

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087351.D
 Acq On : 17 Jul 2025 17:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 18 01:30:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	282655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	522418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	462752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	232357	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.565	65	235684	49.141	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.280%
35) Dibromofluoromethane	8.147	113	177566	49.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.540%
50) Toluene-d8	10.547	98	644744	50.157	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.829	95	248697	52.366	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.740%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	152798	50.897	ug/l	97
3) Chloromethane	2.383	50	176738	46.815	ug/l	96
4) Vinyl Chloride	2.542	62	178272	47.516	ug/l	94
5) Bromomethane	2.971	94	98706	50.804	ug/l	96
6) Chloroethane	3.136	64	109535	44.767	ug/l	94
7) Trichlorofluoromethane	3.506	101	248446	44.783	ug/l	99
8) Diethyl Ether	3.959	74	105342	48.950	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	127071	44.619	ug/l	99
10) Methyl Iodide	4.583	142	179520	60.003	ug/l	96
11) Tert butyl alcohol