

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087331.D
 Acq On : 16 Jul 2025 18:11
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 02:19:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.212	168	182792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	325711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	300150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	158477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	146559	47.253	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.500%		
35) Dibromofluoromethane	8.147	113	108271	48.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	10.547	98	398776	49.757	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.520%		
62) 4-Bromofluorobenzene	12.829	95	148158	50.037	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	113853	58.643	ug/l	100
3) Chloromethane	2.383	50	126054	51.631	ug/l	100
4) Vinyl Chloride	2.542	62	132985	54.810	ug/l	100
5) Bromomethane	2.971	94	64982	51.719	ug/l	100
6) Chloroethane	3.130	64	80606	50.942	ug/l	100
7) Trichlorofluoromethane	3.506	101	187302	52.206	ug/l	100
8) Diethyl Ether	3.959	74	72151	51.843	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	95895	52.068	ug/l	100
10) Methyl Iodide	4.577	142	90277	47.912	ug/l	100
11) Tert butyl alcohol	5.524	59	146939	249.504	ug/l	100
12) 1,1-Dichloroethene	4.330	96	99569	47.708	ug/l	100
13) Acrolein	4.177	56	110711	234.247	ug/l	100
14) Allyl chloride	5.012	41	183089	48.475	ug/l	100
15) Acrylonitrile	5.712	53	414273	259.227	ug/l	100
16) Acetone	4.424	43	353373	240.328	ug/l	100
17) Carbon Disulfide	4.694	76	316833	51.205	ug/l	100
18) Methyl Acetate	5.012	43	181199	49.594	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	396133	51.495	ug/l	100
20) Methylene Chloride	5.259	84	122921	50.001	ug/l	100
21) trans-1,2-Dichloroethene	5.771	96	119278	50.687	ug/l	100
22) Diisopropyl ether	6.665	45	417843	52.740	ug/l	100
23) Vinyl Acetate	6.588	43	1931809	278.796	ug/l	100
24) 1,1-Dichloroethane	6.553	63	223298	48.853	ug/l	100
25) 2-Butanone	7.471	43	588032	261.702	ug/l	100
26) 2,2-Dichloropropane	7.471	77	179431	50.492	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	140194	51.746	ug/l	100
28) Bromochloromethane	7.800	49	108748	49.713	ug/l	100
29) Tetrahydrofuran	7.829	42	388704	266.294	ug/l	100
30) Chloroform	7.953	83	233747	51.092	ug/l	100
31) Cyclohexane	8.241	56	191116	50.122	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	198135	50.002	ug/l	100
36) 1,1-Dichloropropene	8.353	75	158563	53.418	ug/l	100
37) Ethyl Acetate	7.547	43	230005	53.652	ug/l	100
38) Carbon Tetrachloride	8.347	117	168403	51.501	ug/l	100
39) Methylcyclohexane	9.582	83	172297	53.614	ug/l	100
40) Benzene	8.594	78	505723	52.714	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	119895	53.486	ug/l	100
42) 1,2-Dichloroethane	8.653	62	184670	50.759	ug/l	100
43) Isopropyl Acetate	8.677	43	348709	52.399	ug/l	100
44) Trichloroethene	9.335	130	115974	51.160	ug/l	100
45) 1,2-Dichloropropane	9.606	63	128530	52.726	ug/l	100
46) Dibromomethane	9.688	93	94179	51.601	ug/l	100
47) Bromodichloromethane	9.871	83	185222	50.382	ug/l	100
48) Methyl methacrylate	9.665	41	164476	54.899	ug/l	100
49) 1,4-Dioxane	9.682	88	52072	1134.802	ug/l #	100
51) 4-Methyl-2-Pentanone	10.429	43	1122857	266.771	ug/l	100
52) Toluene	10.612	92	313806	53.814	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	202129	54.327	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	205720	53.529	ug/l	100
55) 1,1,2-Trichloroethane	11.000	97	119612	50.666	ug/l	100
56) Ethyl methacrylate	10.859	69	204376	51.427	ug/l	100
57) 1,3-Dichloropropane	11.141	76	213343	52.267	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	562790	290.607	ug/l	100
59) 2-Hexanone	11.182	43	806824	288.920	ug/l	100
60) Dibromochloromethane	11.341	129	139955	51.982	ug/l	100
61) 1,2-Dibromoethane	11.453	107	125416	50.525	ug/l	100
64) Tetrachloroethene	11.088	164	96176	49.786	ug/l	100
65) Chlorobenzene	11.870	112	335833	49.837	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	117833	51.425	ug/l	100
67) Ethyl Benzene	11.947	91	582851	52.540	ug/l	100
68) m/p-Xylenes	12.053	106	455017	109.536	ug/l	100
69) o-Xylene	12.376	106	217121	54.717	ug/l	100
70) Styrene	12.394	104	376745	56.440	ug/l	100
71) Bromoform	12.559	173	98549	53.237	ug/l #	100
73) Isopropylbenzene	12.676	105	538245	53.964	ug/l	100
74) N-amyl acetate	12.494	43	180343m	46.310	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	191273	50.964	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	188824m	53.705	ug/l	
77) Bromobenzene	12.959	156	137669	53.221	ug/l	100
78) n-propylbenzene	13.017	91	680506	54.227	ug/l	100
79) 2-Chlorotoluene	13.106	91	401444	52.051	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	464063	54.607	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	63993	49.271	ug/l	100
82) 4-Chlorotoluene	13.200	91	419474	52.240	ug/l	100
83) tert-Butylbenzene	13.417	119	383986	54.099	ug/l	100
84) 1,2,4-Trimethylbenzene	13.464	105	475982	54.846	ug/l	100
85) sec-Butylbenzene	13.594	105	565038	52.851	ug/l	100
86) p-Isopropyltoluene	13.706	119	473942	55.316	ug/l	100
87) 1,3-Dichlorobenzene	13.711	146	262675	51.740	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	269881	49.773	ug/l	100
89) n-Butylbenzene	14.035	91	437514	53.478	ug/l	100
90) Hexachloroethane	14.311	117	91313	50.301	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	249988	51.977	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	47931	48.643	ug/l	100
93) 1,2,4-Trichlorobenzene	15.370	180	148472	52.553	ug/l	100
94) Hexachlorobutadiene	15.476	225	52130	49.659	ug/l	100
95) Naphthalene	15.617	128	545367	54.490	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	146080	51.547	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

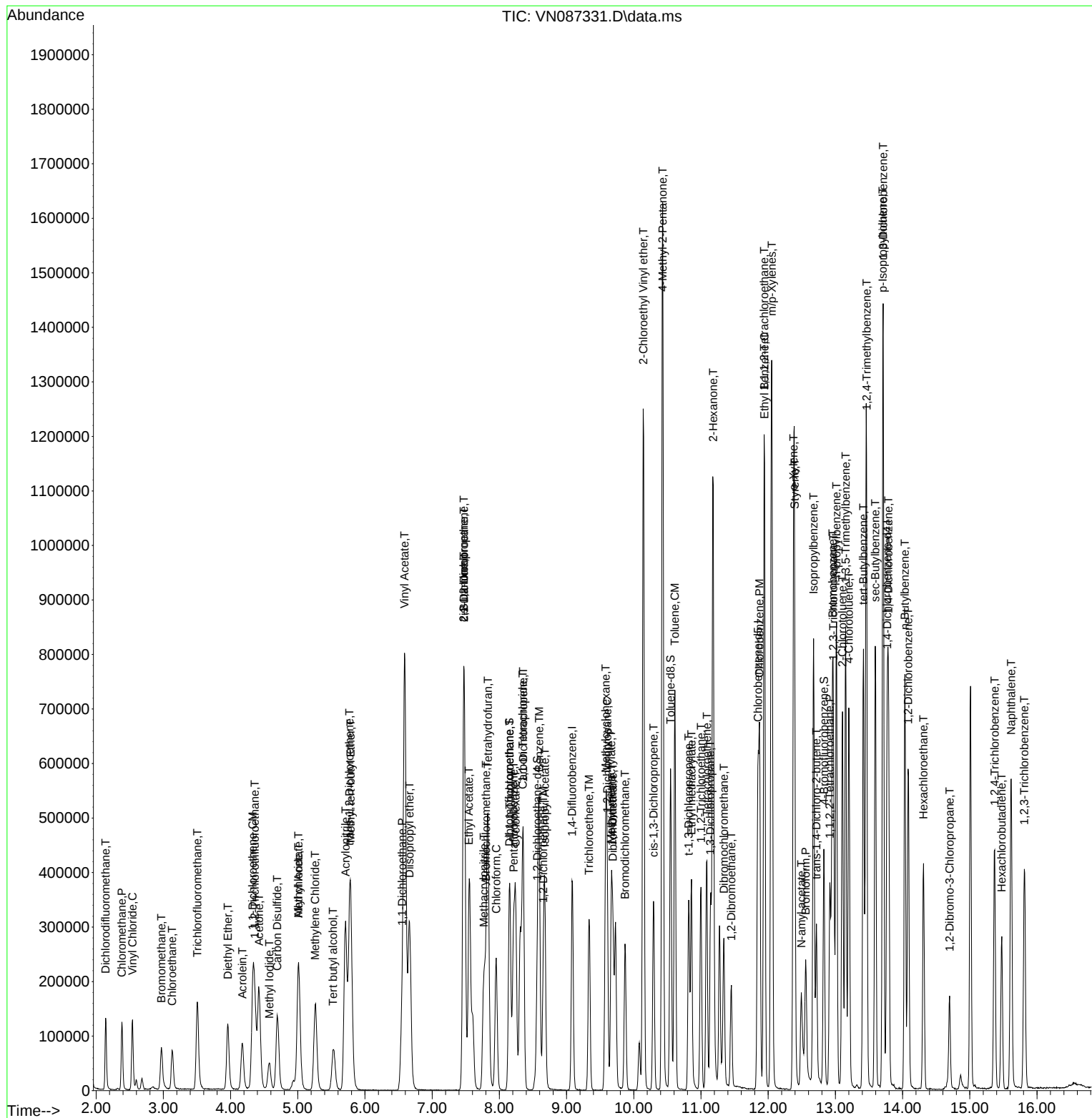
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
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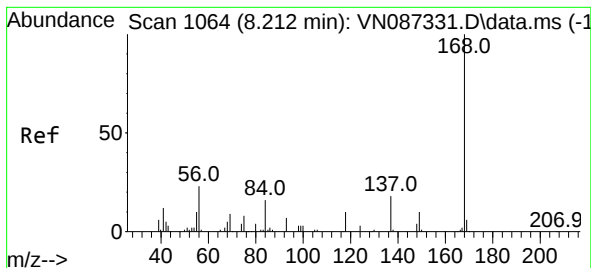
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VN087331.D

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ClientSampleId :

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Tgt Ion:168 Resp: 182792

Ion Ratio Lower Upper

168 100

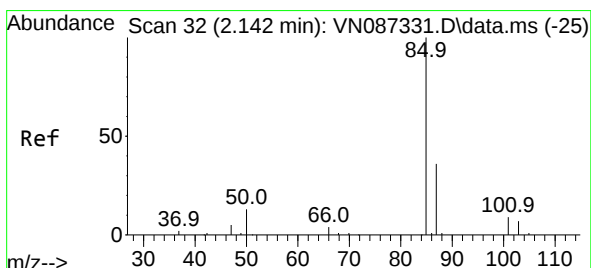
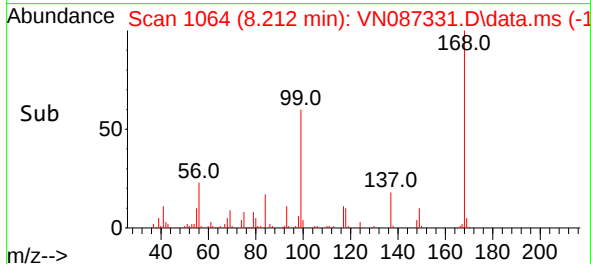
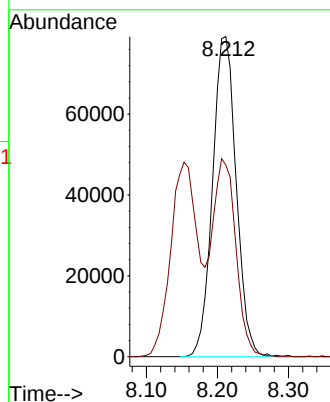
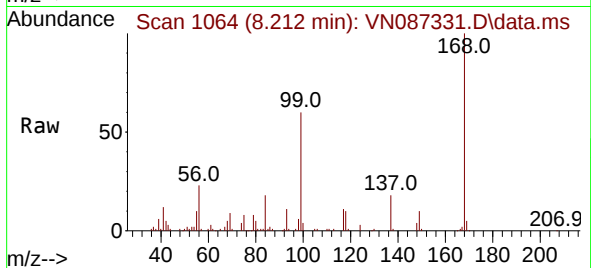
99 59.9 47.9 71.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 58.643 ug/l

RT: 2.142 min Scan# 32

Delta R.T. 0.000 min

Lab File: VN087331.D

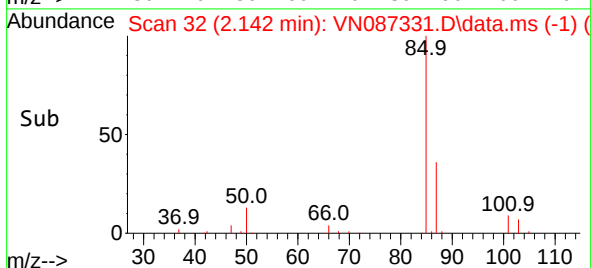
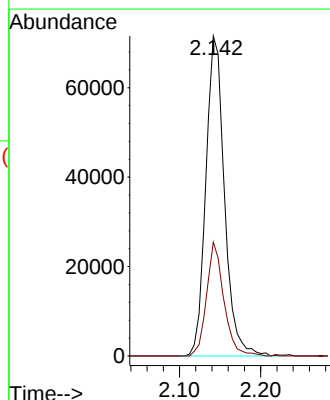
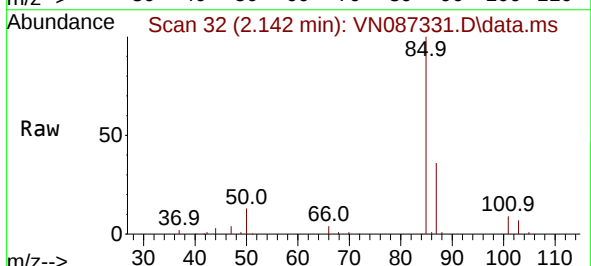
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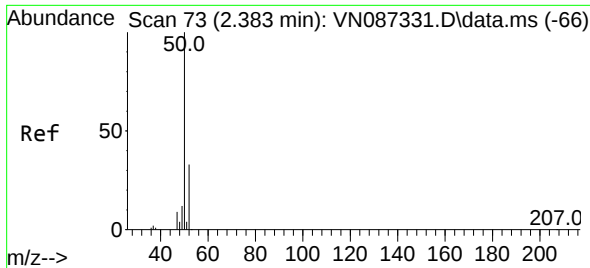
Tgt Ion: 85 Resp: 113853

Ion Ratio Lower Upper

85 100

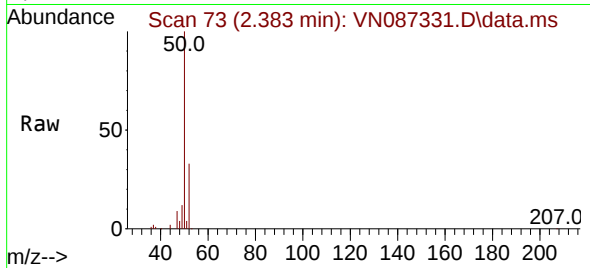
87 35.5 17.8 53.3





#3
Chloromethane
Concen: 51.631 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

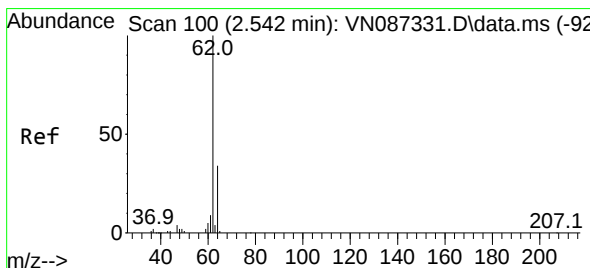
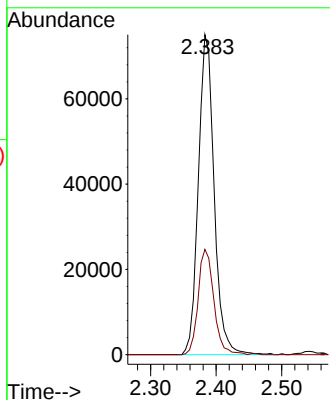
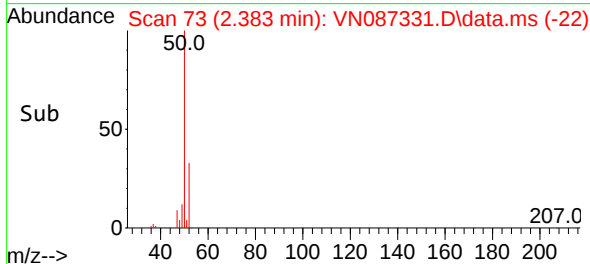
Instrument :
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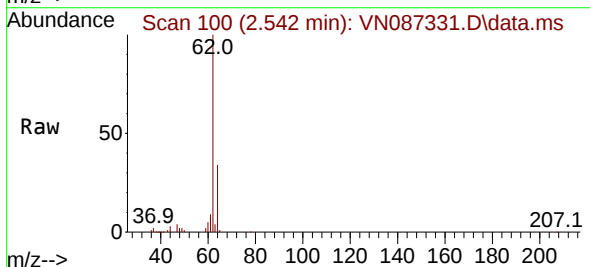
Tgt Ion: 50 Resp: 126054
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5

Manual Integrations
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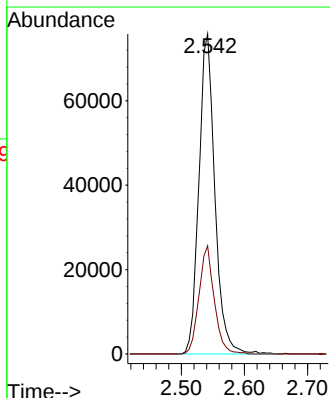
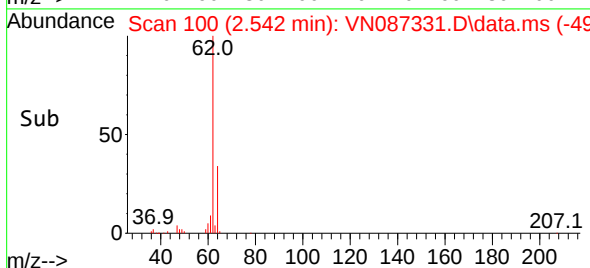
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

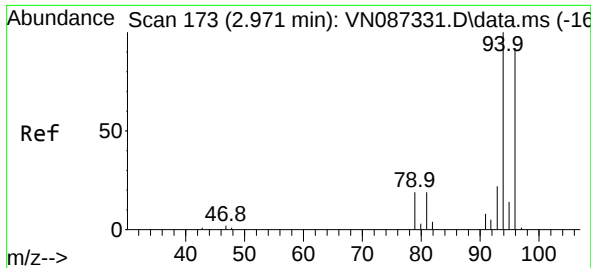


#4
Vinyl Chloride
Concen: 54.810 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11



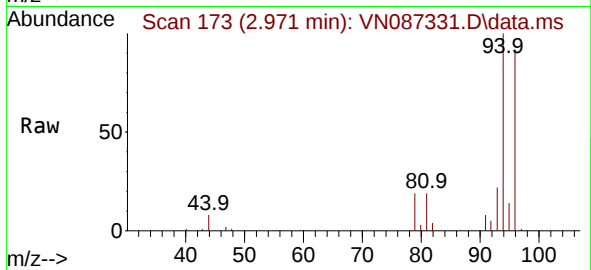
Tgt Ion: 62 Resp: 132985
Ion Ratio Lower Upper
62 100
64 33.8 27.0 40.6





#5
Bromomethane
Concen: 51.719 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

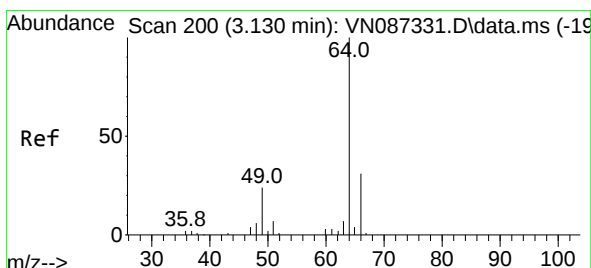
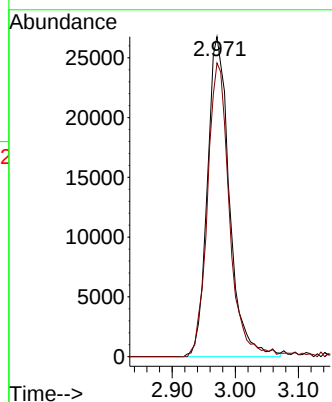
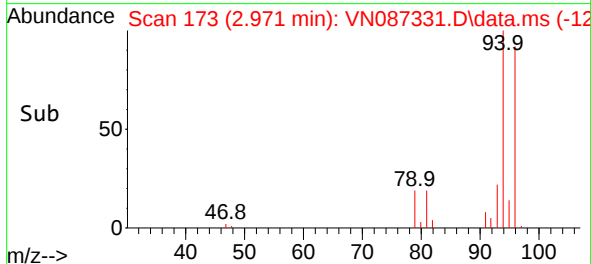
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Tgt Ion: 94 Resp: 6498
Ion Ratio Lower Upper
94 100
96 91.8 73.4 110.2

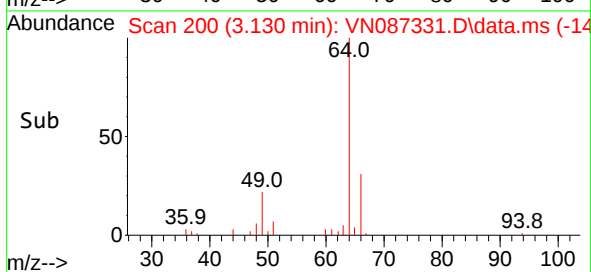
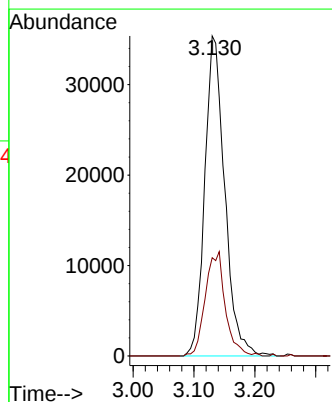
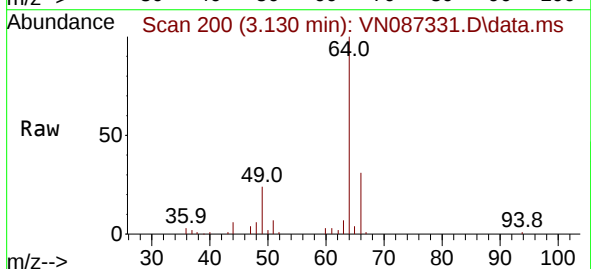
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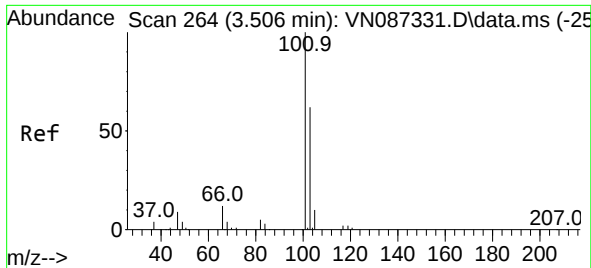
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#6
Chloroethane
Concen: 50.942 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

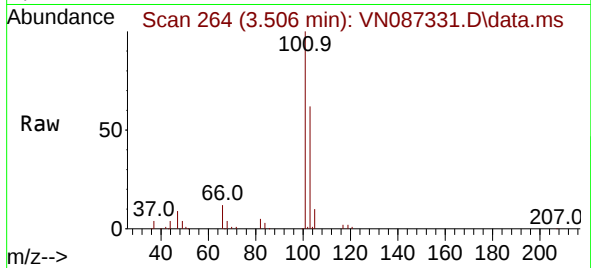
Tgt Ion: 64 Resp: 80606
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 52.206 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

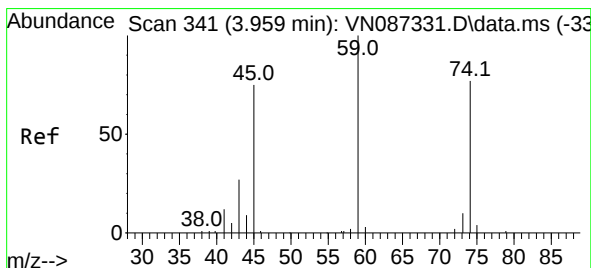
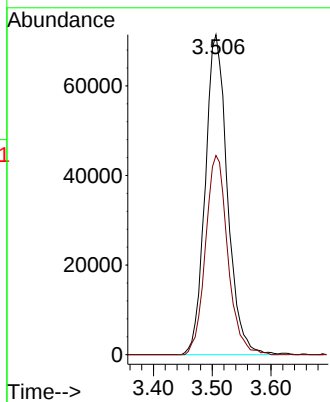
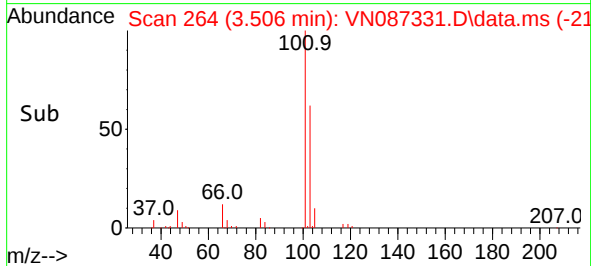
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Tgt Ion:101 Resp: 187302
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.8 74.6

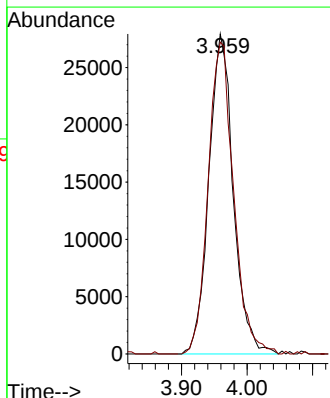
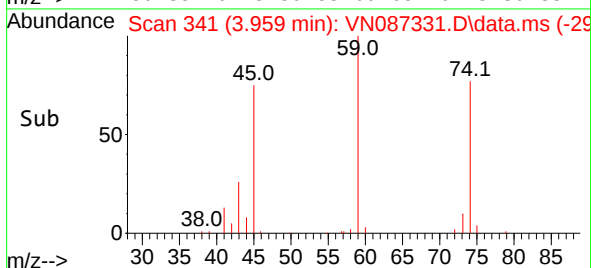
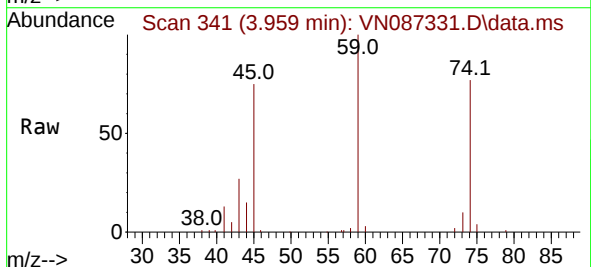
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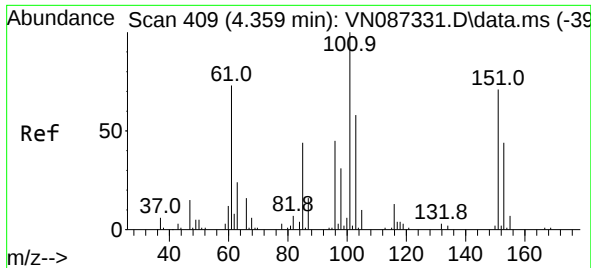
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#8
 Diethyl Ether
 Concen: 51.843 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Tgt Ion: 74 Resp: 72151
 Ion Ratio Lower Upper
 74 100
 45 101.7 50.8 152.5





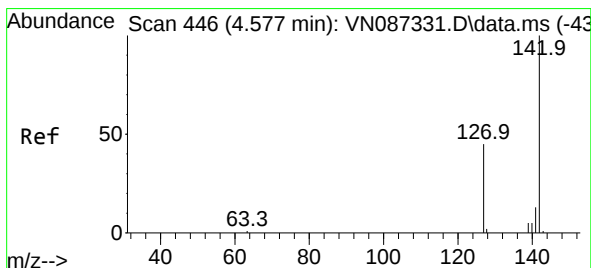
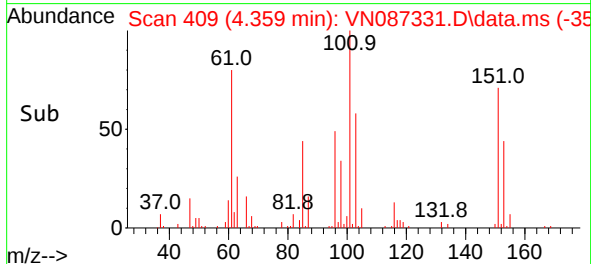
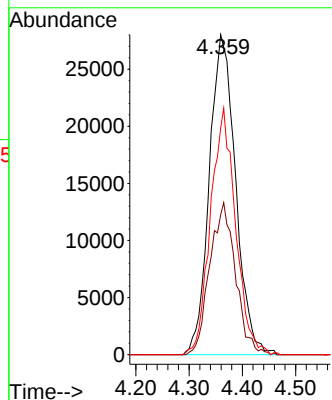
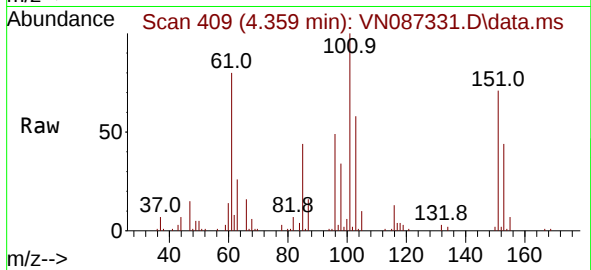
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.068 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 9589
Ion Ratio Lower Upper
101 100
85 46.6 37.3 55.9
151 73.6 58.9 88.3

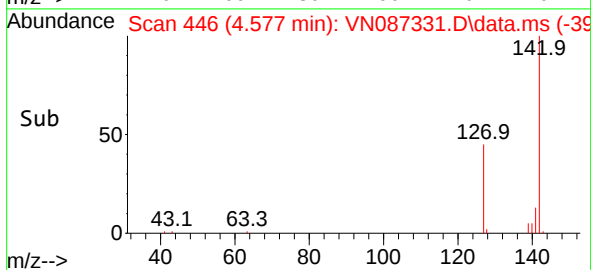
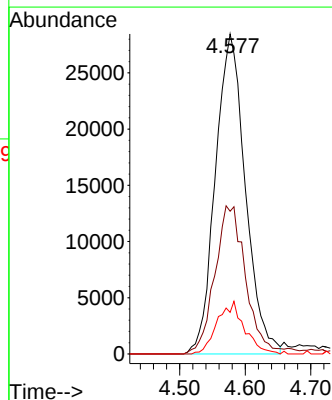
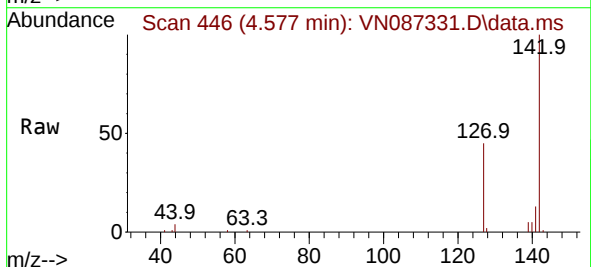
Manual Integrations
APPROVED

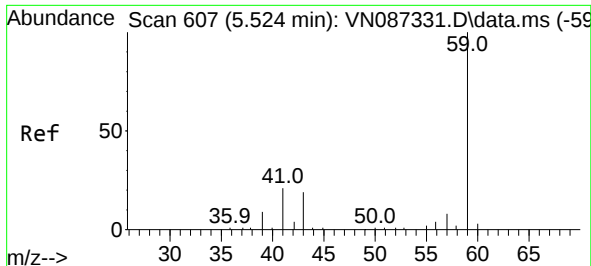
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#10
Methyl Iodide
Concen: 47.912 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

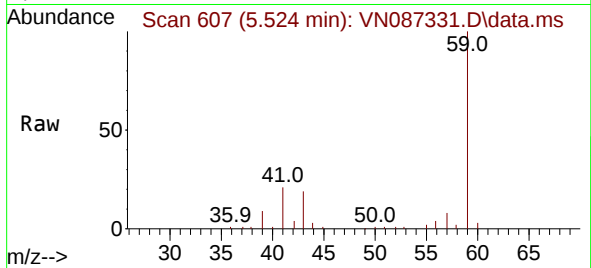
Tgt Ion:142 Resp: 90277
Ion Ratio Lower Upper
142 100
127 44.6 35.7 53.5
141 13.0 10.4 15.6





#11
Tert butyl alcohol
Concen: 249.504 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

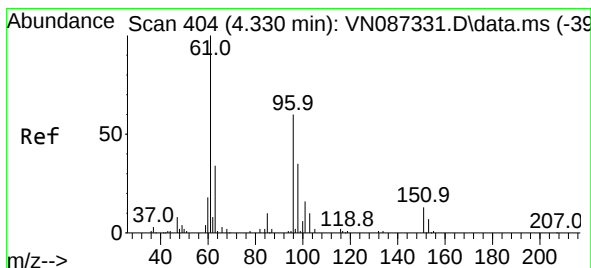
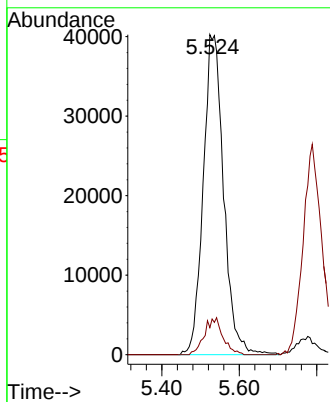
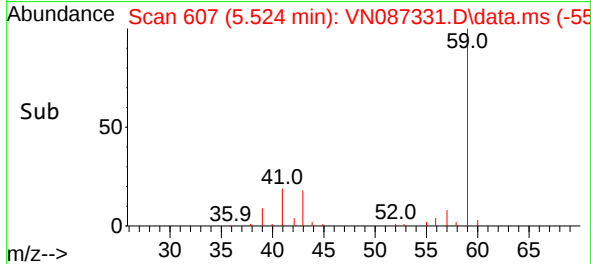
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



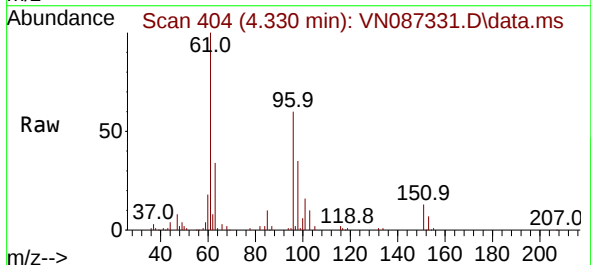
Tgt Ion: 59 Resp: 146939
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

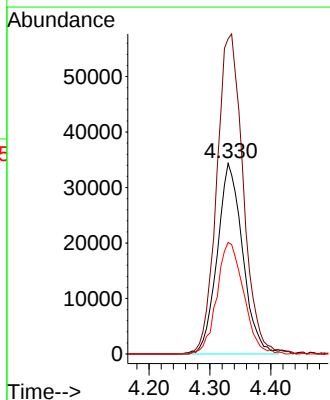
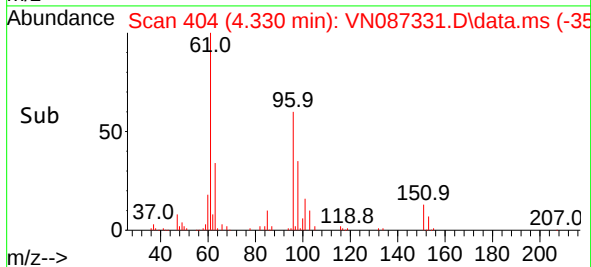
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

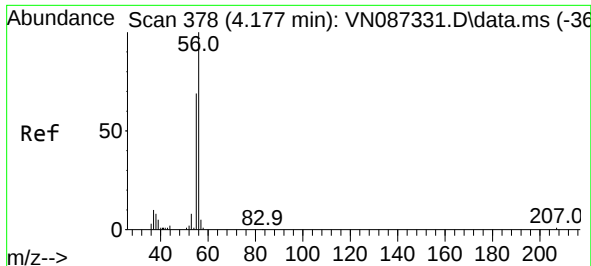


#12
1,1-Dichloroethene
Concen: 47.708 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11



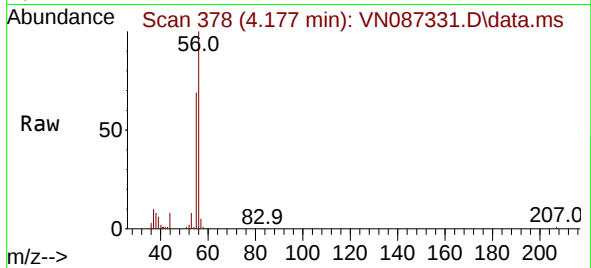
Tgt Ion: 96 Resp: 99569
Ion Ratio Lower Upper
96 100
61 165.4 132.3 198.5
98 58.5 46.8 70.2





#13
Acrolein
Concen: 234.247 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

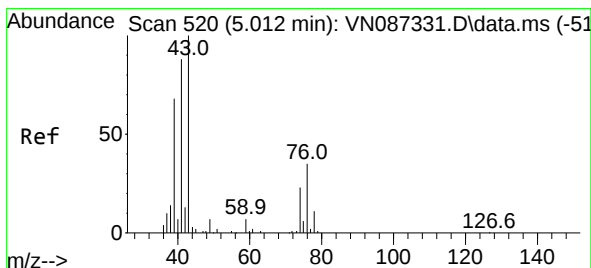
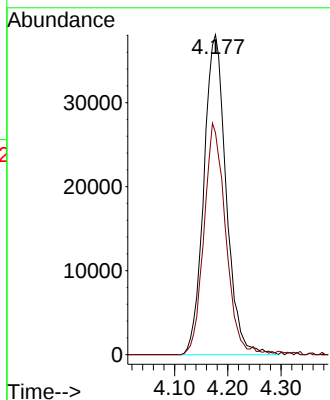
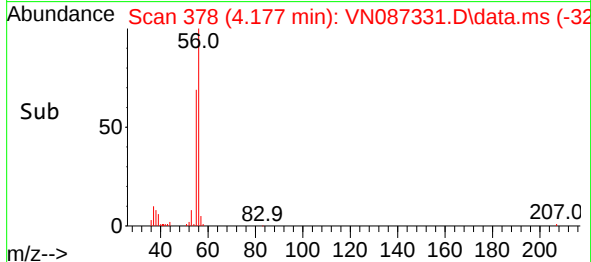
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 11071
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4

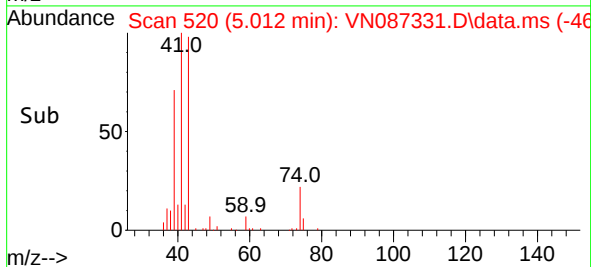
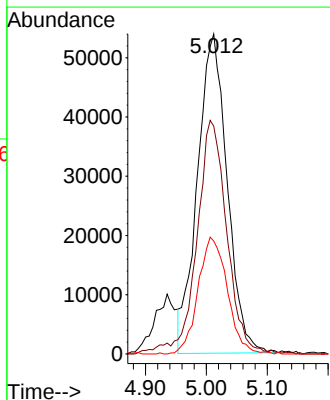
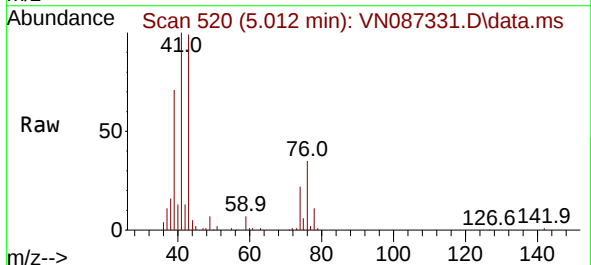
Manual Integrations
APPROVED

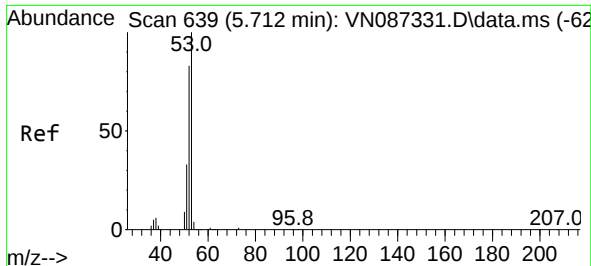
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#14
Allyl chloride
Concen: 48.475 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

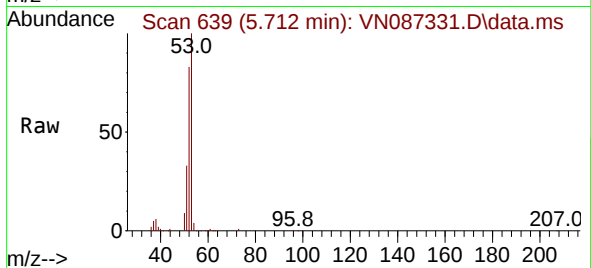
Tgt Ion: 41 Resp: 183089
Ion Ratio Lower Upper
41 100
39 73.8 59.0 88.6
76 35.9 28.7 43.1





#15
Acrylonitrile
Concen: 259.227 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

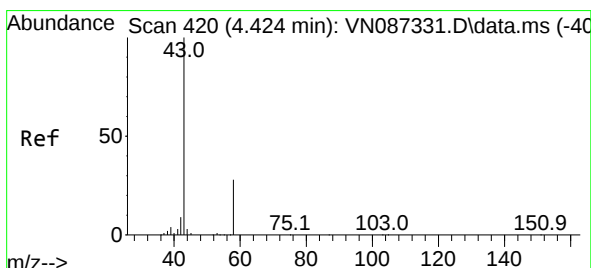
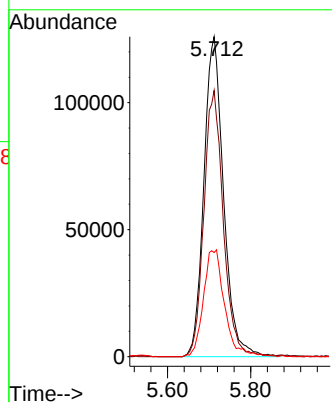
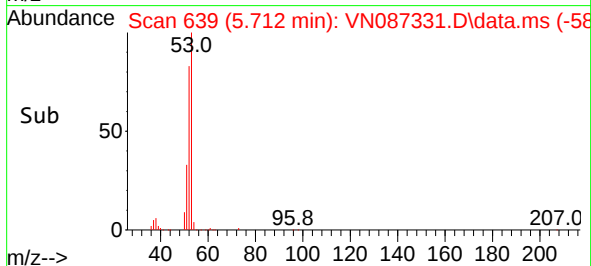
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 41427
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 35.9 28.7 43.1

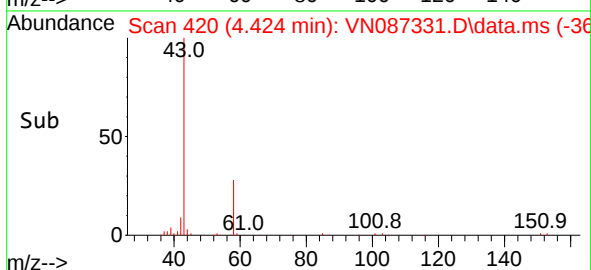
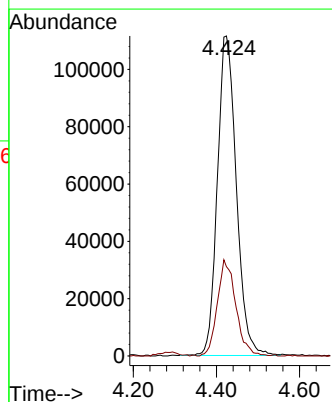
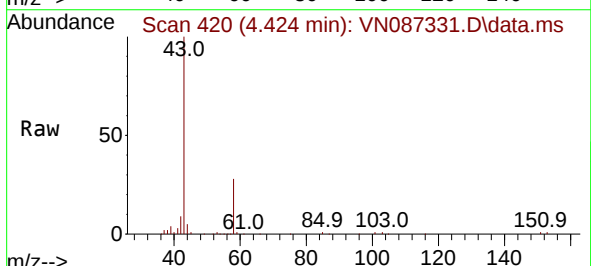
Manual Integrations
APPROVED

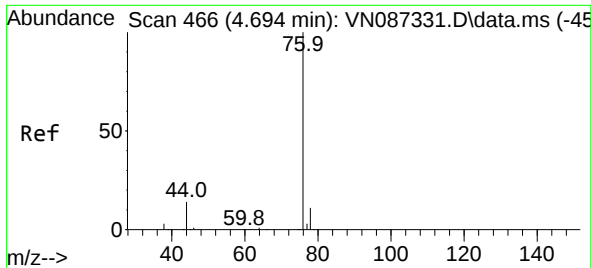
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#16
Acetone
Concen: 240.328 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

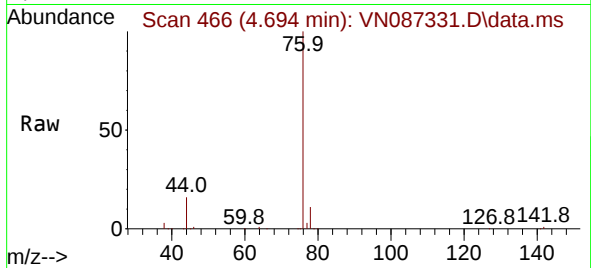
Tgt Ion: 43 Resp: 353373
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5





#17
Carbon Disulfide
Concen: 51.205 ug/l
RT: 4.694 min Scan# 466
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

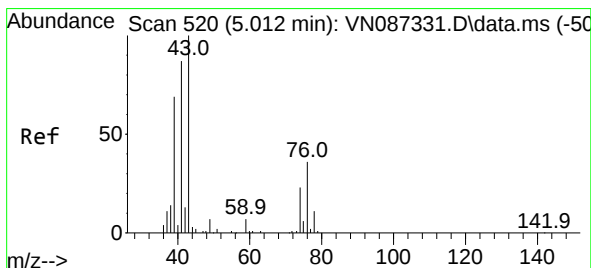
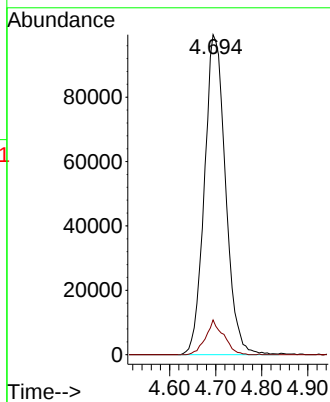
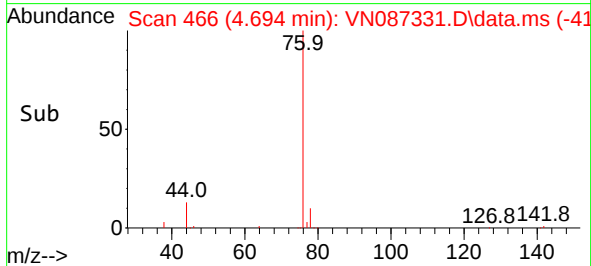
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 31683
Ion Ratio Lower Upper
76 100
78 10.8 8.6 13.0

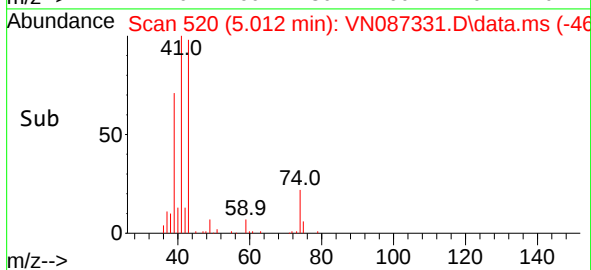
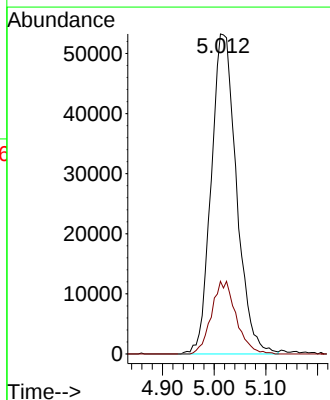
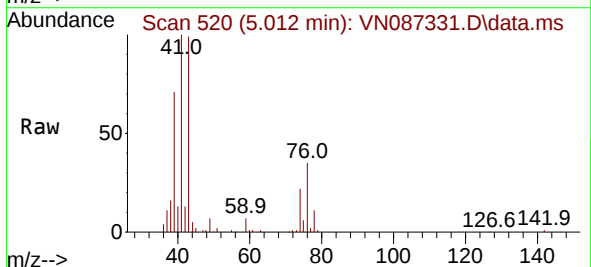
Manual Integrations
APPROVED

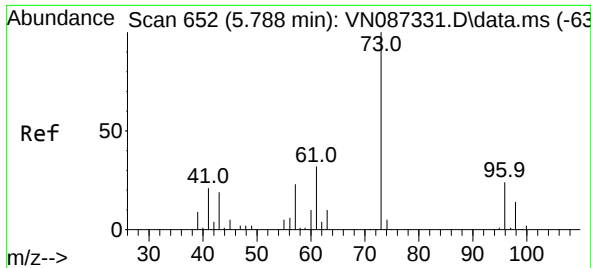
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#18
Methyl Acetate
Concen: 49.594 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 181199
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.6





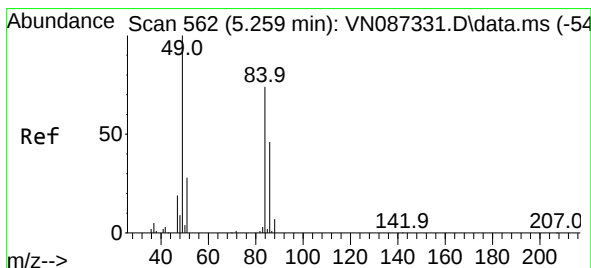
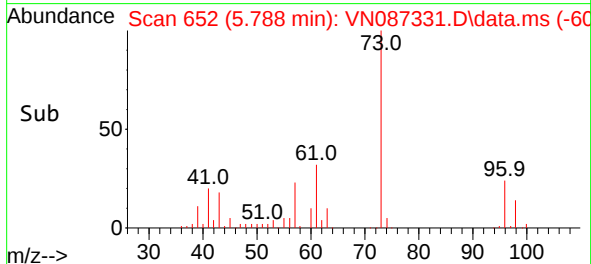
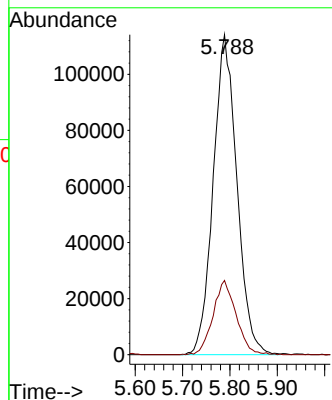
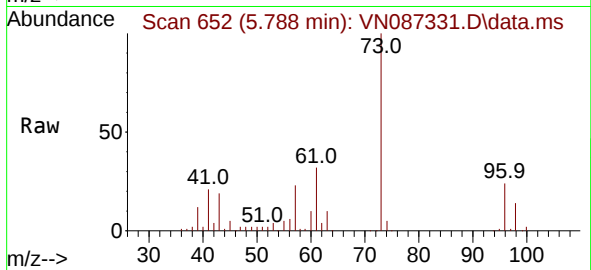
#19
Methyl tert-butyl Ether
Concen: 51.495 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 39613
Ion Ratio Lower Upper
73 100
57 23.2 18.6 27.8

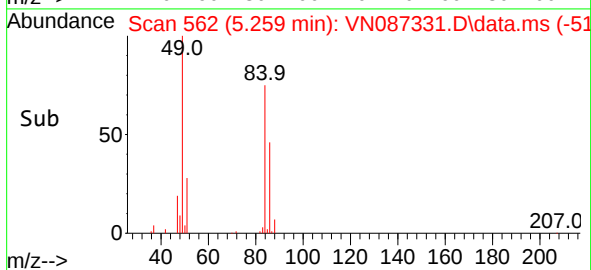
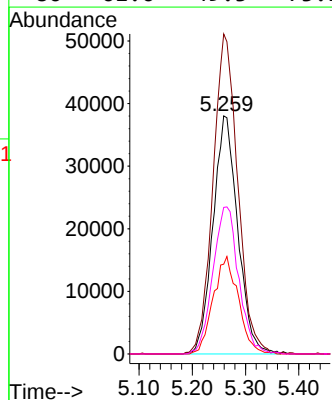
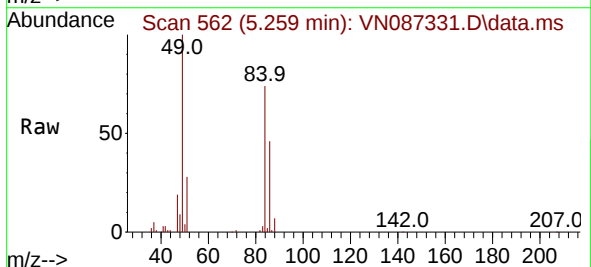
Manual Integrations
APPROVED

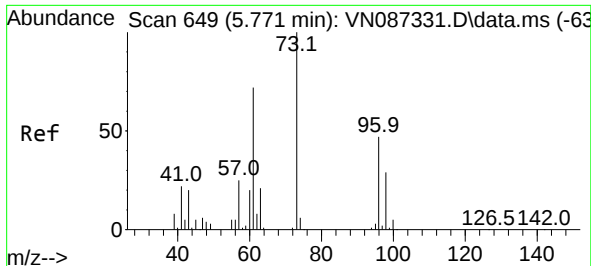
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#20
Methylene Chloride
Concen: 50.001 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

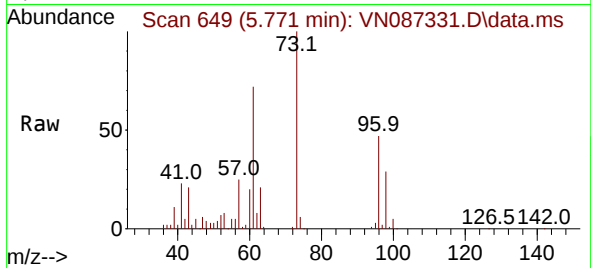
Tgt Ion: 84 Resp: 122921
Ion Ratio Lower Upper
84 100
49 134.4 107.5 161.3
51 37.7 30.2 45.2
86 61.6 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 50.687 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

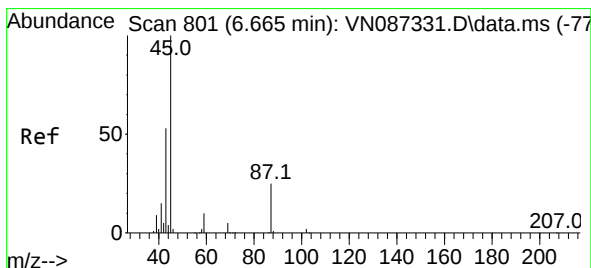
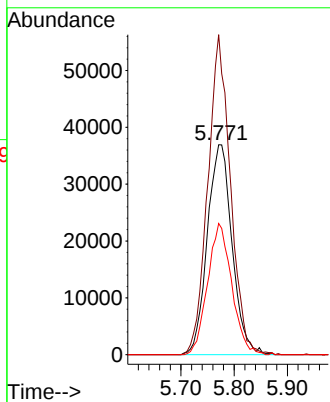
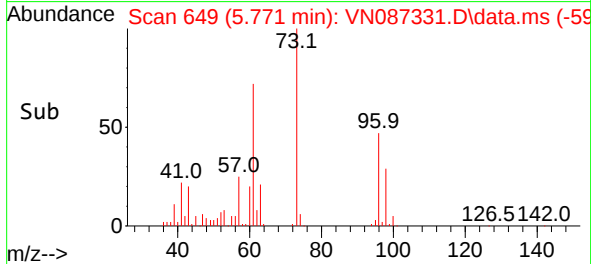
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 119278
Ion Ratio Lower Upper
96 100
61 152.5 122.0 183.0
98 62.5 50.0 75.0

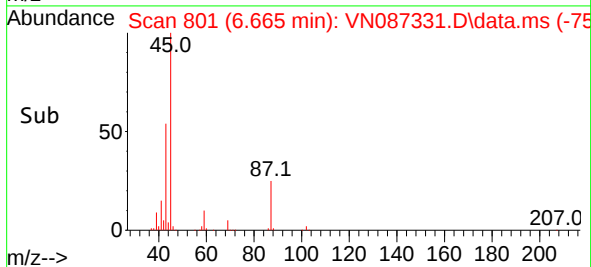
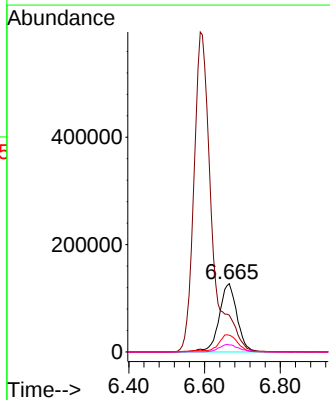
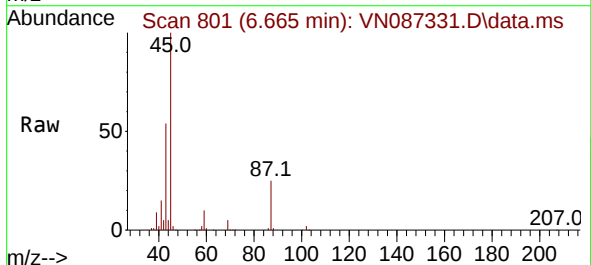
Manual Integrations
APPROVED

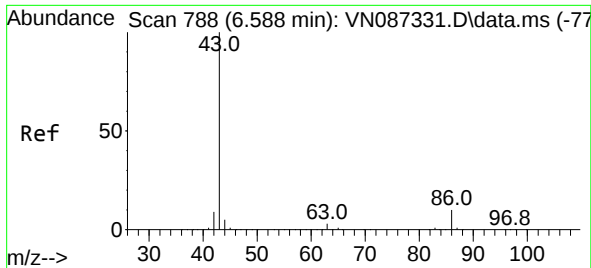
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#22
Diisopropyl ether
Concen: 52.740 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 45 Resp: 417843
Ion Ratio Lower Upper
45 100
43 53.5 42.8 64.2
87 24.7 19.8 29.6
59 10.4 8.3 12.5





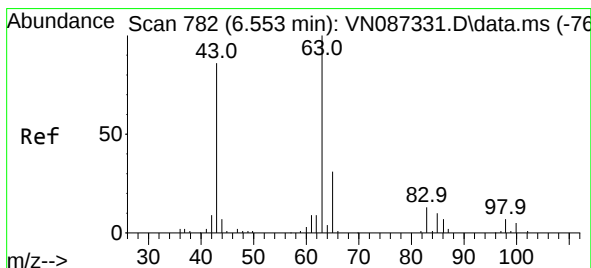
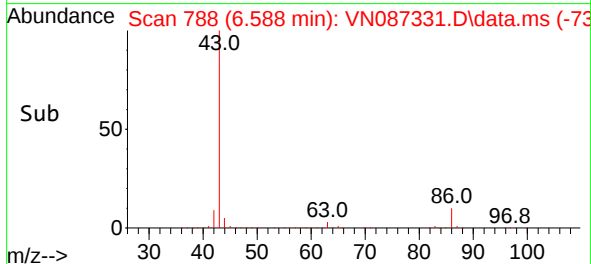
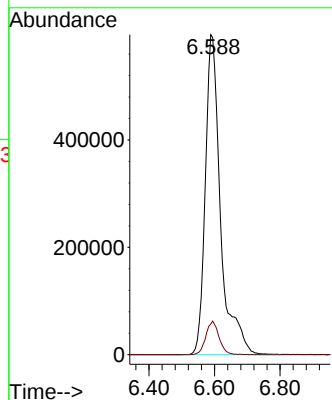
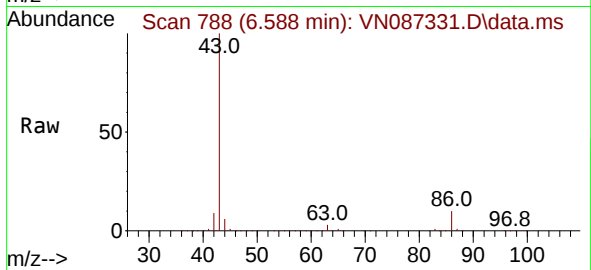
#23
 Vinyl Acetate
 Concen: 278.796 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1931809
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5

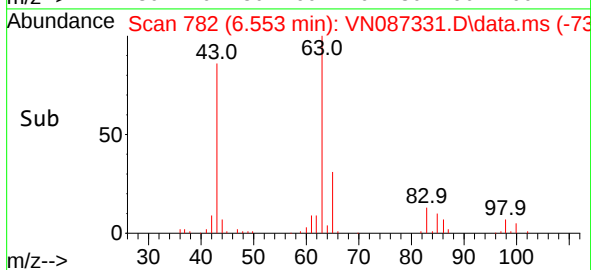
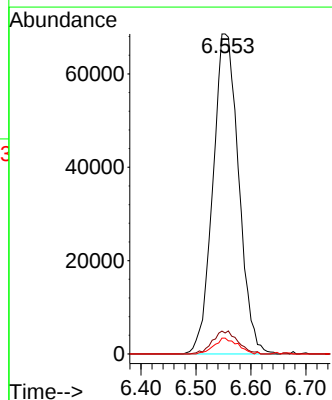
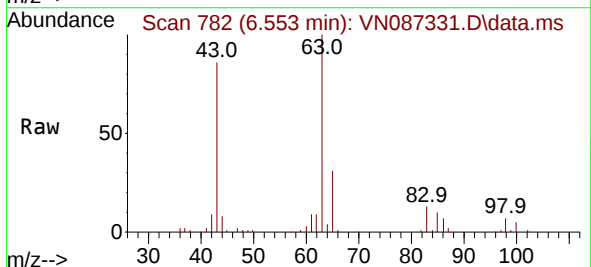
Manual Integrations
 APPROVED

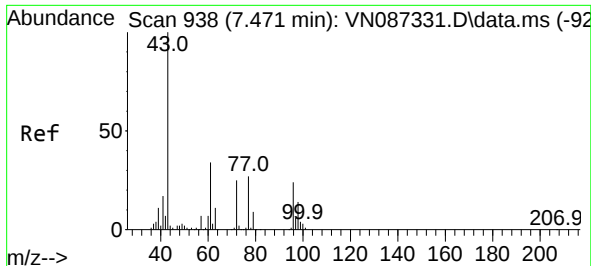
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#24
 1,1-Dichloroethane
 Concen: 48.853 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

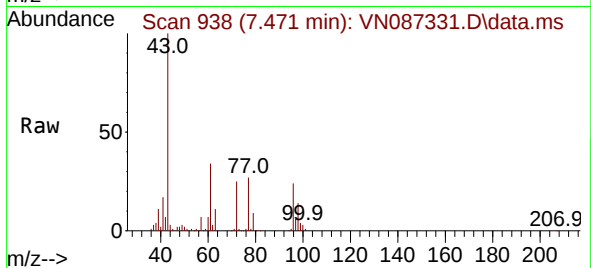
Tgt Ion: 63 Resp: 223298
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 261.702 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

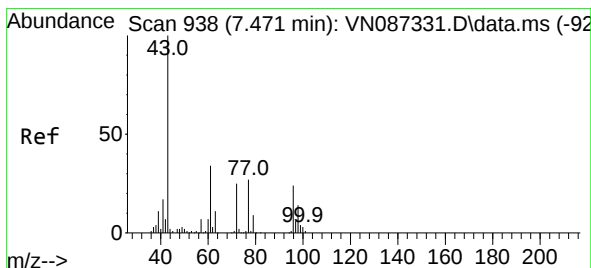
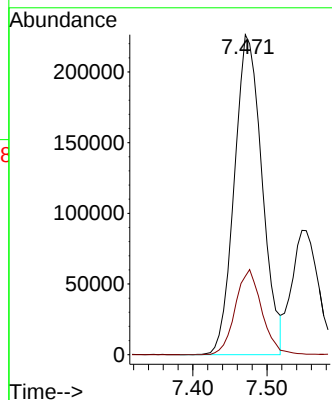
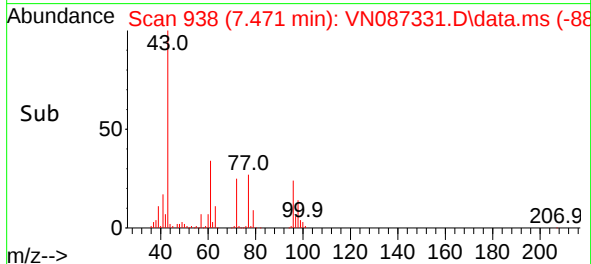
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



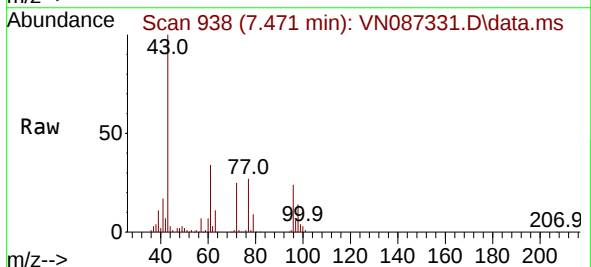
Tgt Ion: 43 Resp: 58803
Ion Ratio Lower Upper
43 100
72 24.5 19.6 29.4

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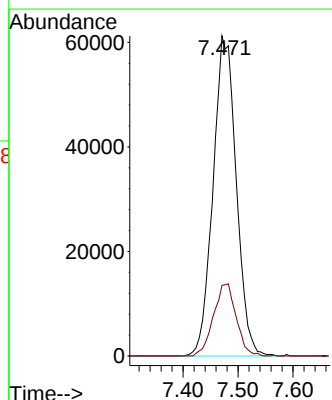
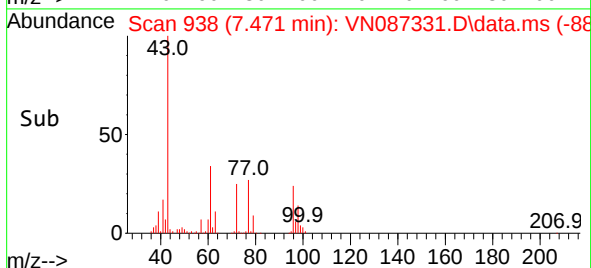
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

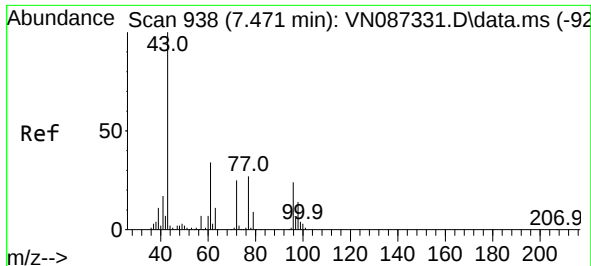


#26
2,2-Dichloropropane
Concen: 50.492 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11



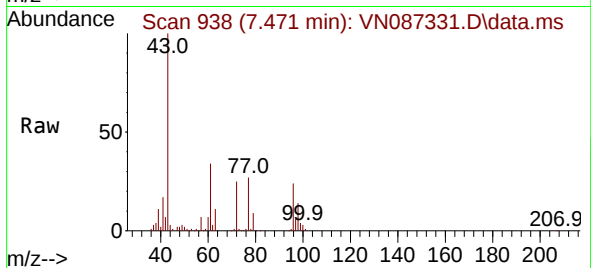
Tgt Ion: 77 Resp: 179431
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.746 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

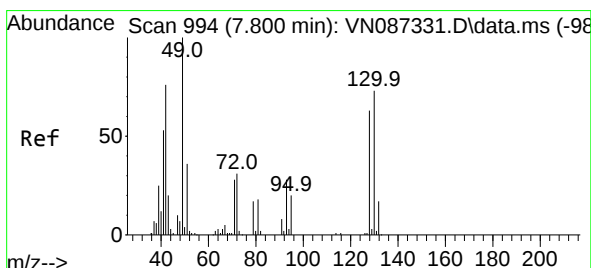
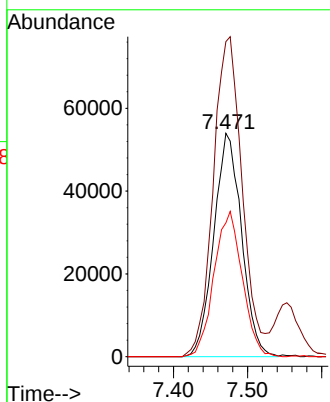
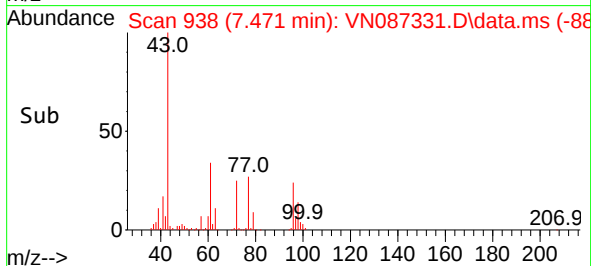
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 140194
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 297.8
 98 66.2 0.0 132.4

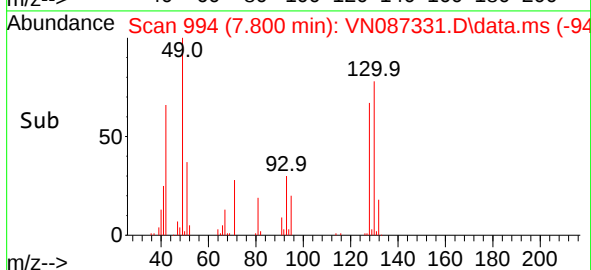
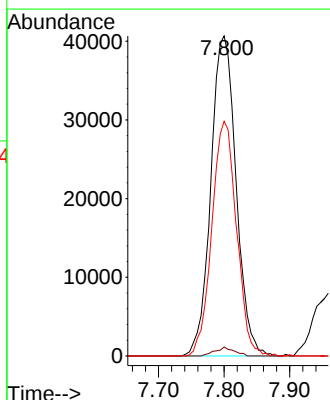
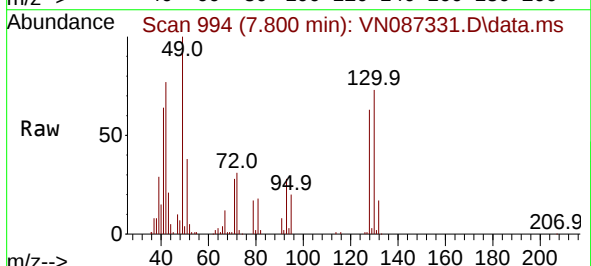
Manual Integrations
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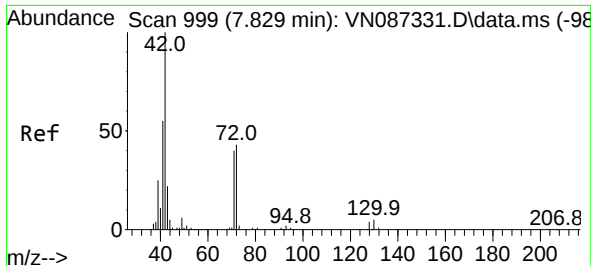
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#28
 Bromochloromethane
 Concen: 49.713 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Tgt Ion: 49 Resp: 108748
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 71.6 57.3 85.9





#29

Tetrahydrofuran

Concen: 266.294 ug/l

RT: 7.829 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087331.D

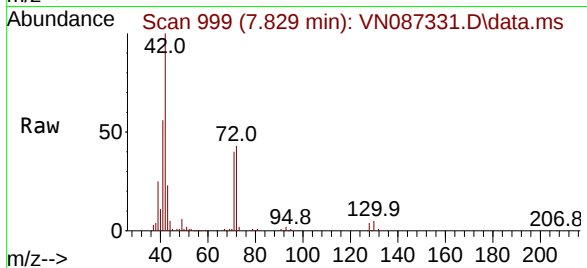
Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

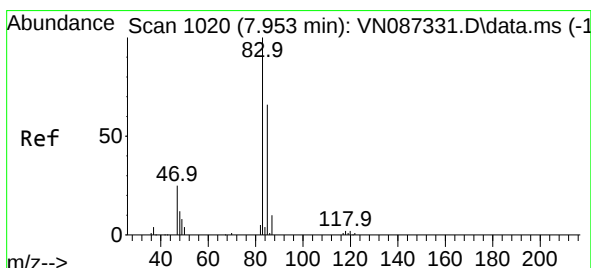
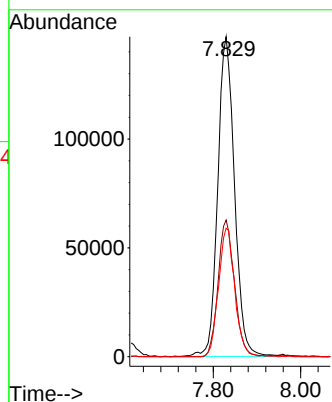
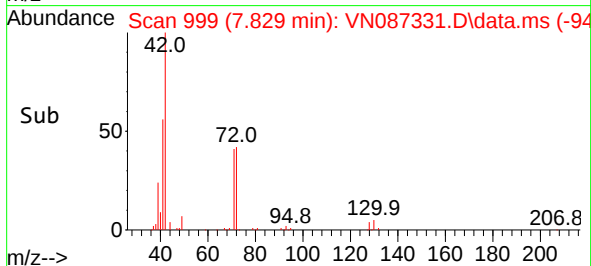


Tgt Ion:	42	Resp:	388704
Ion Ratio	100	Lower	Upper
42	100		
72	41.7	33.4	50.0
71	39.0	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#30

Chloroform

Concen: 51.092 ug/l

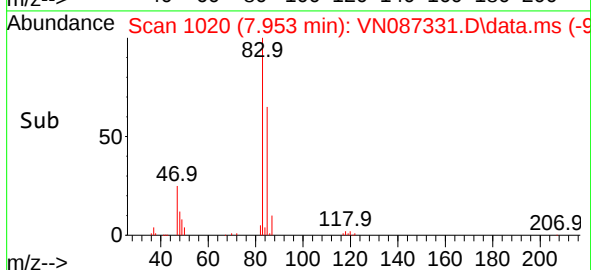
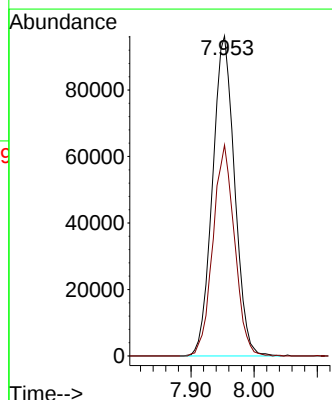
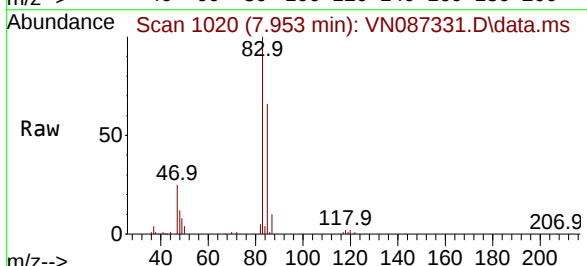
RT: 7.953 min Scan# 1020

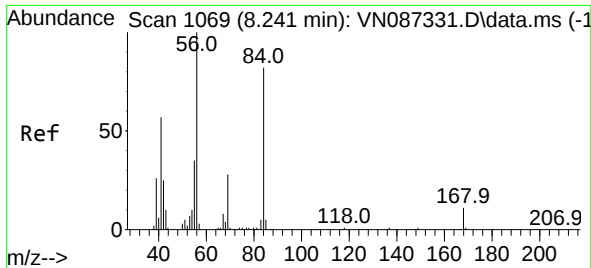
Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

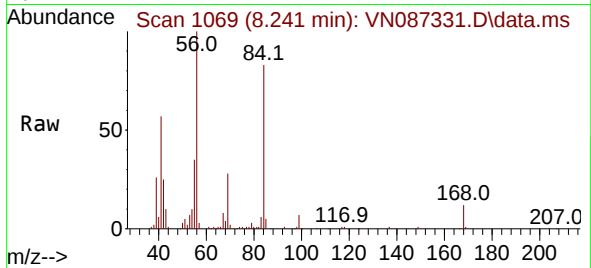
Tgt Ion:	83	Resp:	233747
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	52.7	79.1





#31
Cyclohexane
Concen: 50.122 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

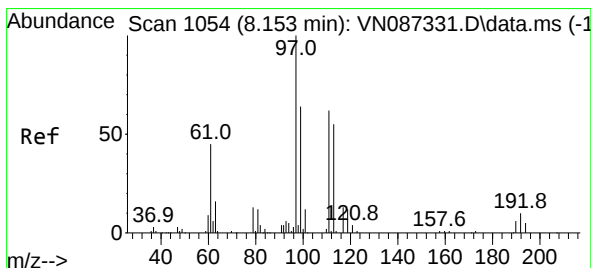
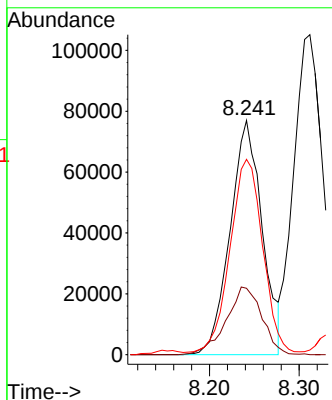
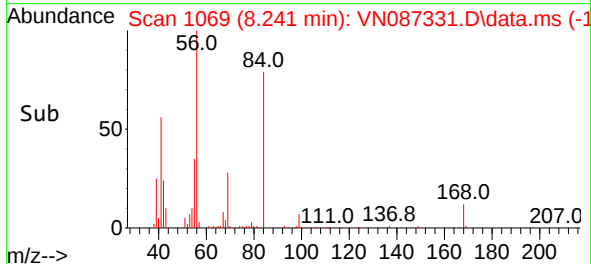
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 191110
Ion Ratio Lower Upper
56 100
69 28.4 22.7 34.1
84 82.2 65.8 98.6

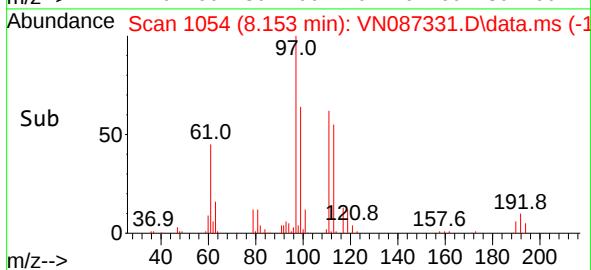
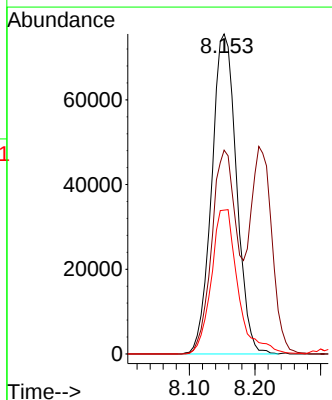
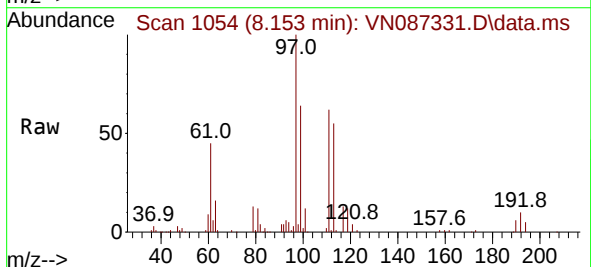
Manual Integrations
APPROVED

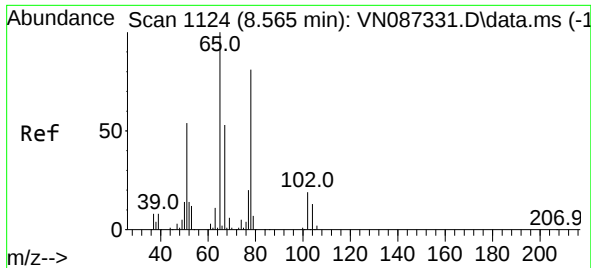
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#32
1,1,1-Trichloroethane
Concen: 50.002 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 97 Resp: 198135
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 48.4 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 14655

Ion Ratio Lower Upper

65 100

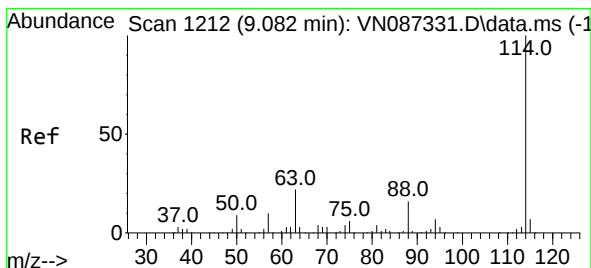
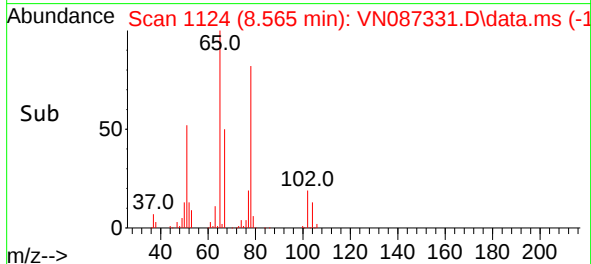
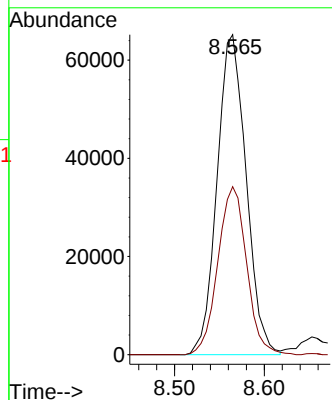
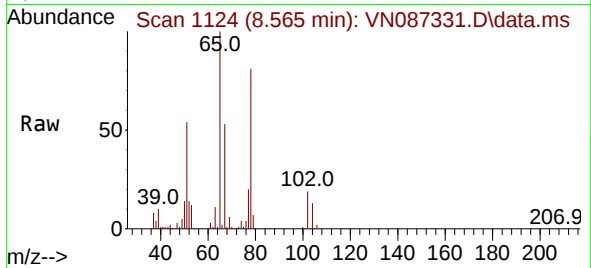
67 52.0 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

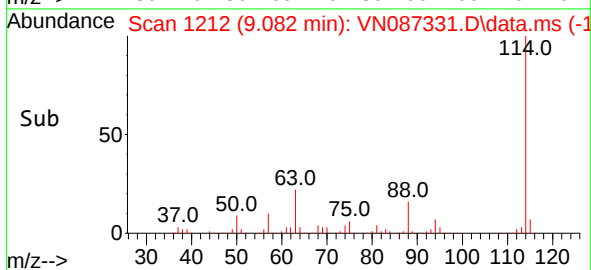
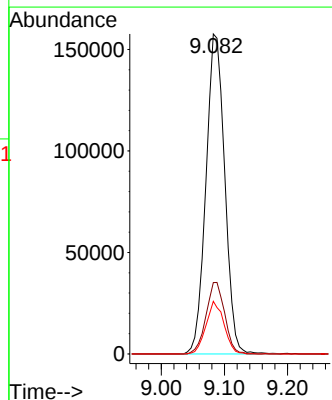
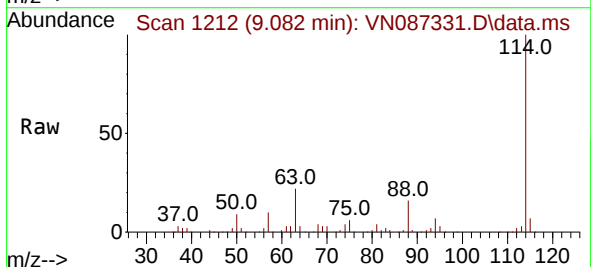
Tgt Ion:114 Resp: 325711

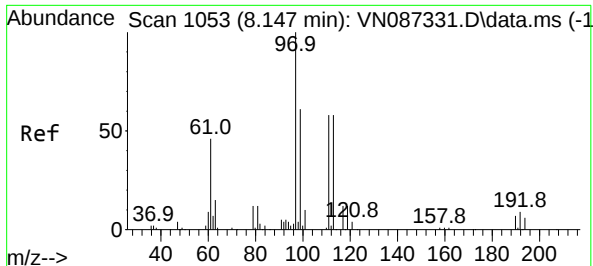
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.190 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 10827

Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

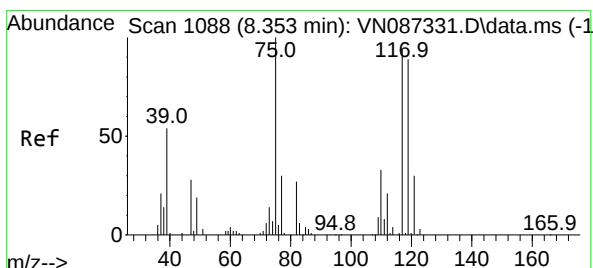
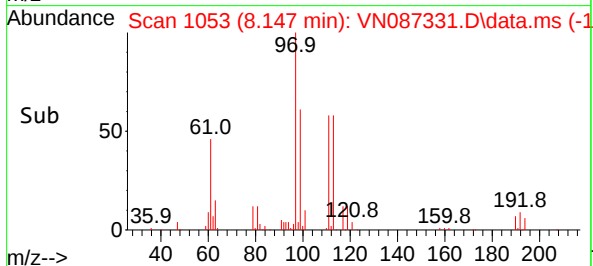
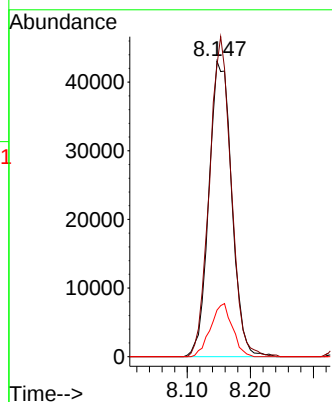
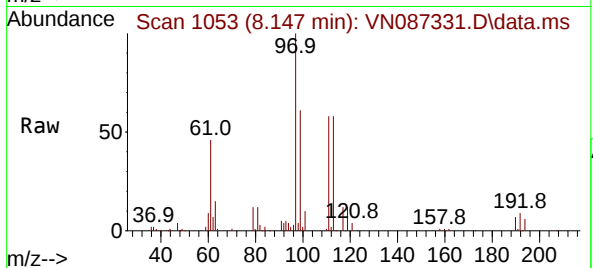
192 17.1 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#36

1,1-Dichloropropene

Concen: 53.418 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

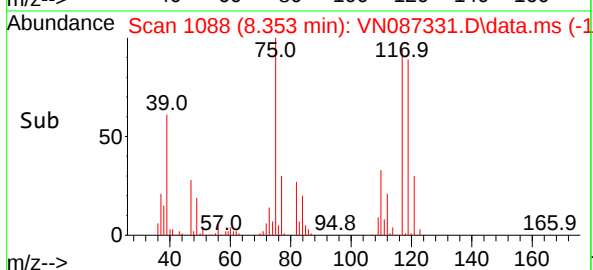
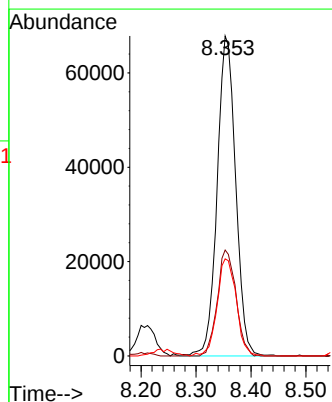
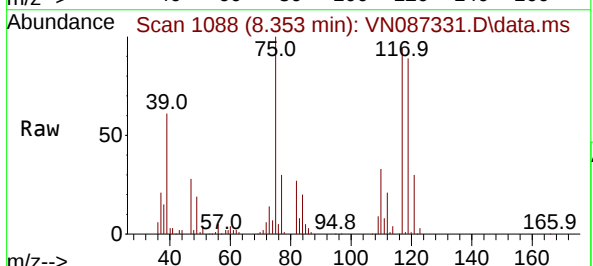
Tgt Ion: 75 Resp: 158563

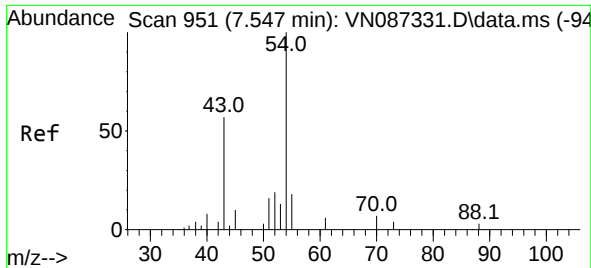
Ion Ratio Lower Upper

75 100

110 33.4 16.7 50.1

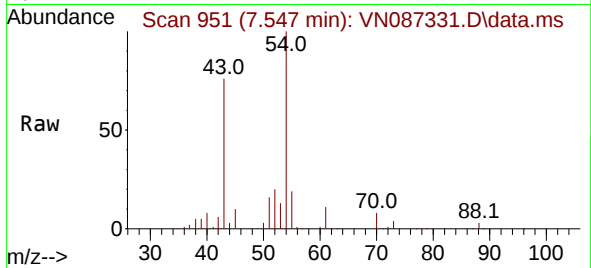
77 31.5 25.2 37.8





#37
Ethyl Acetate
Concen: 53.652 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

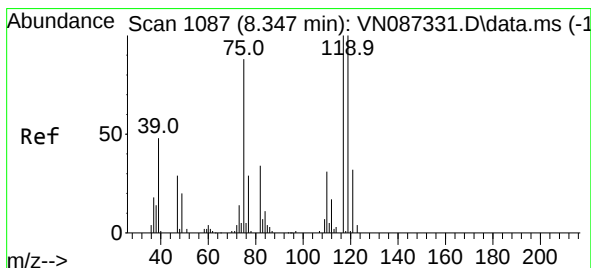
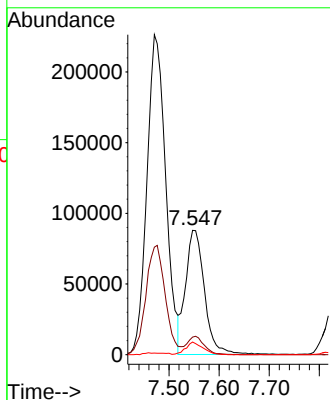
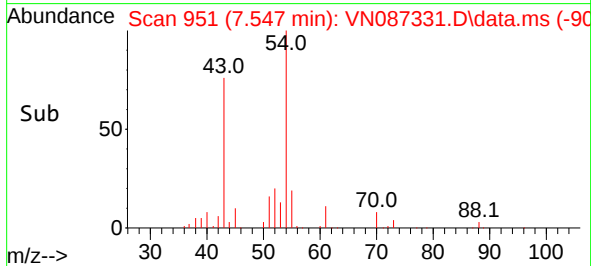
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



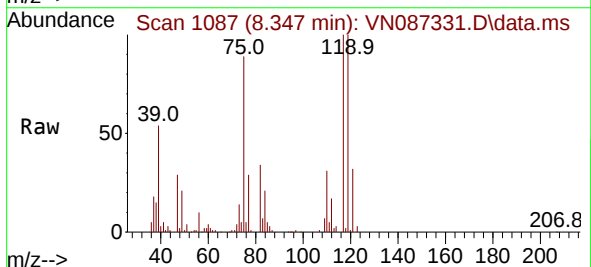
Tgt Ion: 43 Resp: 23000
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 9.2 7.4 11.0

Manual Integrations
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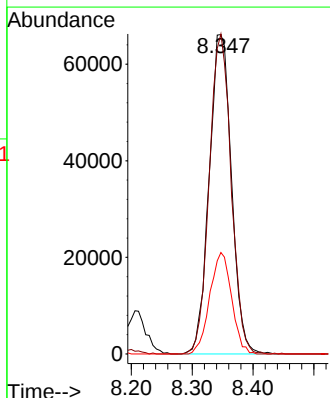
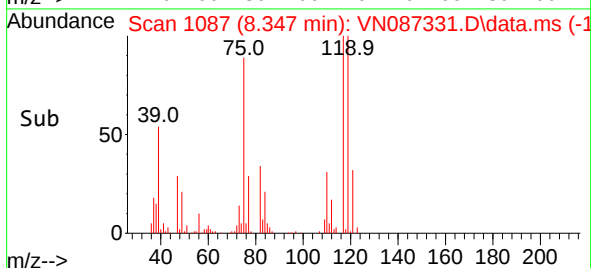
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

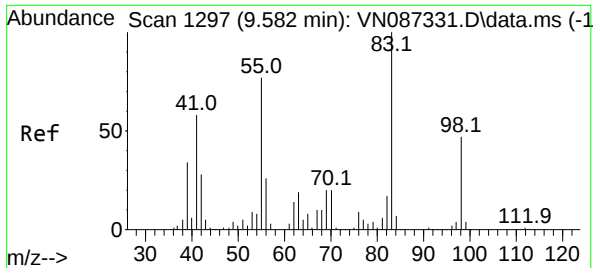


#38
Carbon Tetrachloride
Concen: 51.501 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11



Tgt Ion:117 Resp: 168403
Ion Ratio Lower Upper
117 100
119 100.2 80.2 120.2
121 31.8 25.4 38.2





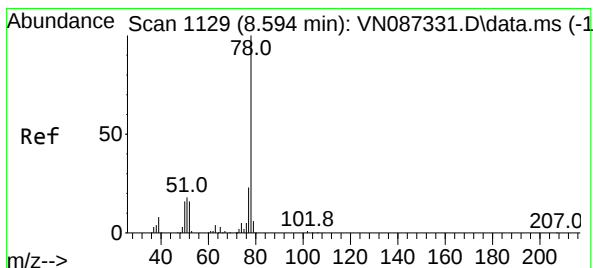
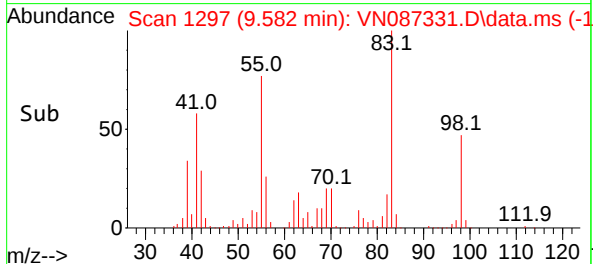
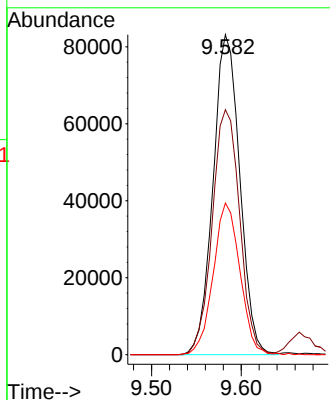
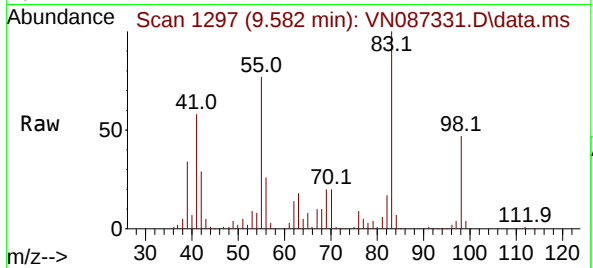
#39
Methylcyclohexane
Concen: 53.614 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 172297
Ion Ratio Lower Upper
83 100
55 76.6 61.3 91.9
98 47.4 37.9 56.9

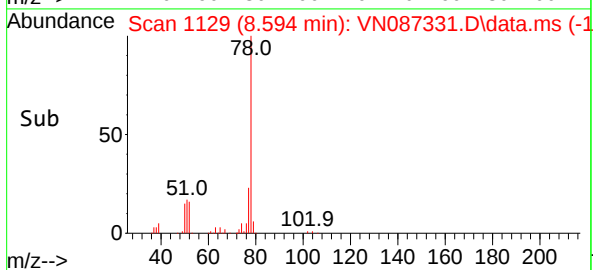
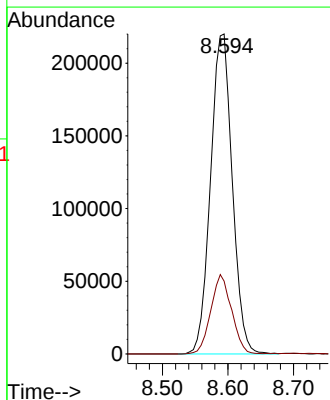
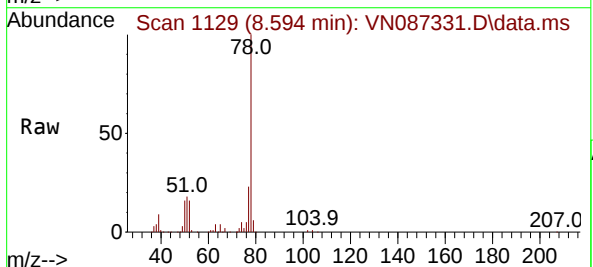
Manual Integrations
APPROVED

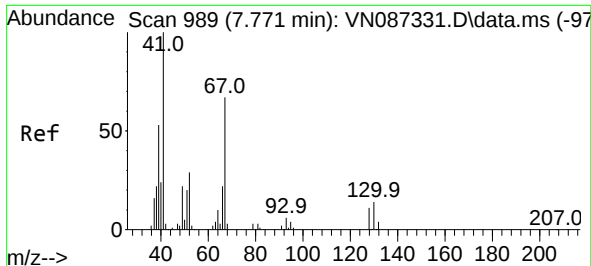
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#40
Benzene
Concen: 52.714 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

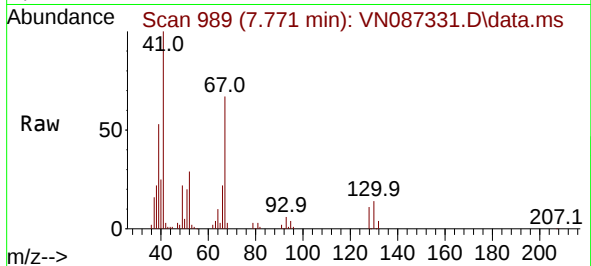
Tgt Ion: 78 Resp: 505723
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.2





#41
Methacrylonitrile
Concen: 53.486 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

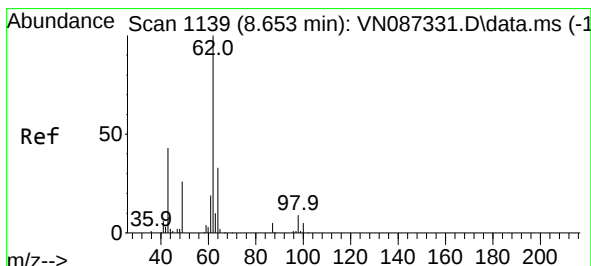
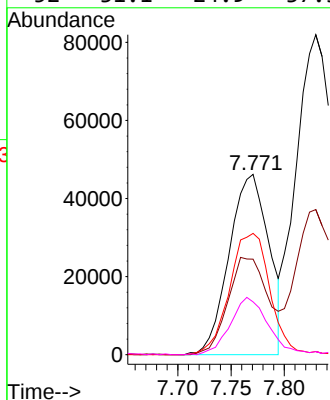
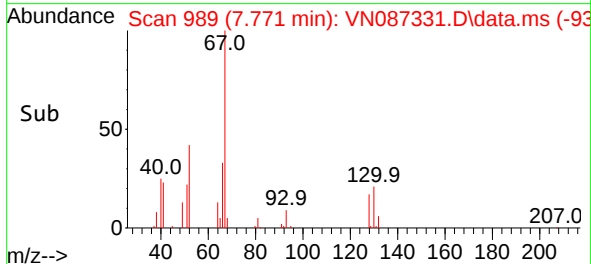
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 11989
Ion Ratio Lower Upper
41 100
39 54.2 43.4 65.0
67 68.9 55.1 82.7
52 31.1 24.9 37.3

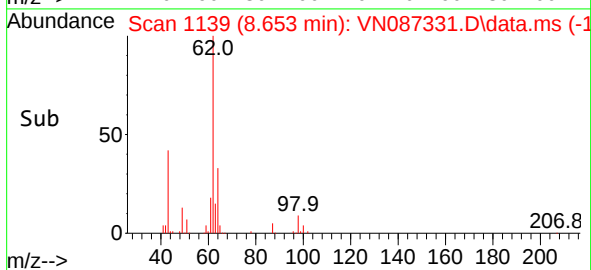
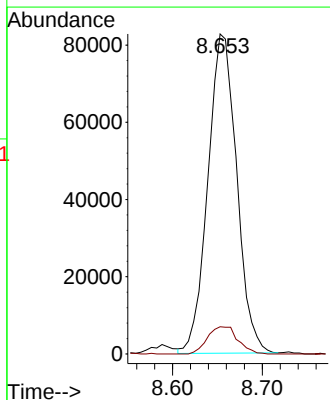
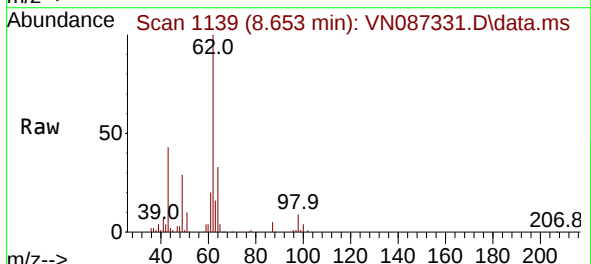
Manual Integrations
APPROVED

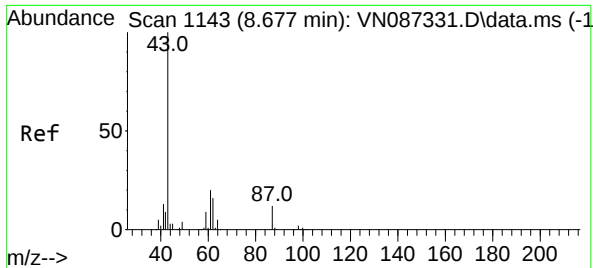
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#42
1,2-Dichloroethane
Concen: 50.759 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

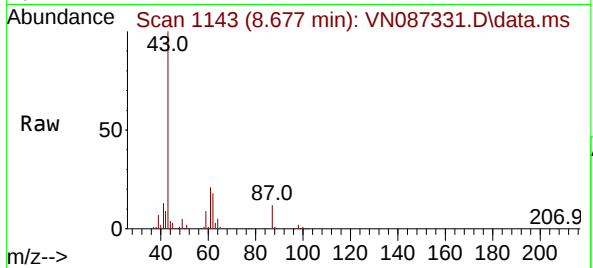
Tgt Ion: 62 Resp: 184670
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 52.399 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

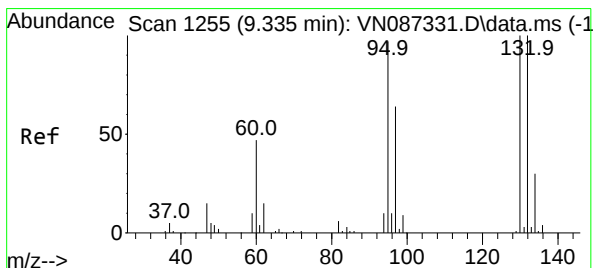
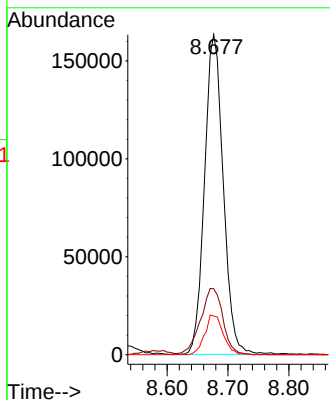
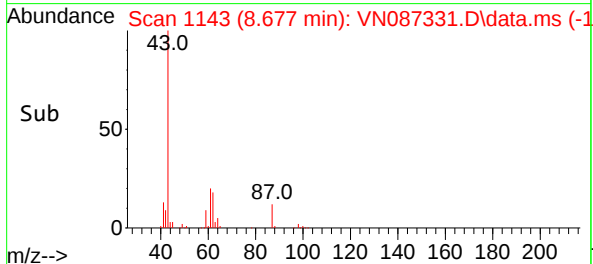
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 348709
Ion Ratio Lower Upper
43 100
61 24.8 19.8 29.8
87 12.2 9.8 14.6

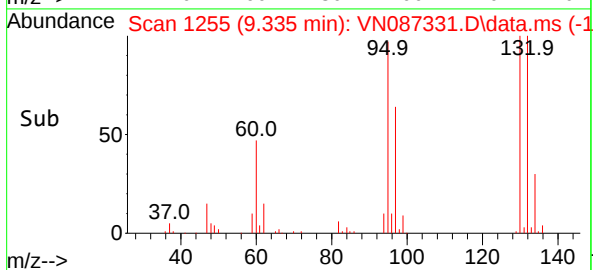
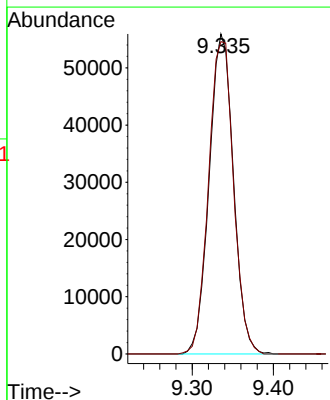
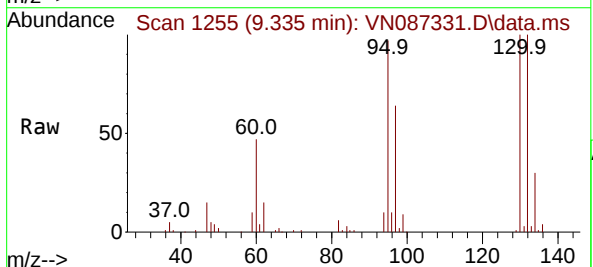
Manual Integrations
APPROVED

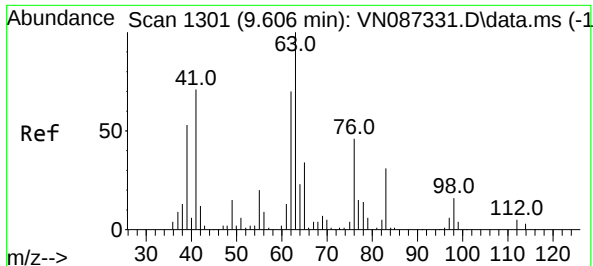
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#44
Trichloroethene
Concen: 51.160 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:130 Resp: 115974
Ion Ratio Lower Upper
130 100
95 97.6 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.726 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 128530

Ion Ratio Lower Upper

63 100

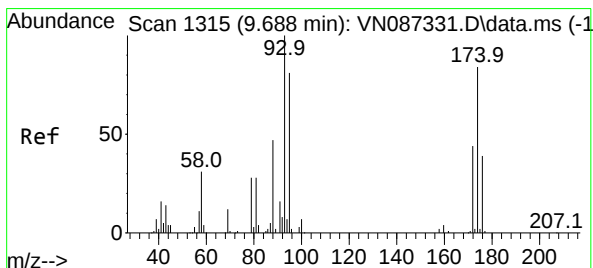
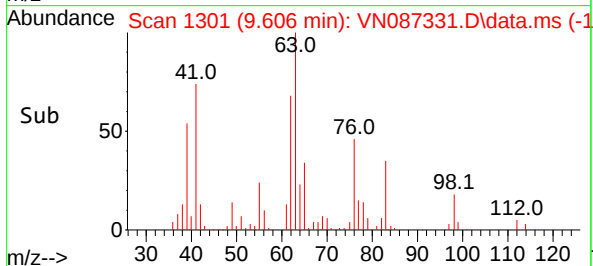
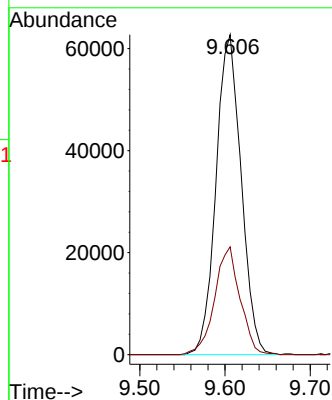
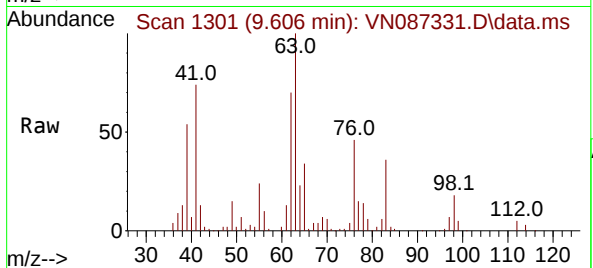
65 33.7 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#46

Dibromomethane

Concen: 51.601 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

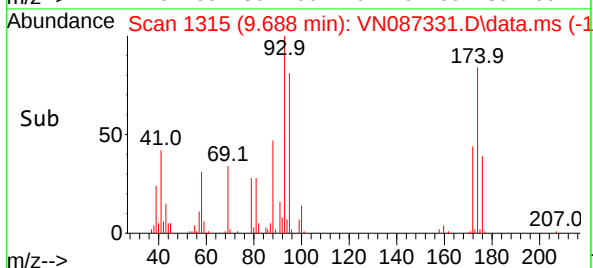
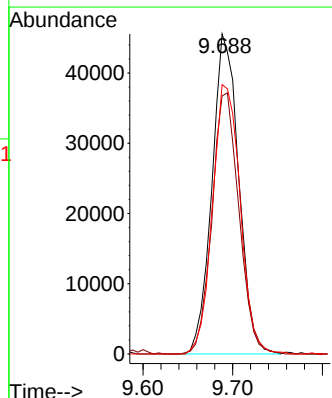
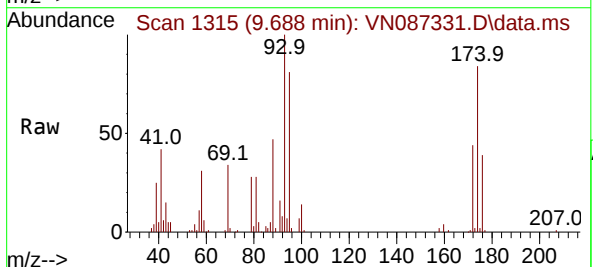
Tgt Ion: 93 Resp: 94179

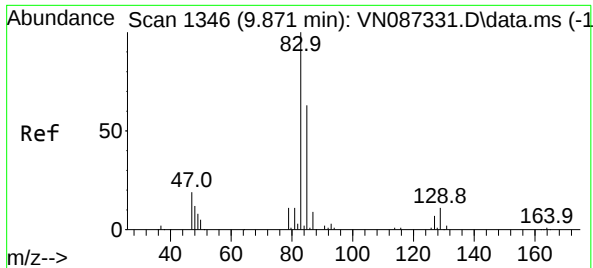
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 87.4 69.9 104.9





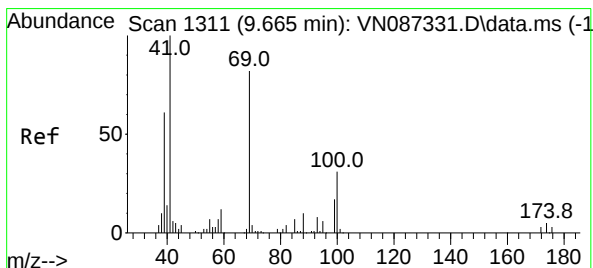
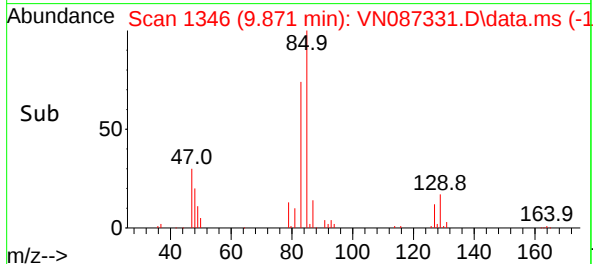
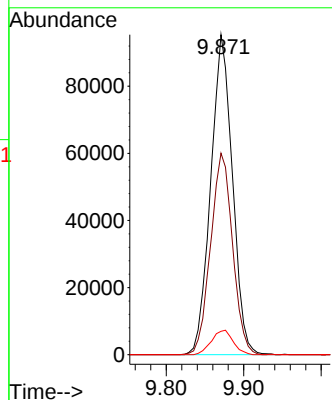
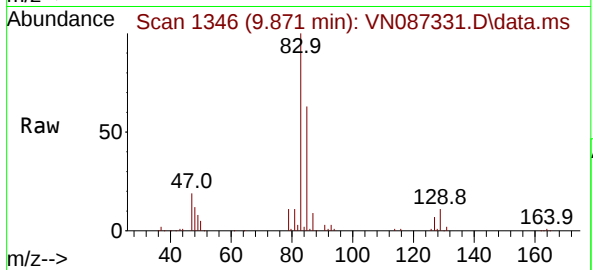
#47
Bromodichloromethane
Concen: 50.382 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 18522
Ion Ratio Lower Upper
83 100
85 63.0 50.4 75.6
127 7.3 5.8 8.8

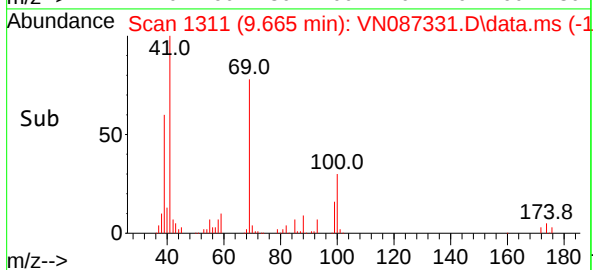
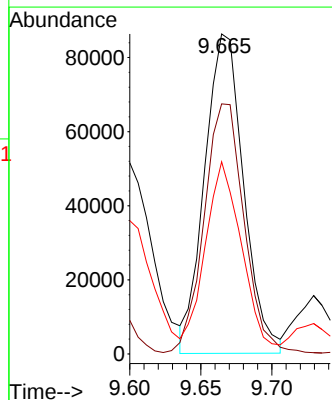
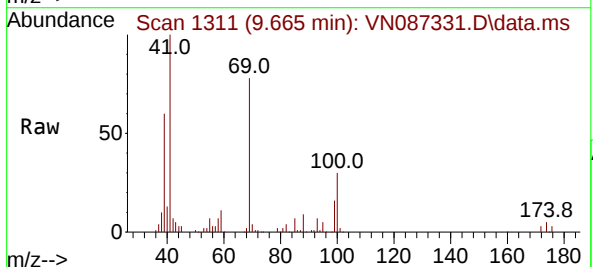
Manual Integrations
APPROVED

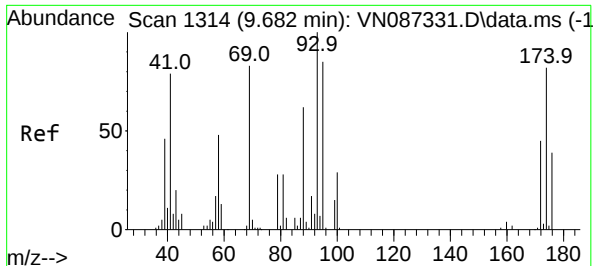
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#48
Methyl methacrylate
Concen: 54.899 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 41 Resp: 164476
Ion Ratio Lower Upper
41 100
69 80.1 64.1 96.1
39 56.9 45.5 68.3





#49

1,4-Dioxane

Concen: 1134.802 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 52072

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

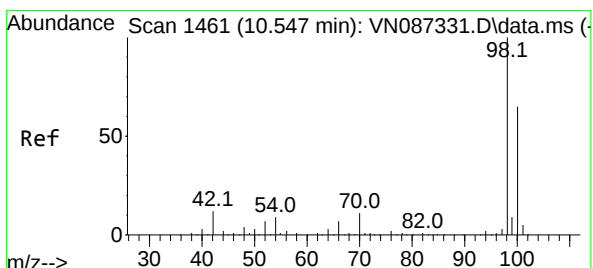
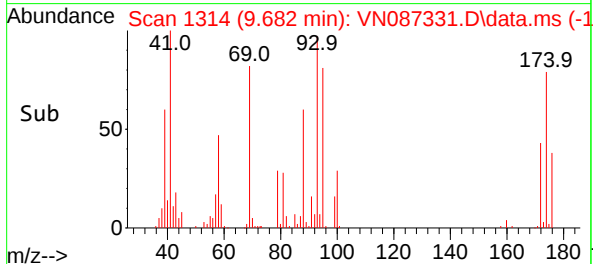
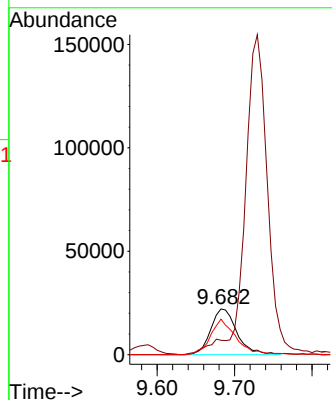
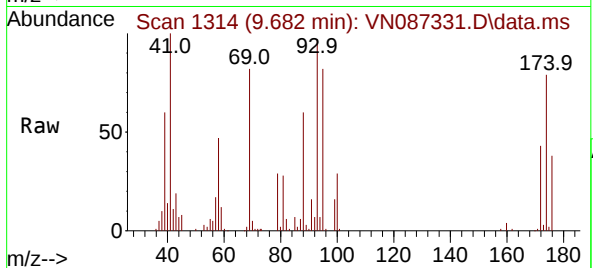
58 76.4 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#50

Toluene-d8

Concen: 49.757 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087331.D

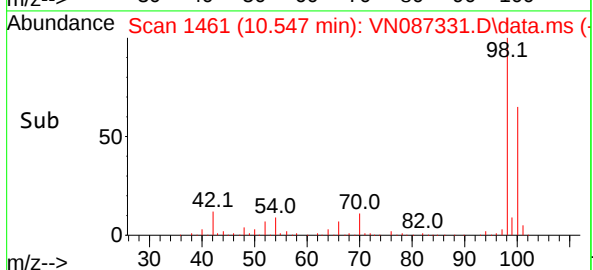
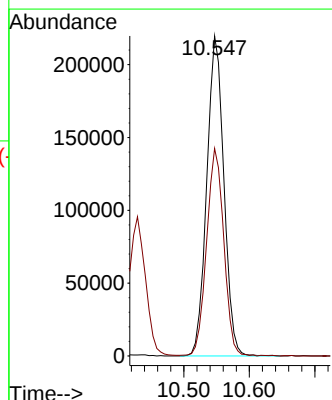
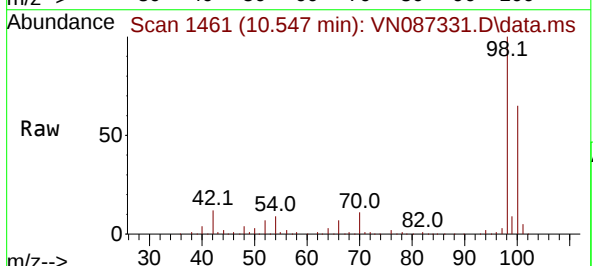
Acq: 16 Jul 2025 18:11

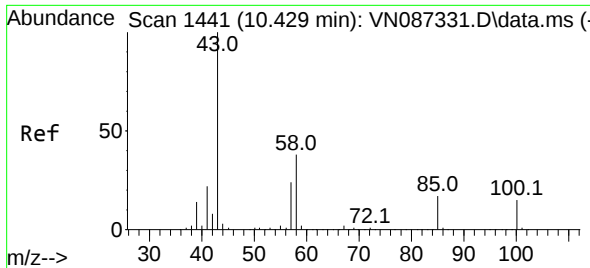
Tgt Ion: 98 Resp: 398776

Ion Ratio Lower Upper

98 100

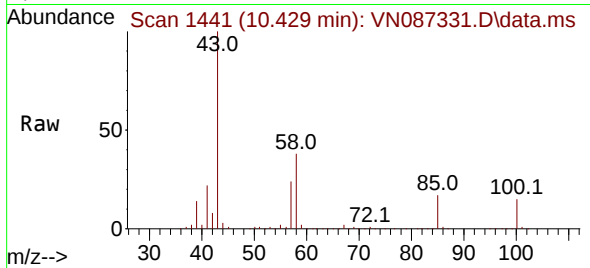
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 266.771 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

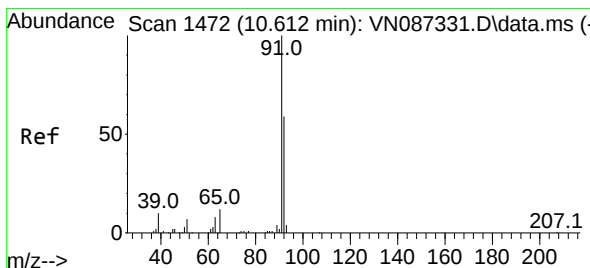
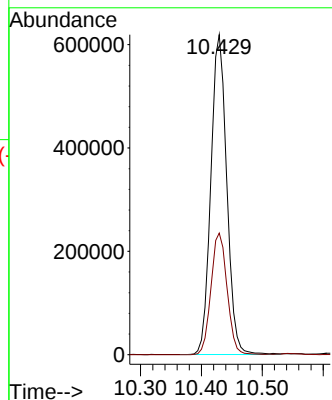
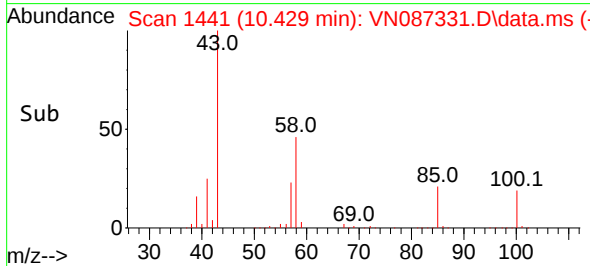
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 112285
Ion Ratio Lower Upper
43 100
58 38.5 30.8 46.2

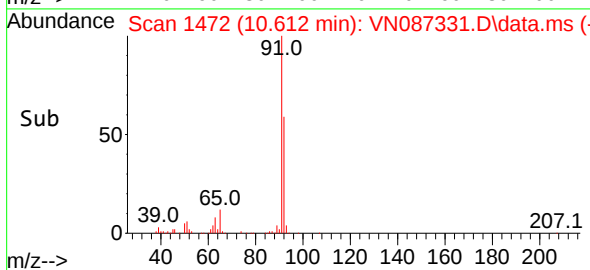
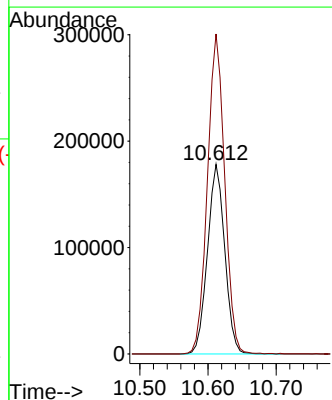
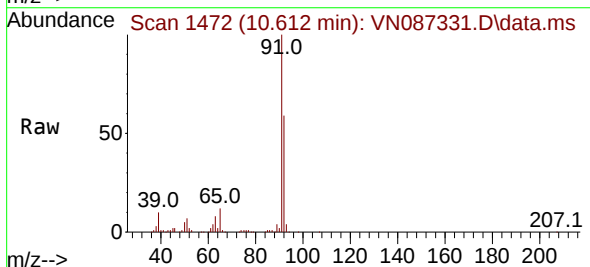
Manual Integrations
APPROVED

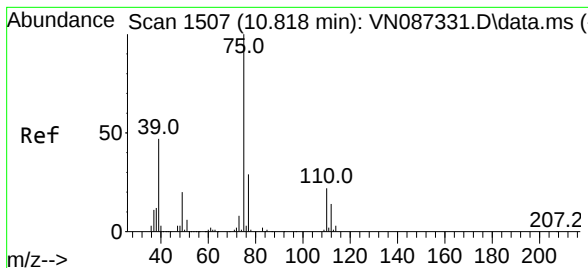
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#52
Toluene
Concen: 53.814 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

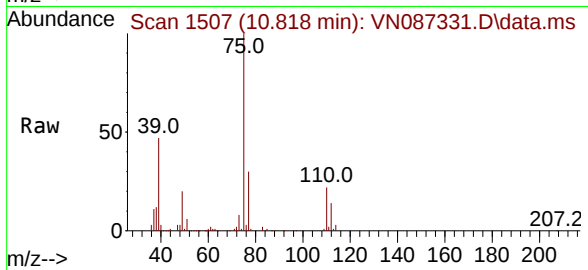
Tgt Ion: 92 Resp: 313806
Ion Ratio Lower Upper
92 100
91 168.9 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 54.327 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

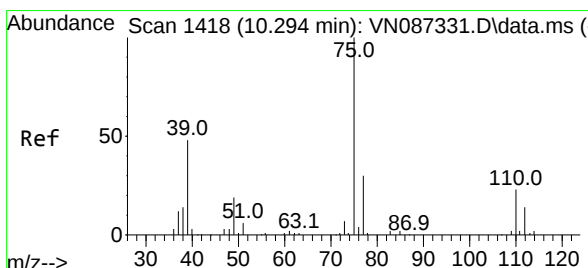
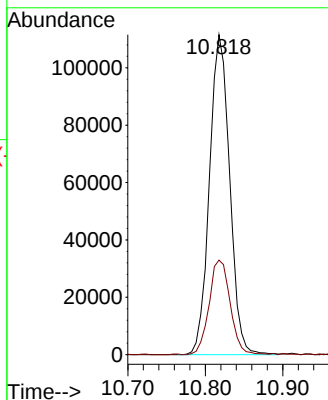
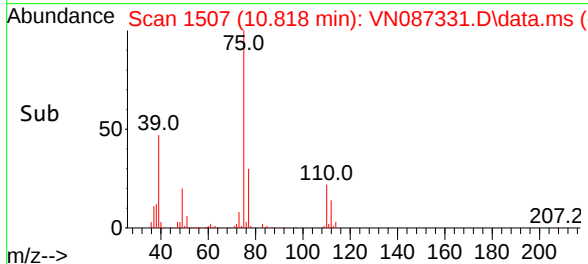
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 202129
Ion Ratio Lower Upper
75 100
77 29.5 23.6 35.4

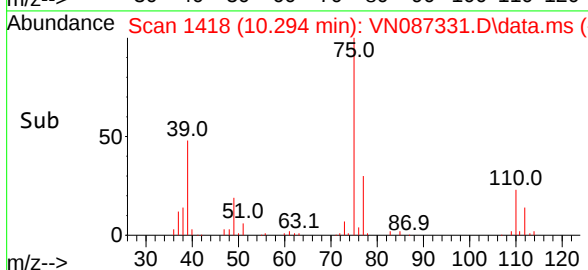
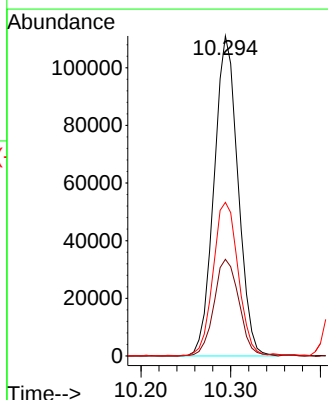
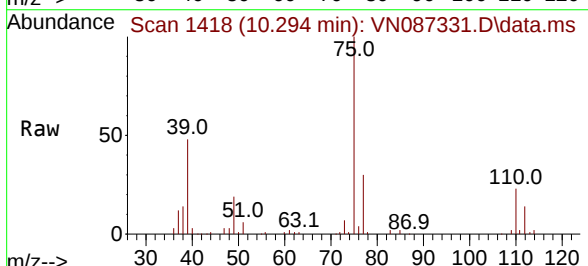
Manual Integrations
APPROVED

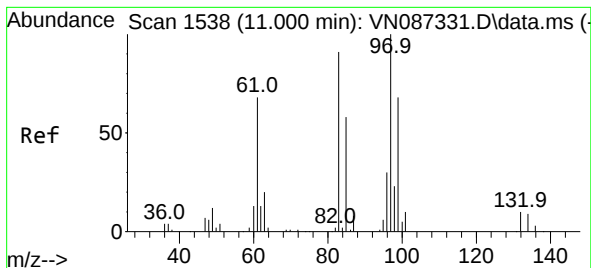
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#54
cis-1,3-Dichloropropene
Concen: 53.529 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

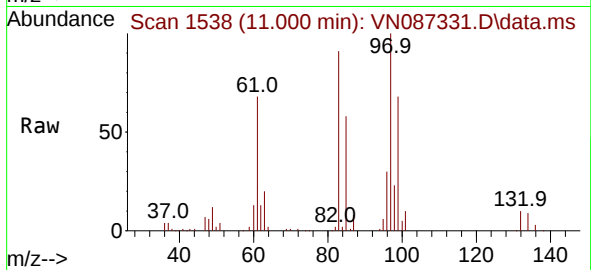
Tgt Ion: 75 Resp: 205720
Ion Ratio Lower Upper
75 100
77 30.2 24.2 36.2
39 48.0 38.4 57.6





#55
1,1,2-Trichloroethane
Concen: 50.666 ug/l
RT: 11.000 min Scan# 11961
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

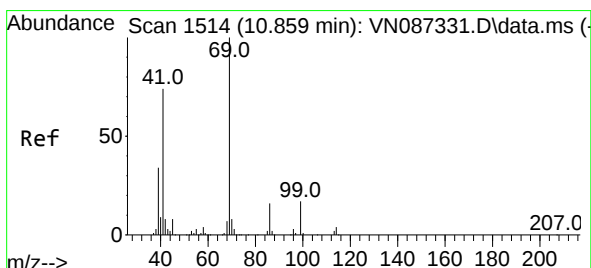
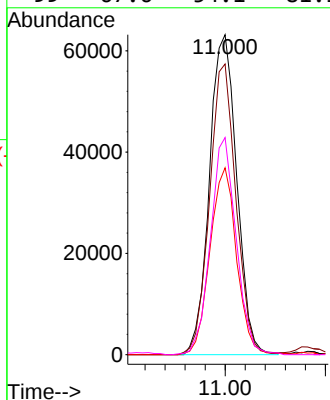
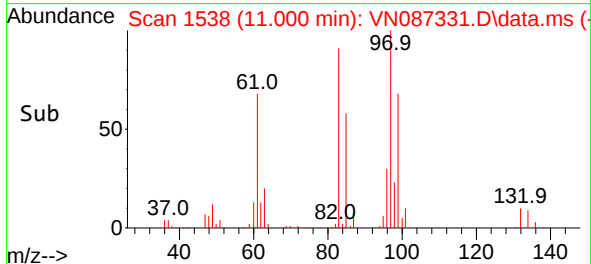
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



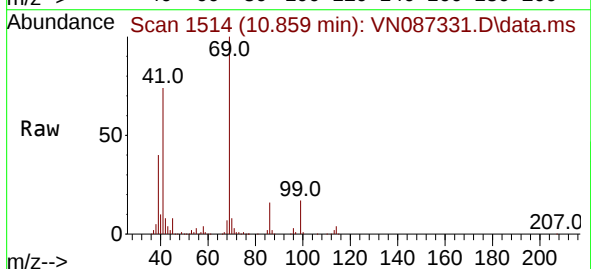
Tgt Ion: 97 Resp: 11961
Ion Ratio Lower Upper
97 100
83 90.8 72.6 109.0
85 58.4 46.7 70.1
99 67.6 54.1 81.1

Manual Integrations
APPROVED

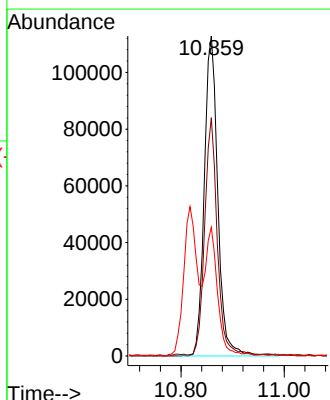
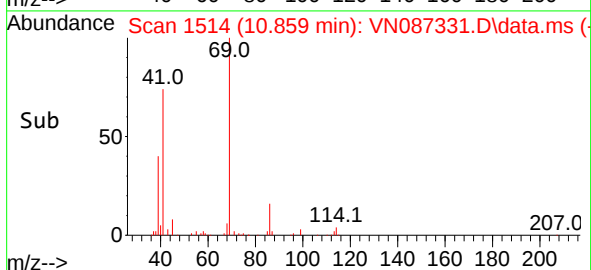
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

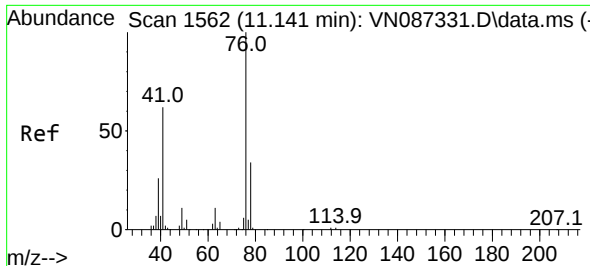


#56
Ethyl methacrylate
Concen: 51.427 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11



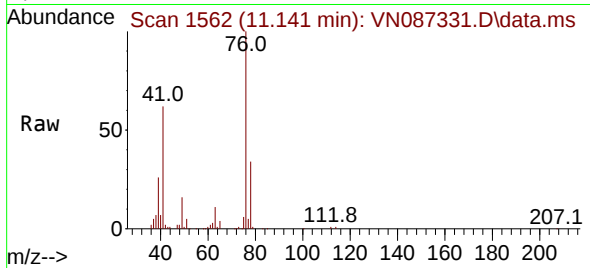
Tgt Ion: 69 Resp: 204376
Ion Ratio Lower Upper
69 100
41 68.9 55.1 82.7
39 34.9 27.9 41.9





#57
1,3-Dichloropropane
Concen: 52.267 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

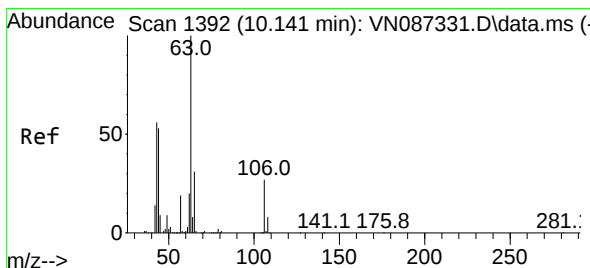
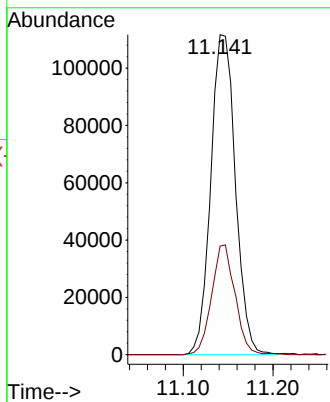
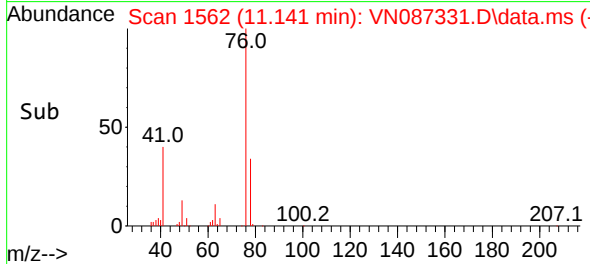
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



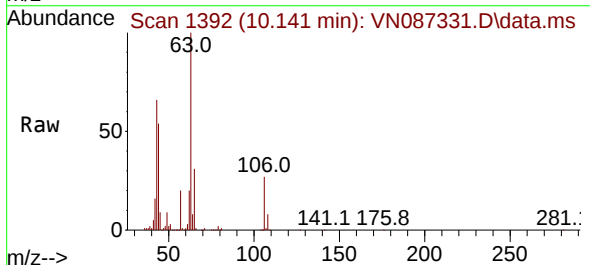
Tgt Ion: 76 Resp: 21334
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

Manual Integrations
APPROVED

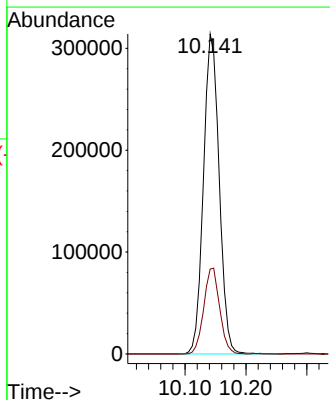
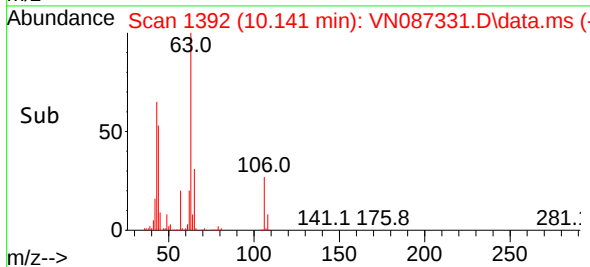
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

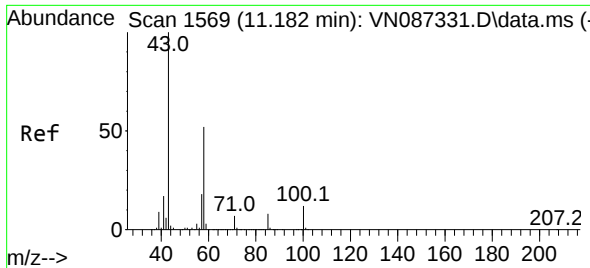


#58
2-Chloroethyl Vinyl ether
Concen: 290.607 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11



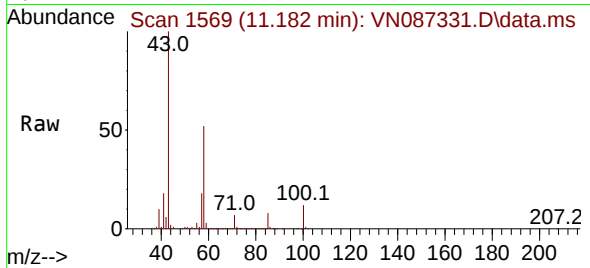
Tgt Ion: 63 Resp: 562790
Ion Ratio Lower Upper
63 100
106 27.1 21.7 32.5





#59
2-Hexanone
Concen: 288.920 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

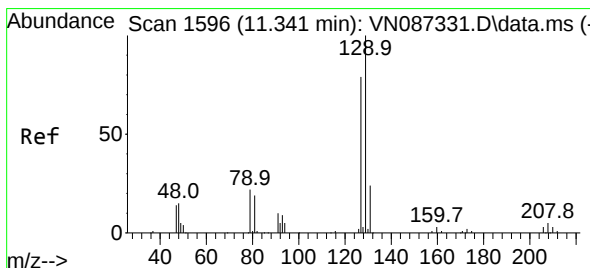
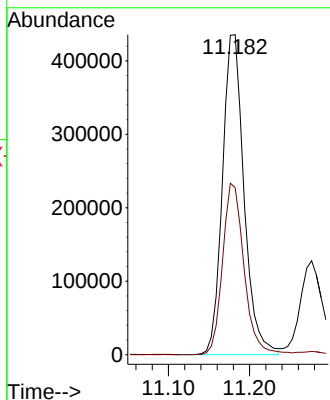
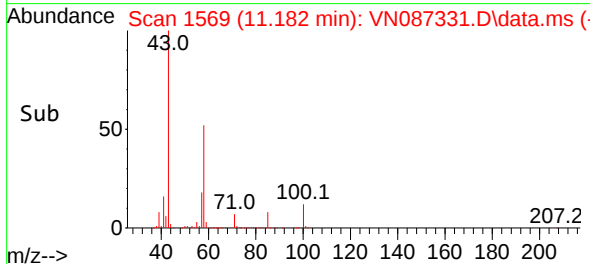
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 806824
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.0

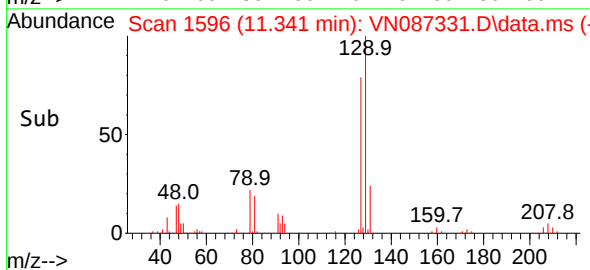
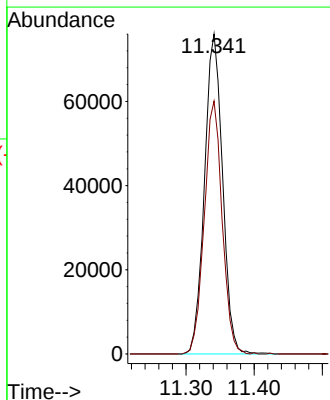
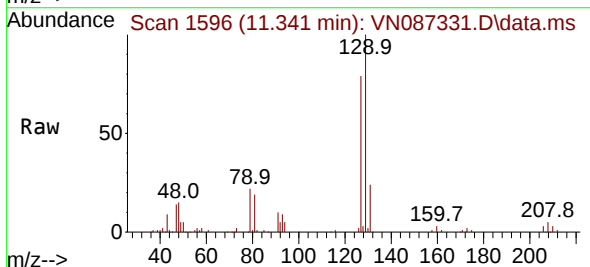
Manual Integrations
APPROVED

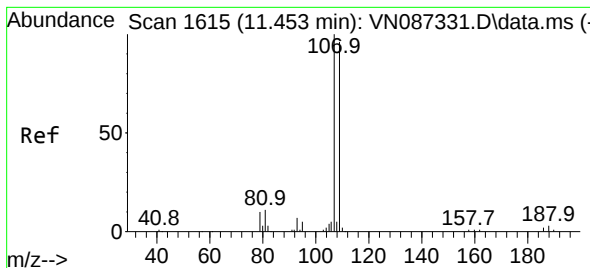
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#60
Dibromochloromethane
Concen: 51.982 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:129 Resp: 139955
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5





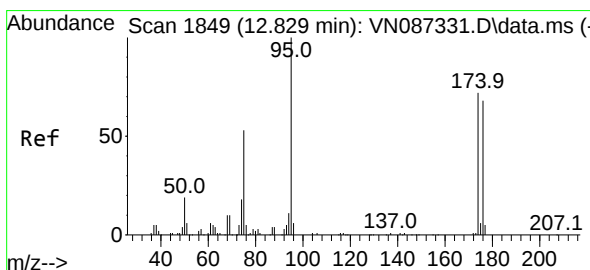
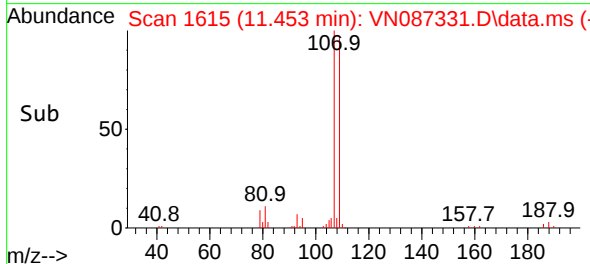
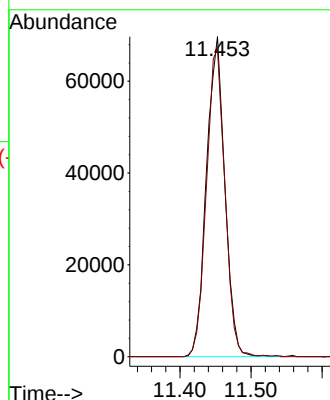
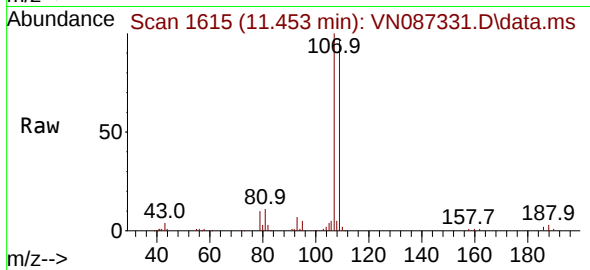
#61
1,2-Dibromoethane
Concen: 50.525 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 125410
Ion Ratio Lower Upper
107 100
109 96.9 77.5 116.3

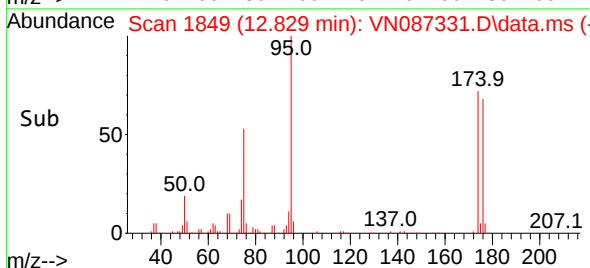
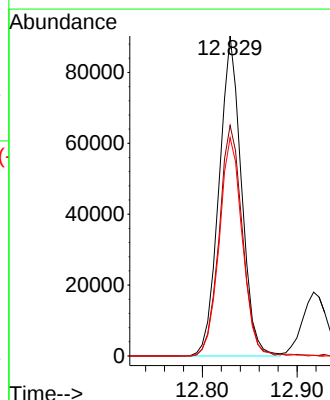
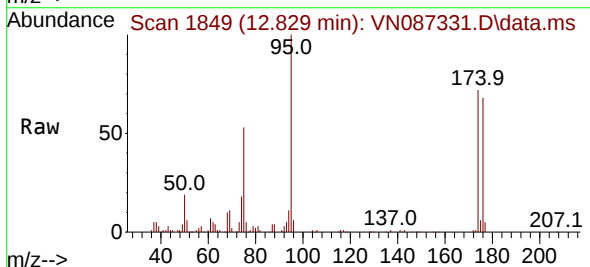
Manual Integrations
APPROVED

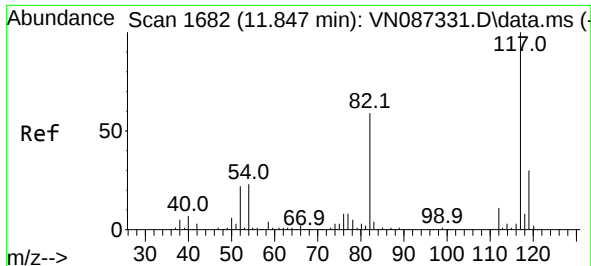
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#62
4-Bromofluorobenzene
Concen: 50.037 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

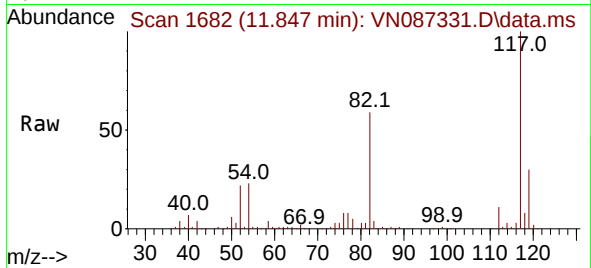
Tgt Ion: 95 Resp: 148158
Ion Ratio Lower Upper
95 100
174 74.7 0.0 149.4
176 70.6 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

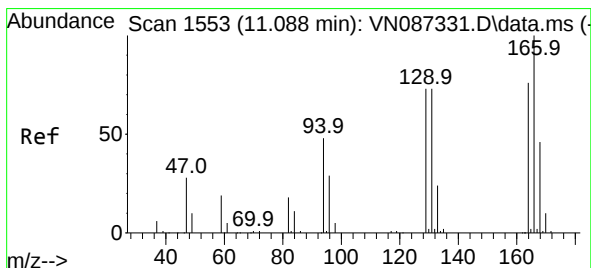
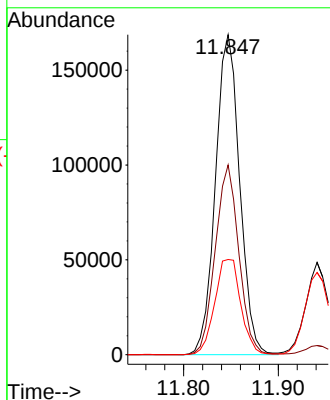
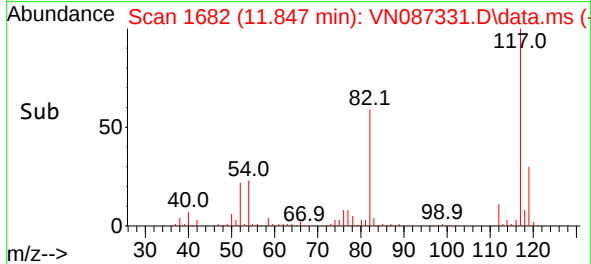
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 300150
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 29.8 23.8 35.8

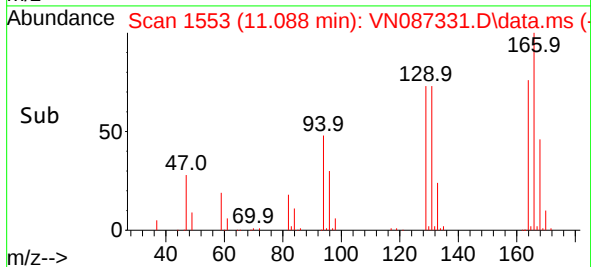
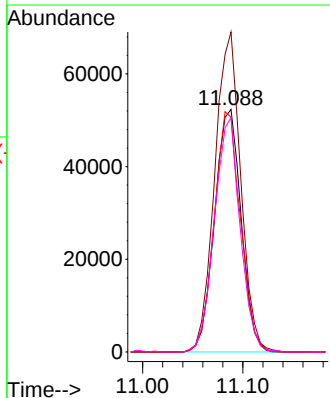
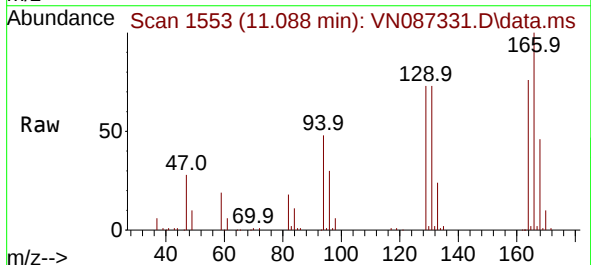
Manual Integrations
APPROVED

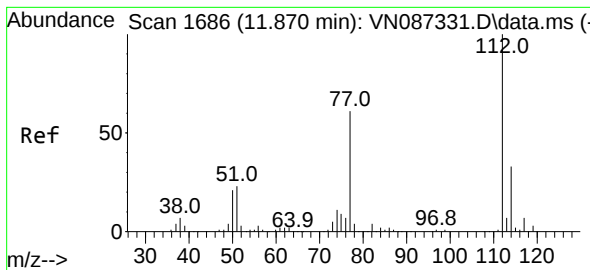
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#64
Tetrachloroethene
Concen: 49.786 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

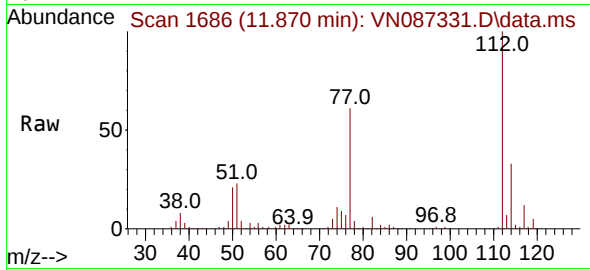
Tgt Ion:164 Resp: 96176
Ion Ratio Lower Upper
164 100
166 131.9 105.5 158.3
129 96.8 77.4 116.2
131 96.6 77.3 115.9





#65
Chlorobenzene
Concen: 49.837 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

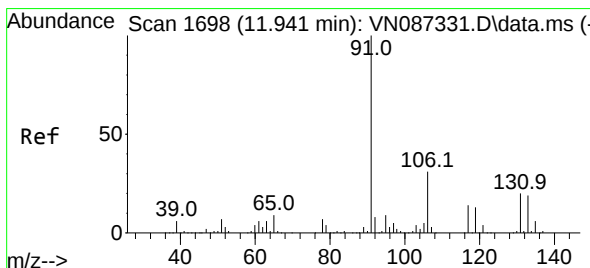
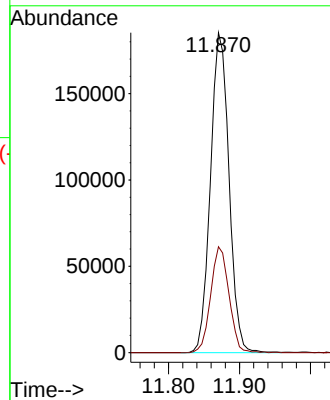
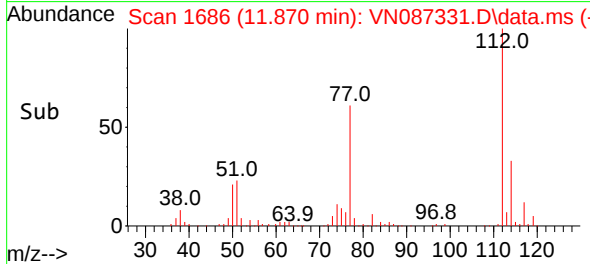
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 335833
Ion Ratio Lower Upper
112 100
114 33.1 26.5 39.7

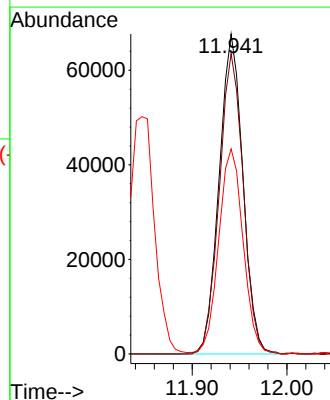
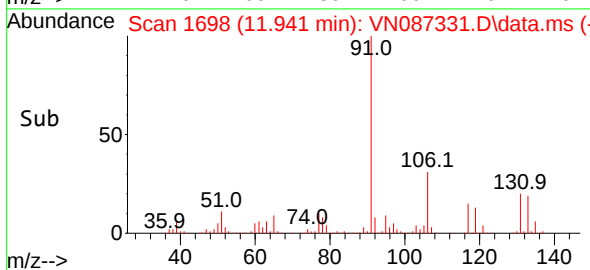
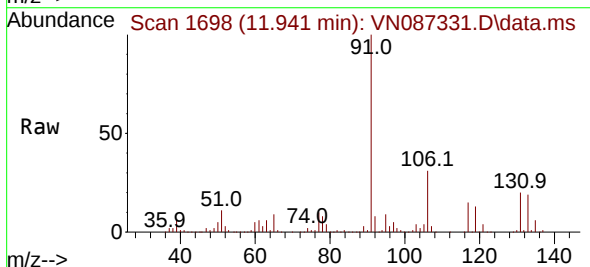
Manual Integrations
APPROVED

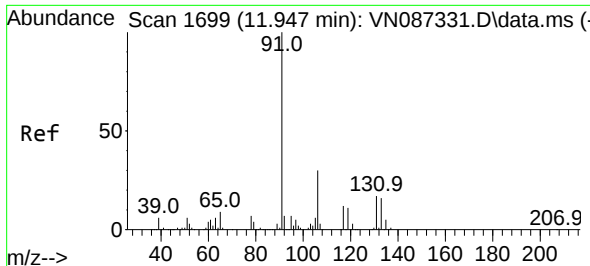
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.425 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

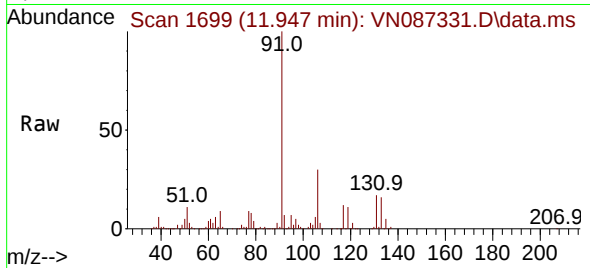
Tgt Ion:131 Resp: 117833
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 66.1 33.1 99.2





#67
Ethyl Benzene
Concen: 52.540 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

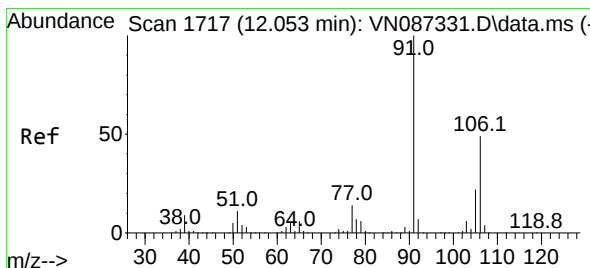
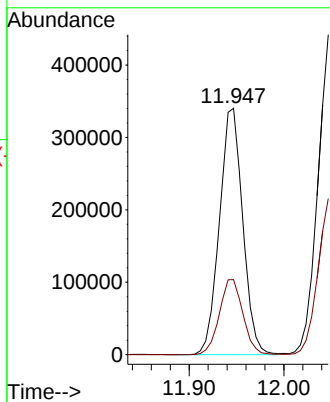
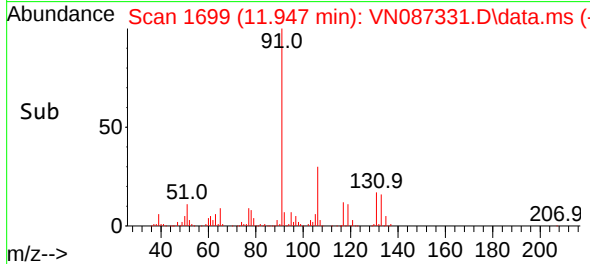
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



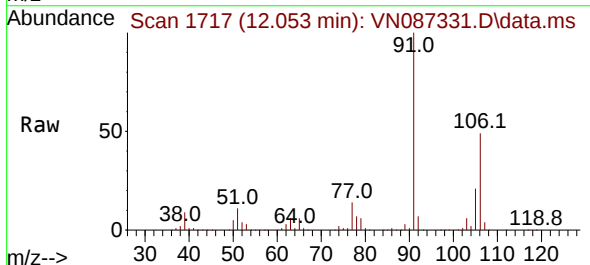
Tgt Ion: 91 Resp: 58285
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

Manual Integrations
APPROVED

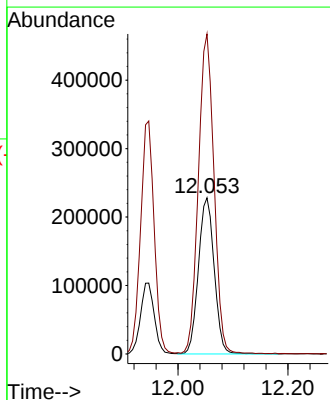
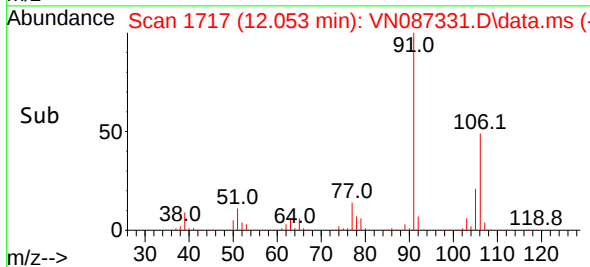
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

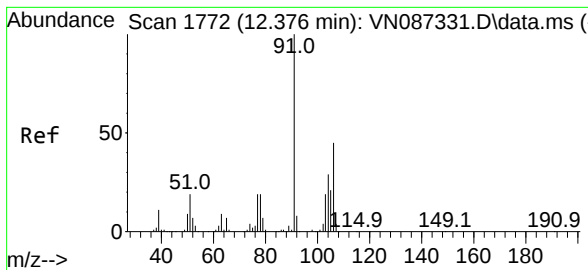


#68
m/p-Xylenes
Concen: 109.536 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11



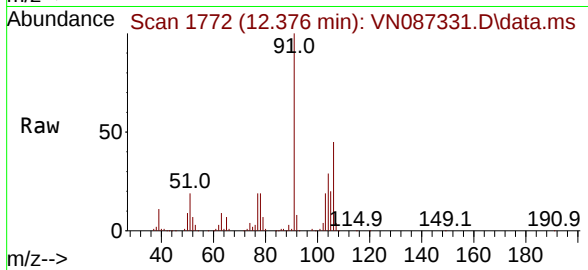
Tgt Ion:106 Resp: 455017
Ion Ratio Lower Upper
106 100
91 202.5 162.0 243.0





#69
o-Xylene
Concen: 54.717 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

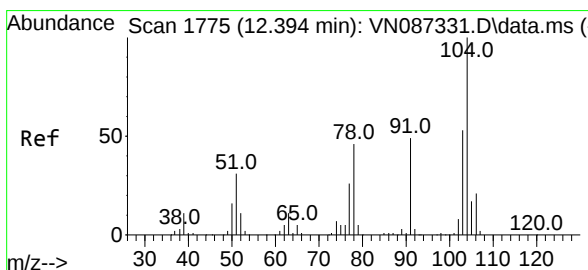
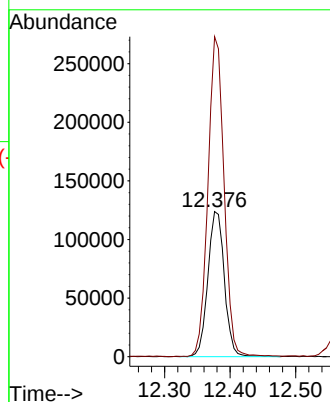
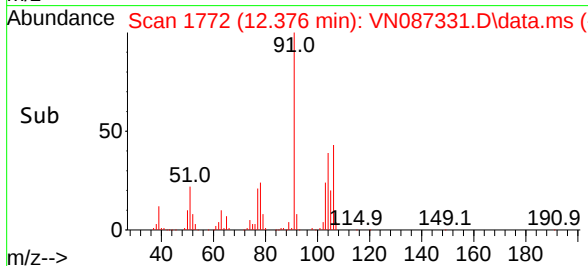
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 21712
Ion Ratio Lower Upper
106 100
91 215.5 107.7 323.3

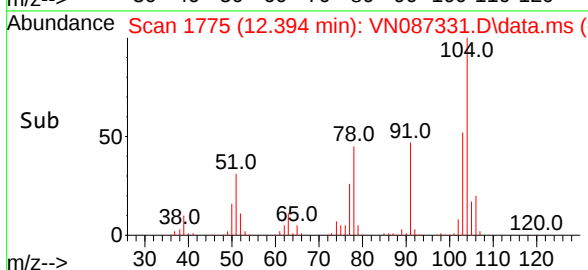
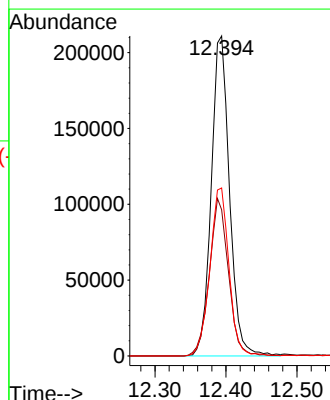
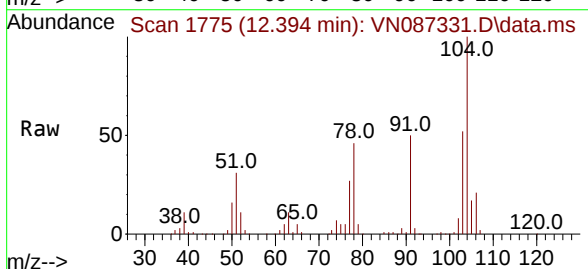
Manual Integrations
APPROVED

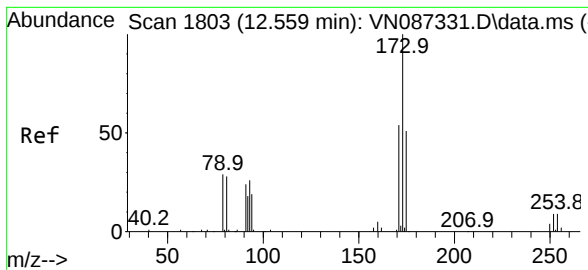
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#70
Styrene
Concen: 56.440 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

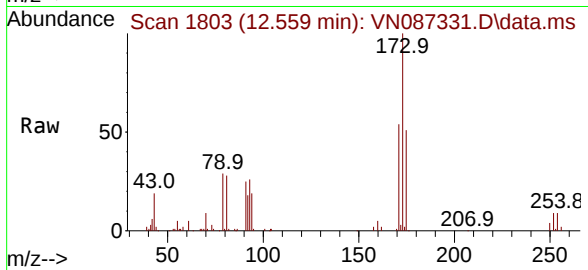
Tgt Ion:104 Resp: 376745
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 54.9 43.9 65.9





#71
Bromoform
Concen: 53.237 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

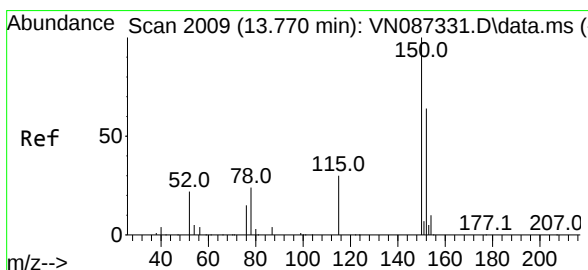
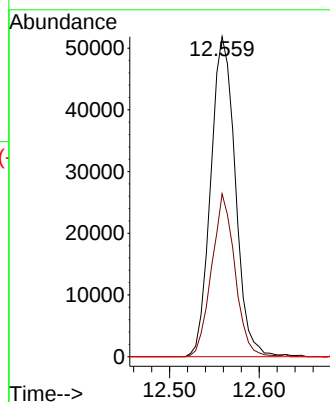
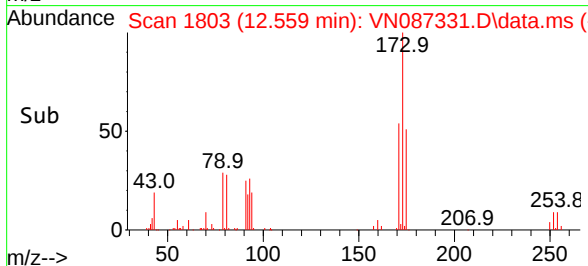
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



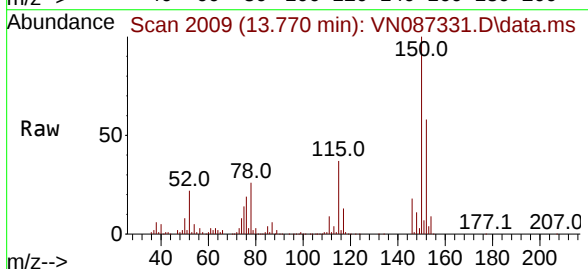
Tgt Ion:173 Resp: 98549
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

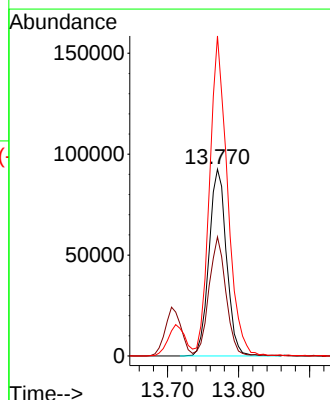
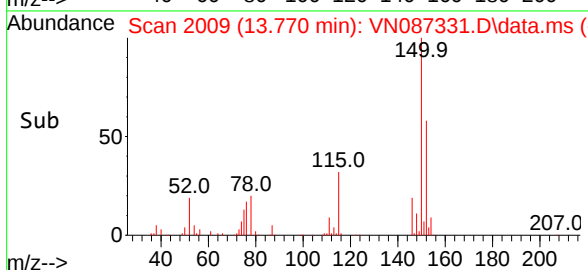
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

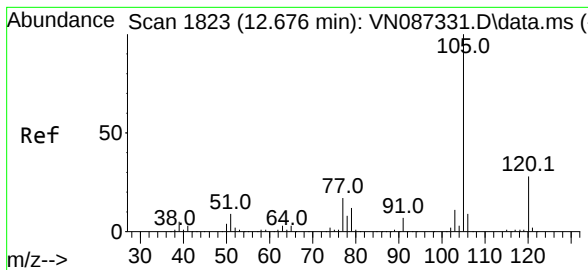


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11



Tgt Ion:152 Resp: 158477
Ion Ratio Lower Upper
152 100
115 62.3 31.1 93.5
150 174.5 0.0 349.0





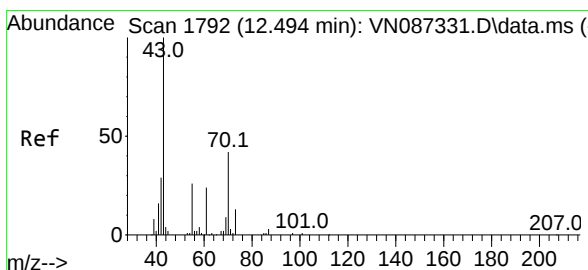
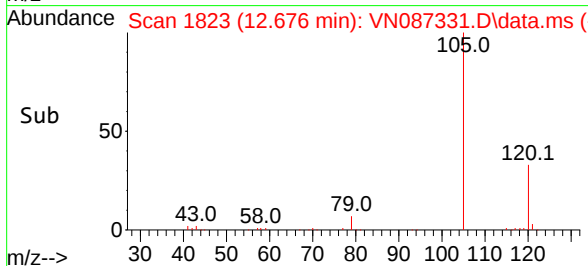
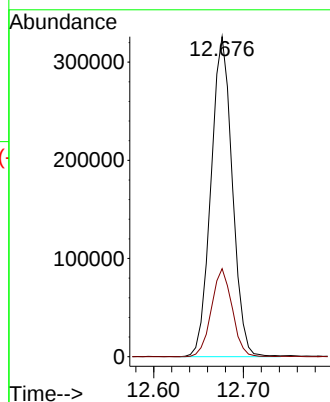
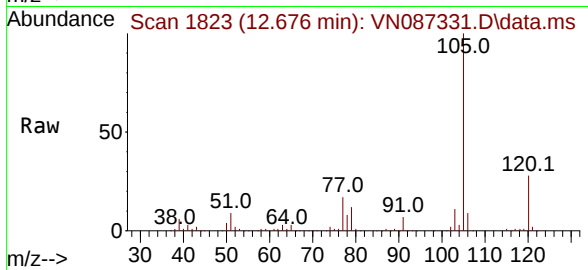
#73
Isopropylbenzene
Concen: 53.964 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 53824
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

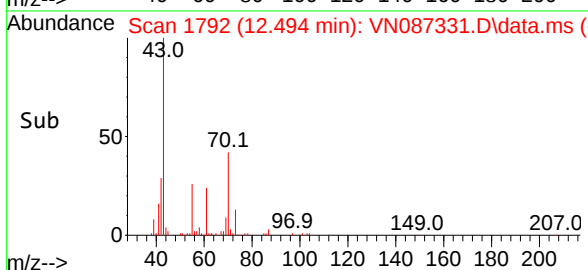
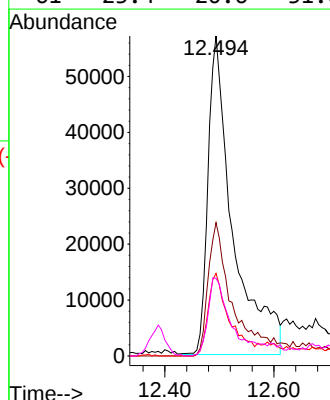
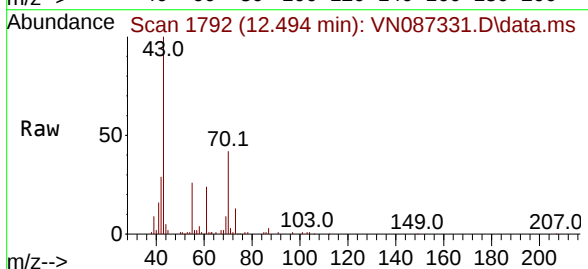
Manual Integrations
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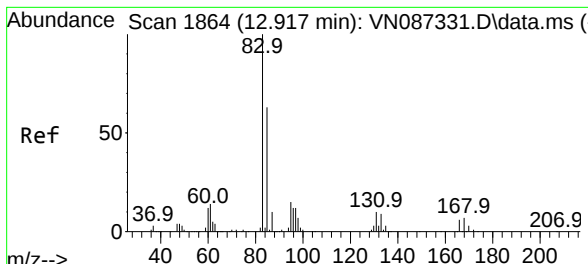
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#74
N-ethyl acetate
Concen: 46.310 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 43 Resp: 180343
Ion Ratio Lower Upper
43 100
70 42.5 37.6 56.4
55 22.2 19.6 29.4
61 23.4 20.6 31.0





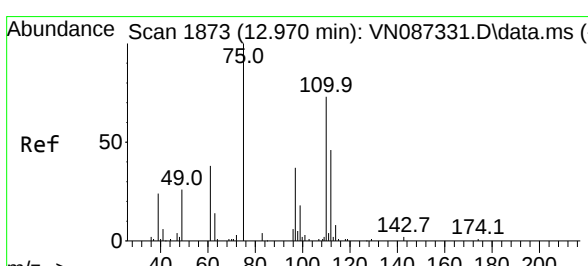
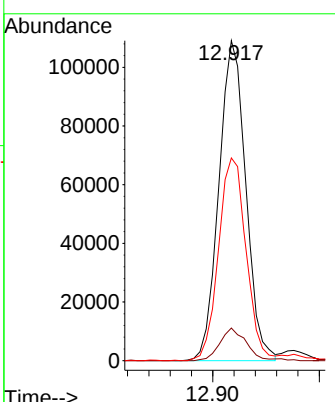
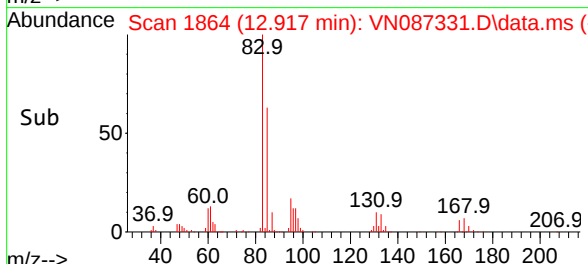
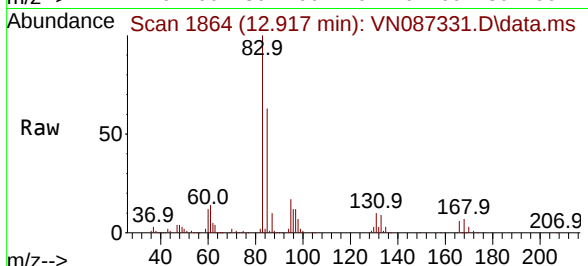
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.964 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050

Tgt Ion:	83	Resp:	19127
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	64.9	32.5	97.4

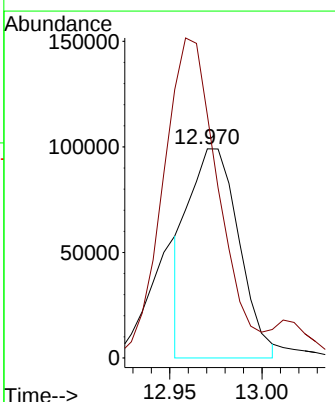
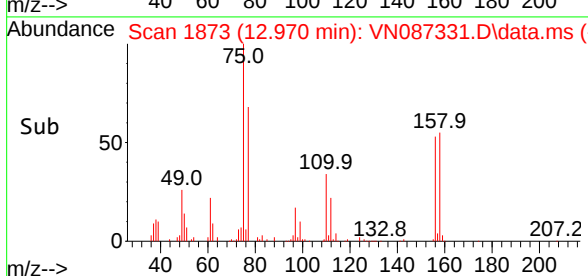
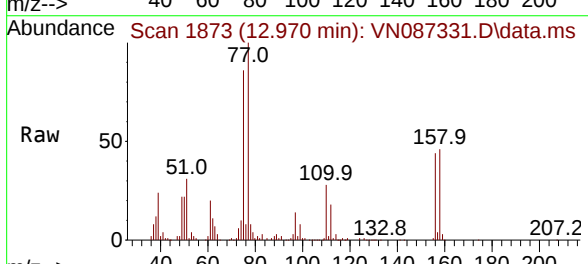
Manual Integrations
 APPROVED

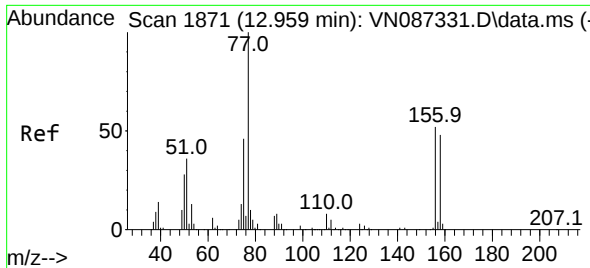
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#76
 1,2,3-Trichloropropane
 Concen: 53.705 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

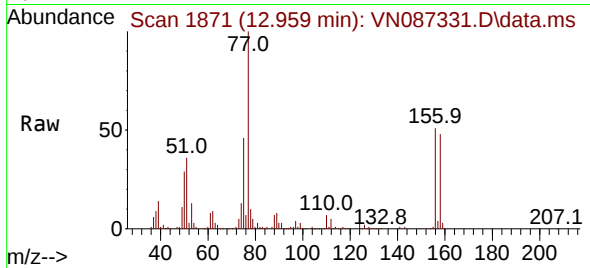
Tgt Ion:	75	Resp:	188824
Ion Ratio	Lower	Upper	
75	100		
77	167.4	94.5	283.6





#77
Bromobenzene
Concen: 53.221 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

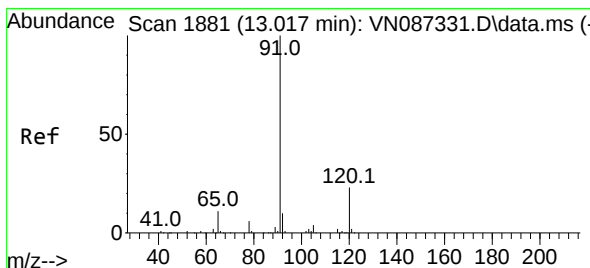
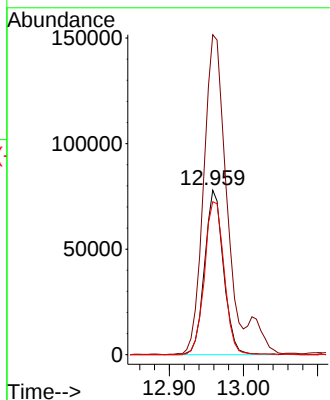
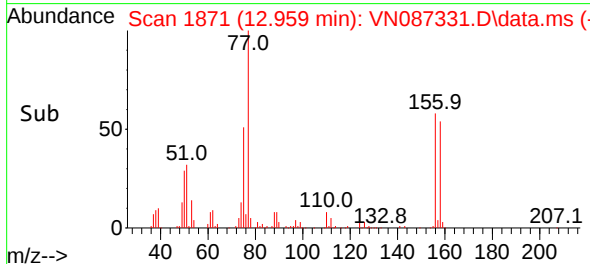
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 137669
Ion Ratio Lower Upper
156 100
77 229.7 114.9 344.6
158 97.0 48.5 145.5

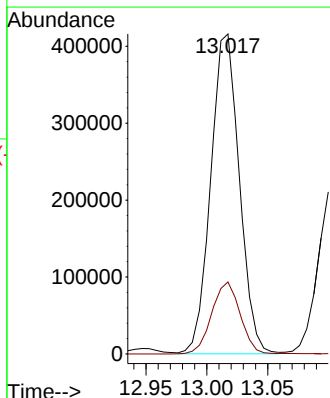
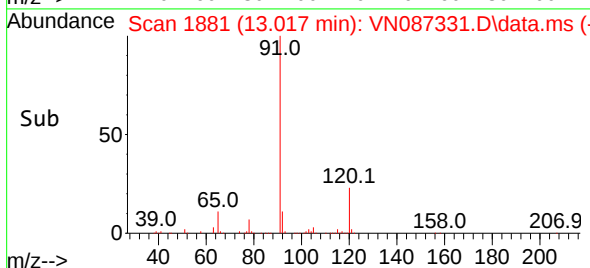
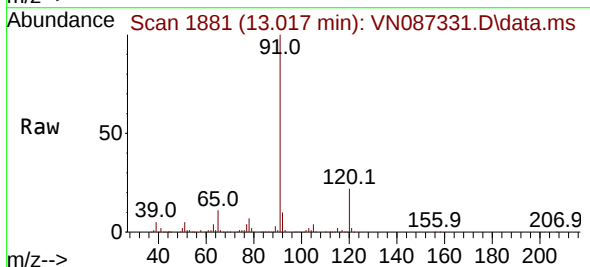
Manual Integrations
APPROVED

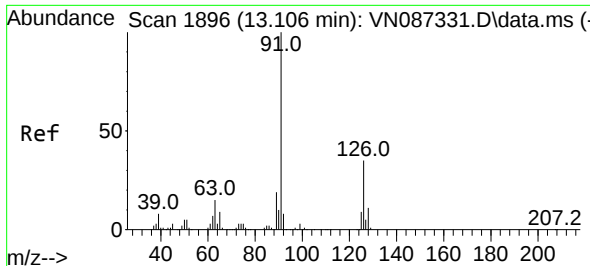
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#78
n-propylbenzene
Concen: 54.227 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 91 Resp: 680506
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





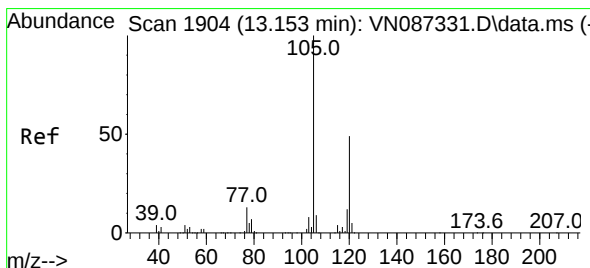
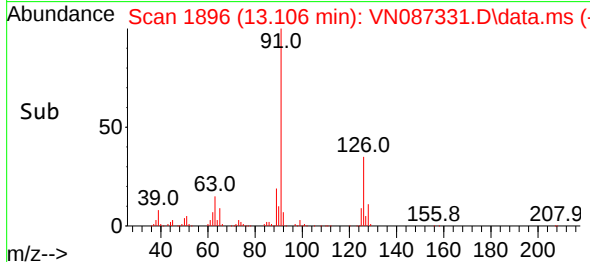
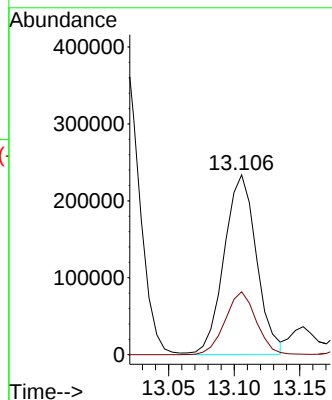
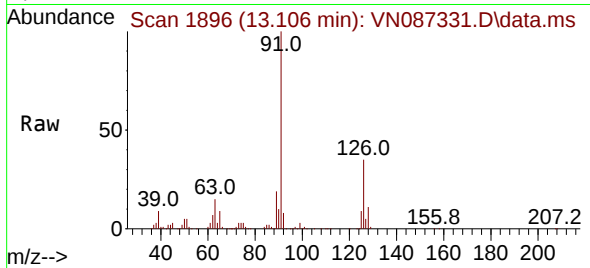
#79
2-Chlorotoluene
Concen: 52.051 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 401444
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6

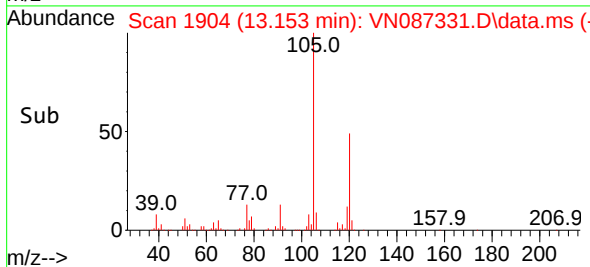
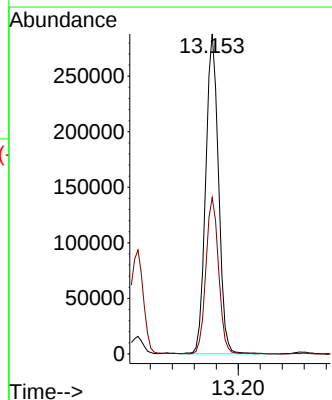
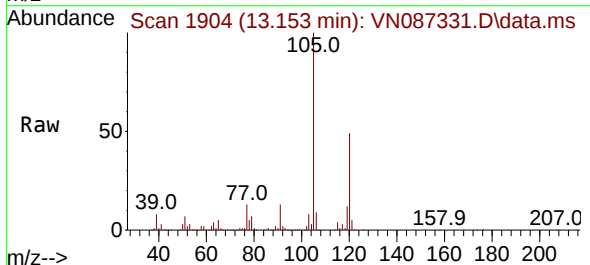
Manual Integrations
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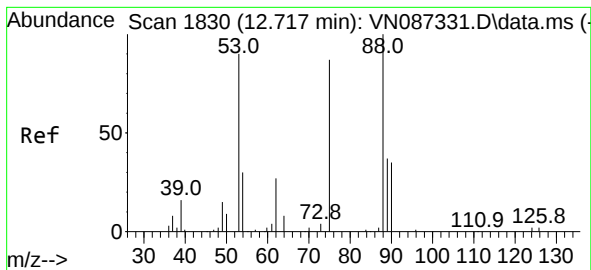
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.607 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:105 Resp: 464063
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





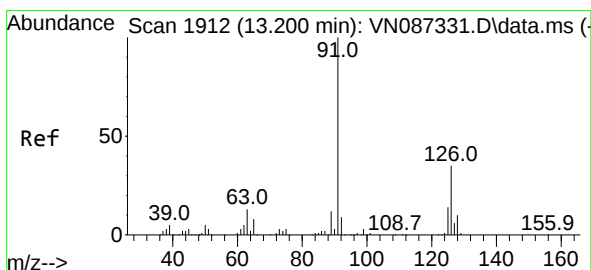
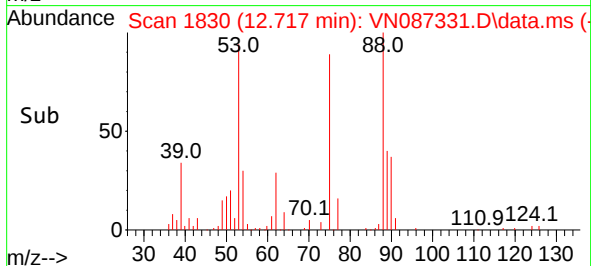
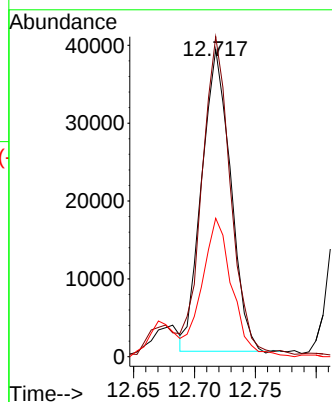
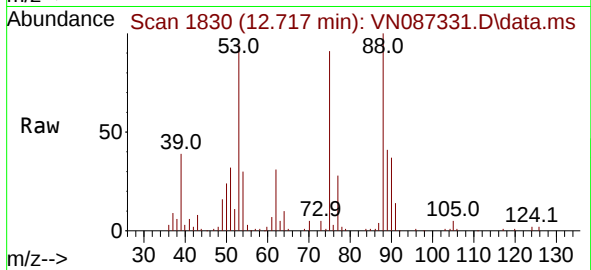
#81
trans-1,4-Dichloro-2-butene
Concen: 49.271 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 6399
Ion Ratio Lower Upper
75 100
53 104.5 83.5 125.3
89 48.0 38.4 57.6

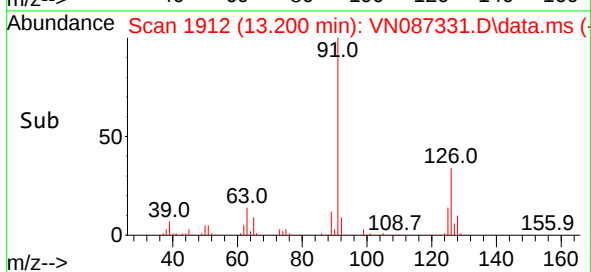
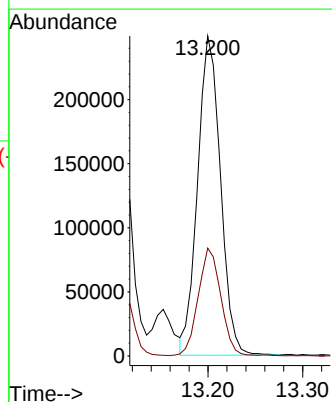
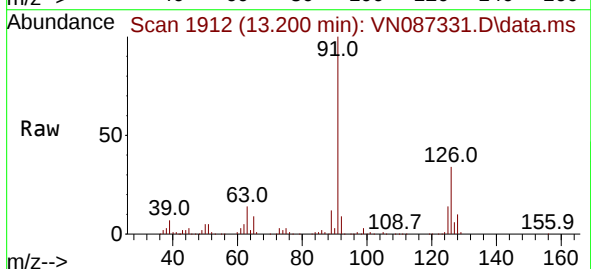
Manual Integrations
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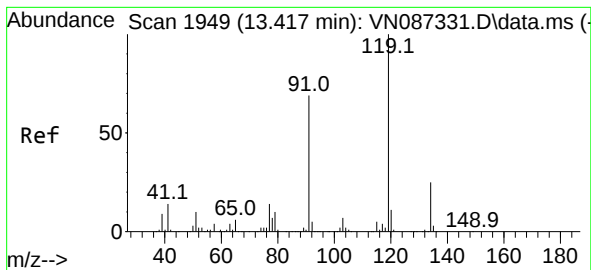
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#82
4-Chlorotoluene
Concen: 52.240 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion: 91 Resp: 419474
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7





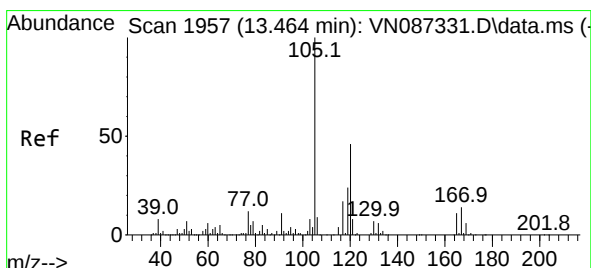
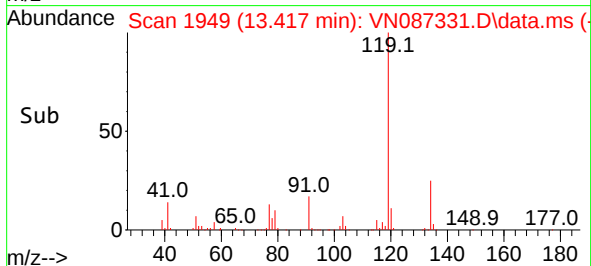
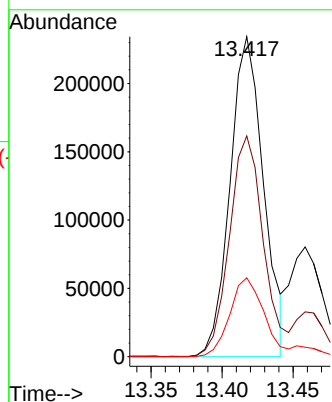
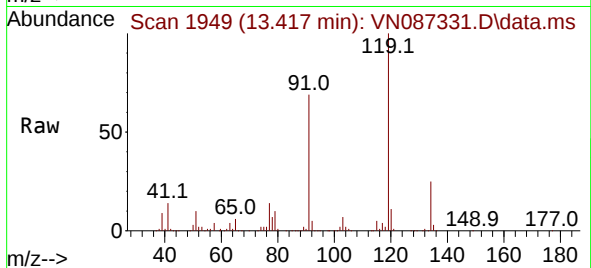
#83
tert-Butylbenzene
Concen: 54.099 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 383980
Ion Ratio Lower Upper
119 100
91 70.1 35.0 105.1
134 25.1 12.6 37.6

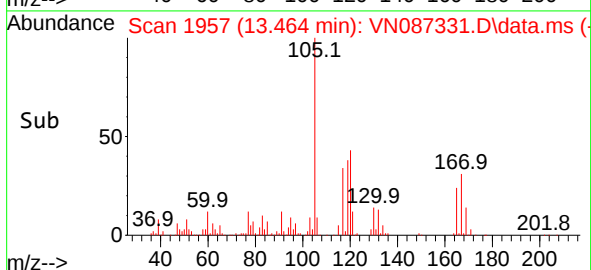
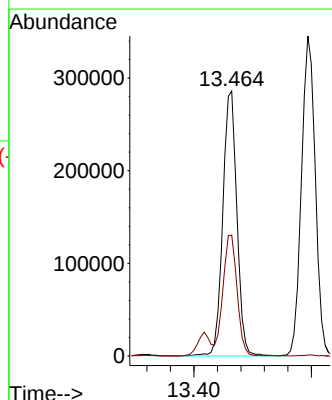
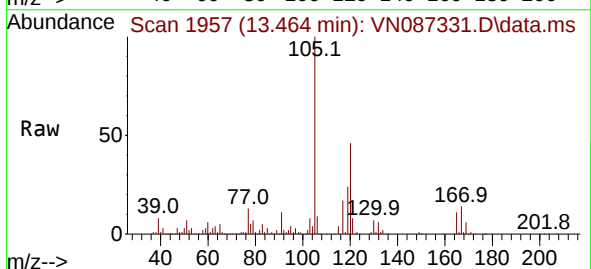
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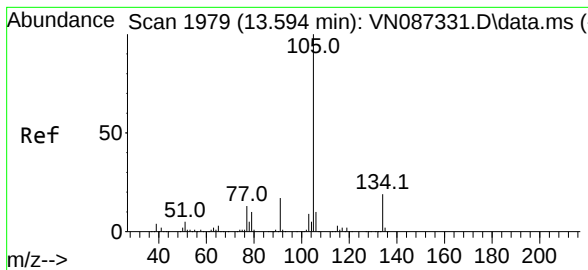
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#84
1,2,4-Trimethylbenzene
Concen: 54.846 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Tgt Ion:105 Resp: 475982
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.3





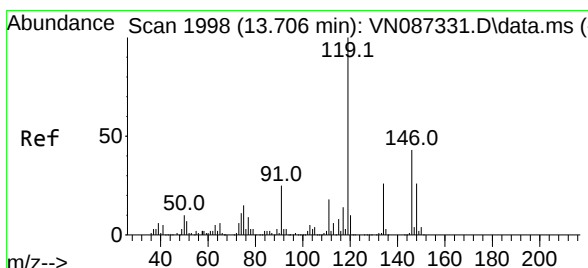
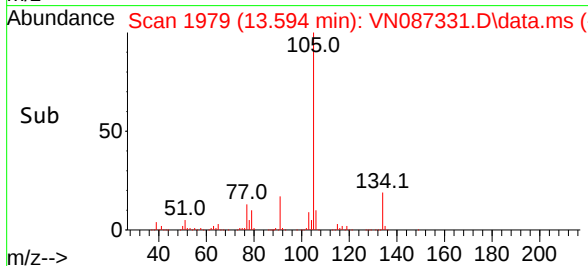
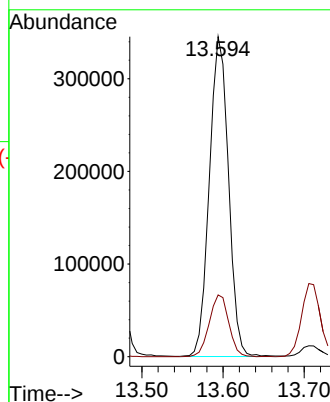
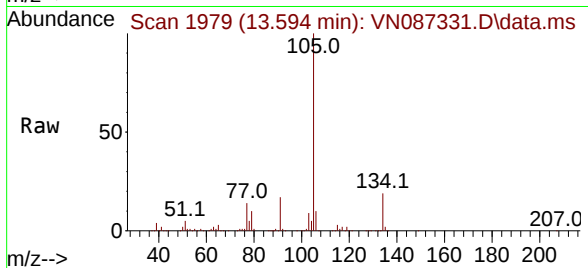
#85
 sec-Butylbenzene
 Concen: 52.851 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 565038
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

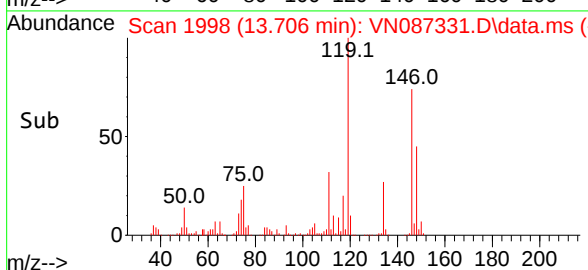
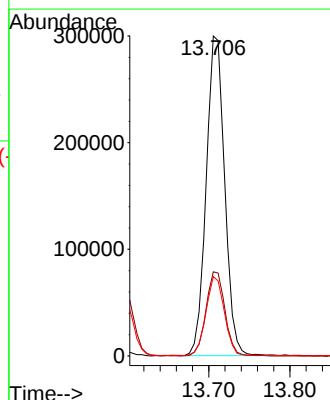
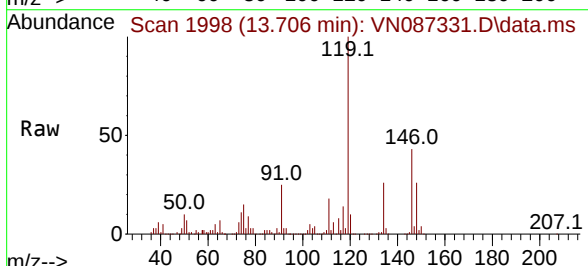
Manual Integrations
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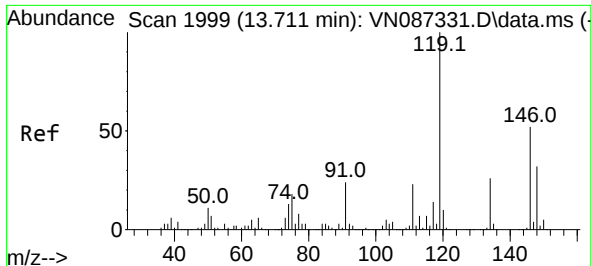
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#86
 p-Isopropyltoluene
 Concen: 55.316 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

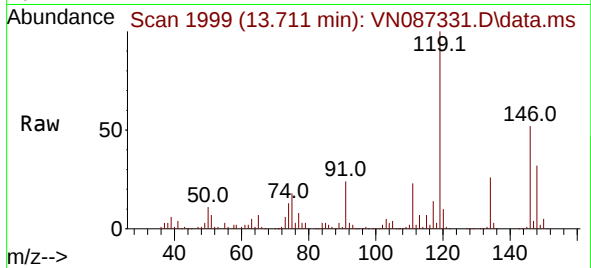
Tgt Ion:119 Resp: 473942
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 24.4 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 51.740 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

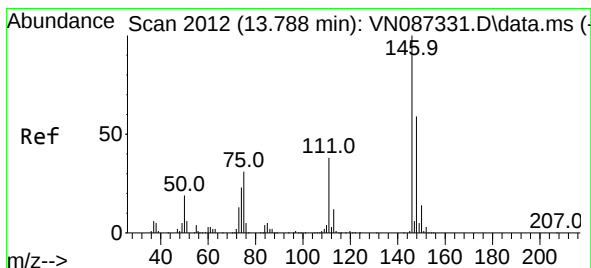
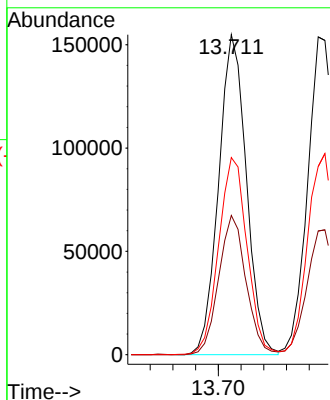
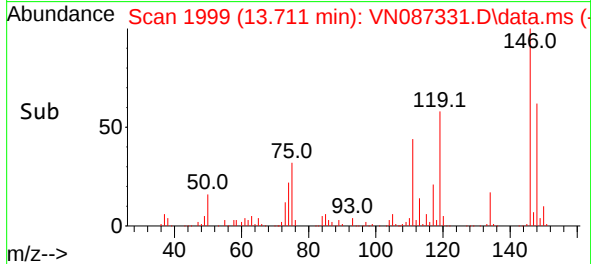
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



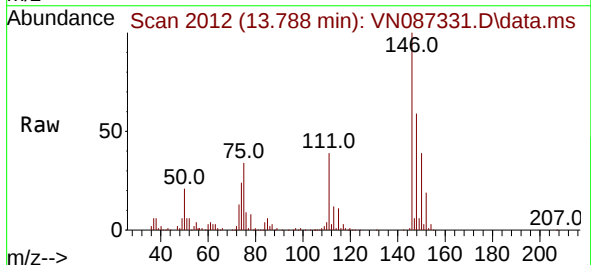
Tgt Ion:146 Resp: 262679
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.3
148 63.3 31.6 95.0

Manual Integrations
APPROVED

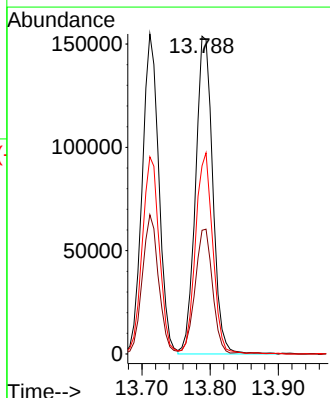
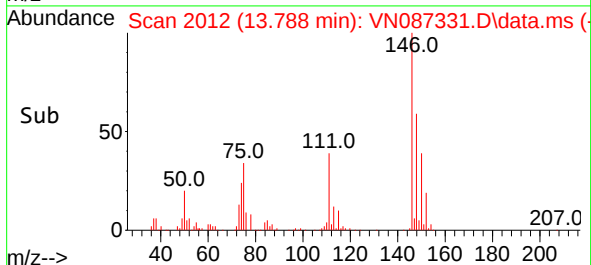
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

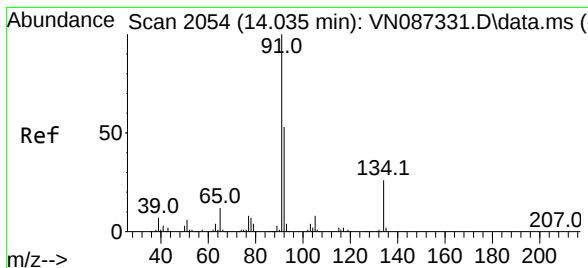


#88
1,4-Dichlorobenzene
Concen: 49.773 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11



Tgt Ion:146 Resp: 269881
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.7
148 62.7 31.4 94.0





#89

n-Butylbenzene

Concen: 53.478 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

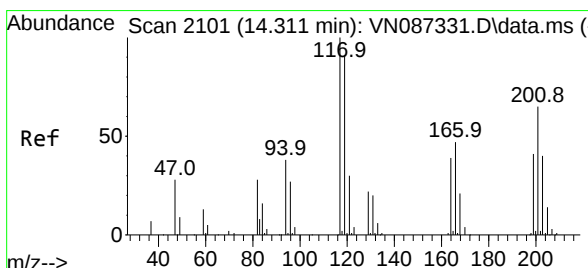
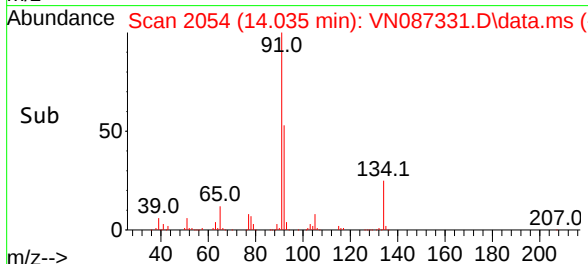
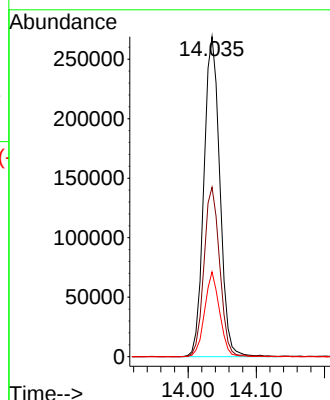
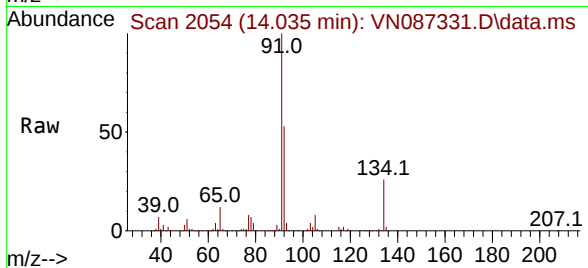
Tgt Ion: 91 Resp: 437514

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.6
134	24.8	12.4	37.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#90

Hexachloroethane

Concen: 50.301 ug/l

RT: 14.311 min Scan# 2101

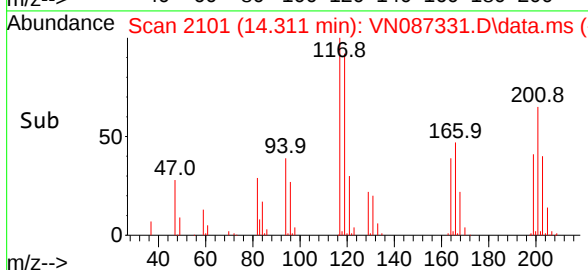
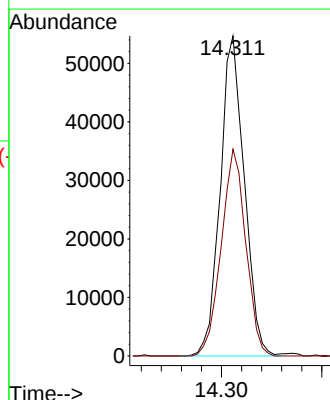
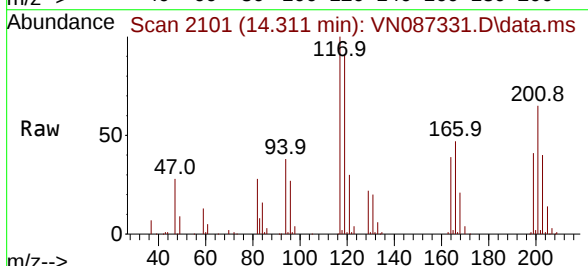
Delta R.T. 0.000 min

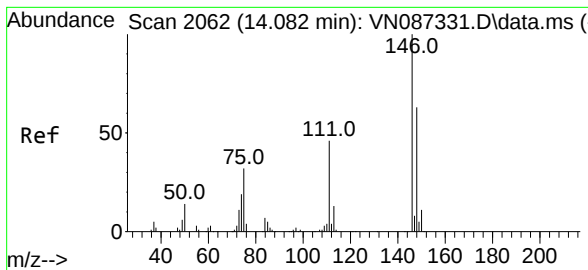
Lab File: VN087331.D

Acq: 16 Jul 2025 18:11

Tgt Ion:117 Resp: 91313

Ion	Ratio	Lower	Upper
117	100		
201	65.6	32.8	98.4





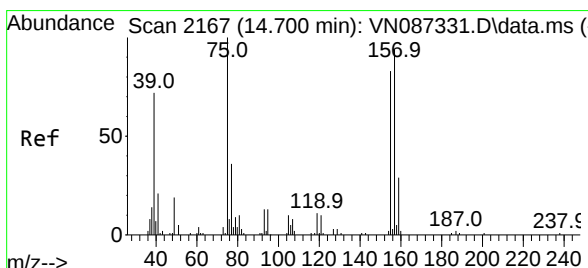
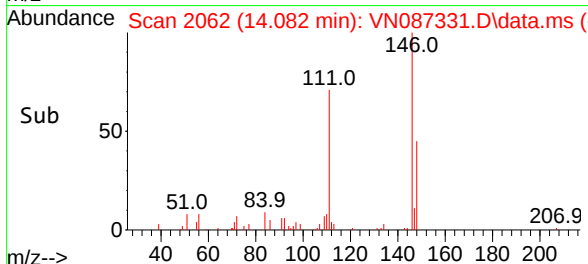
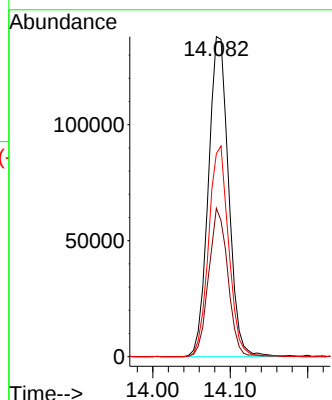
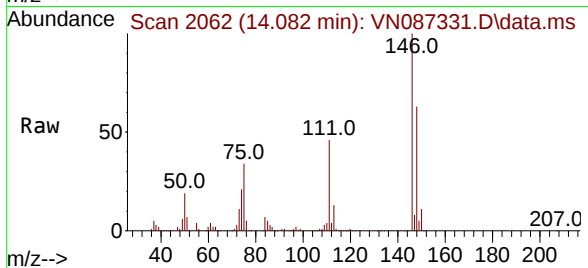
#91
1,2-Dichlorobenzene
Concen: 51.977 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 24998
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 65.4 32.7 98.1

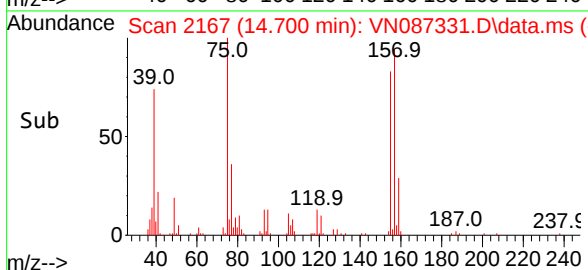
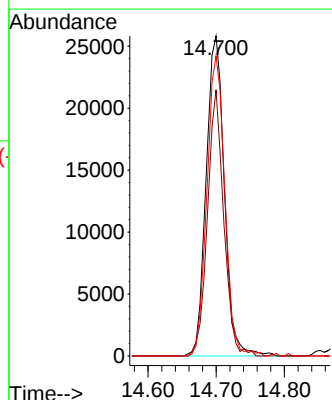
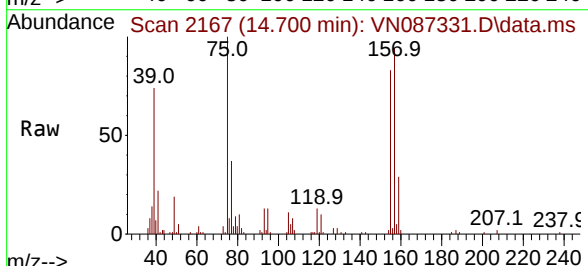
Manual Integrations
APPROVED

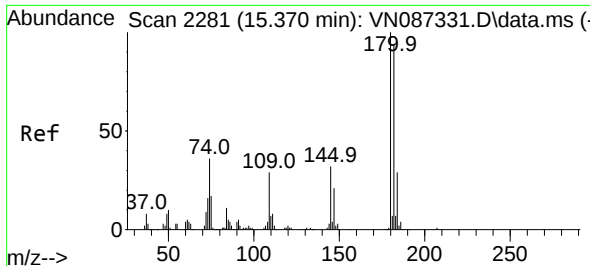
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.643 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

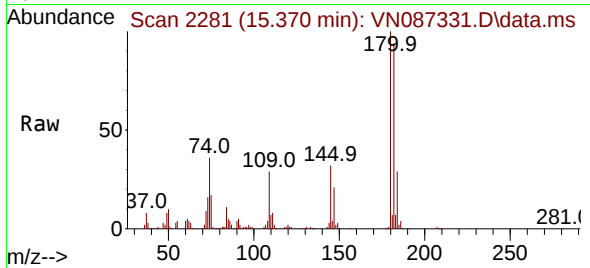
Tgt Ion: 75 Resp: 47931
Ion Ratio Lower Upper
75 100
155 74.5 37.3 111.8
157 92.4 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 52.553 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11

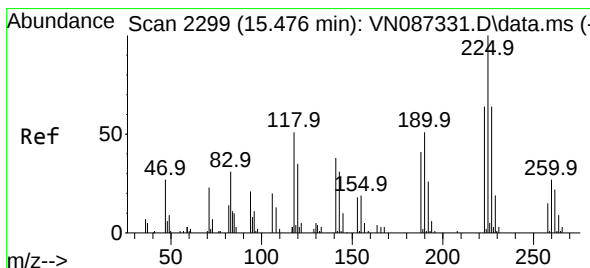
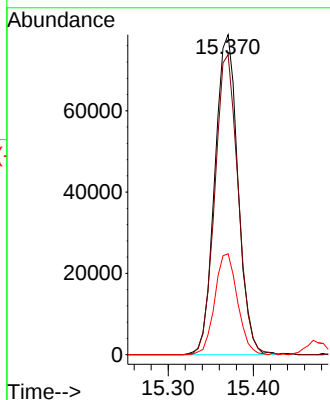
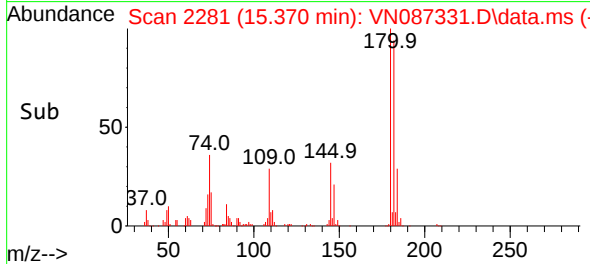
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



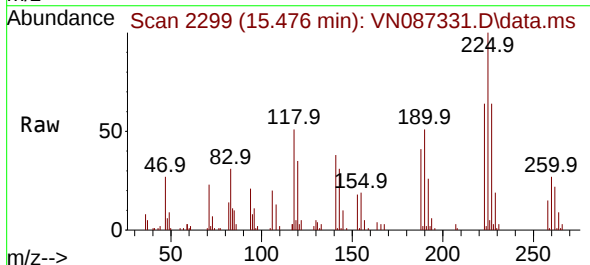
Tgt Ion:180 Resp: 148472
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 30.9 15.4 46.4

Manual Integrations
APPROVED

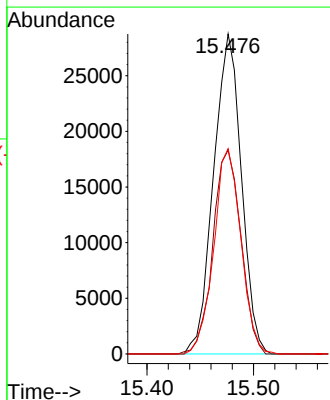
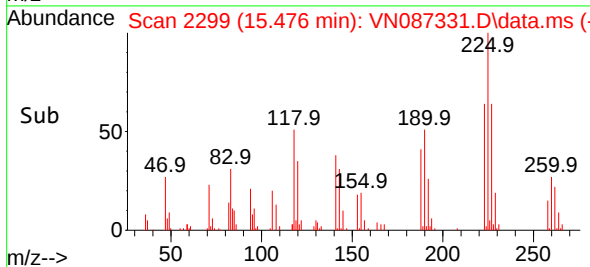
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

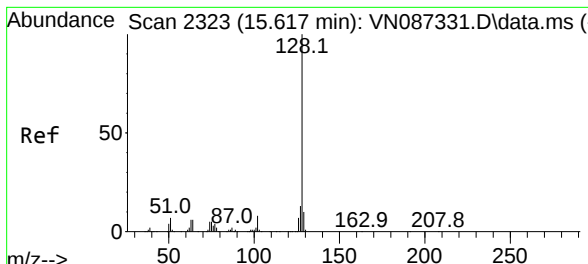


#94
Hexachlorobutadiene
Concen: 49.659 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087331.D
Acq: 16 Jul 2025 18:11



Tgt Ion:225 Resp: 52130
Ion Ratio Lower Upper
225 100
223 64.2 32.1 96.3
227 62.6 31.3 93.9





#95
 Naphthalene
 Concen: 54.490 ug/l
 RT: 15.617 min Scan# 2323
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Instrument :

MSVOA_N

ClientSampleId :

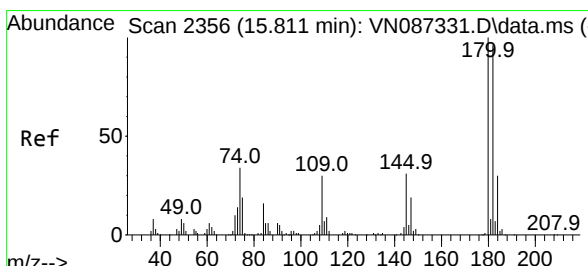
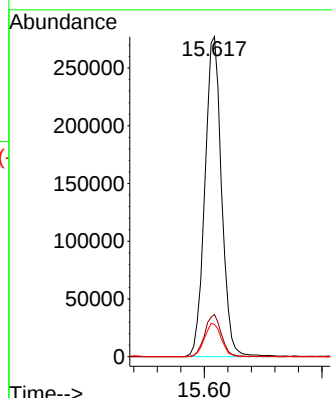
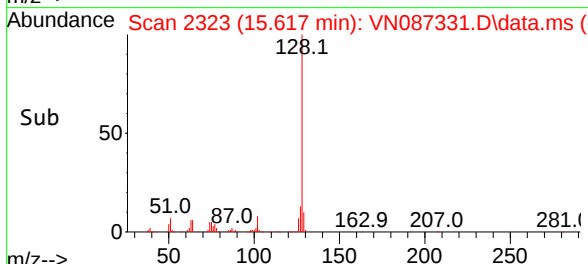
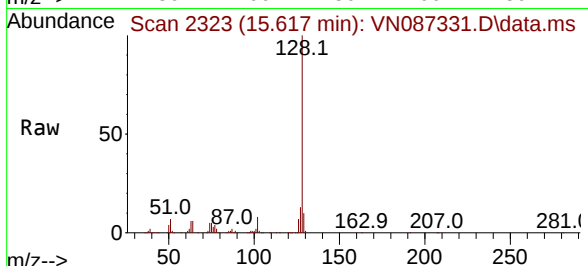
VSTDICCC050

Tgt Ion:	128	Resp:	54536
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.5	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 51.547 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087331.D
 Acq: 16 Jul 2025 18:11

Tgt Ion:	180	Resp:	146080
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.1	141.4
145	33.7	16.9	50.6

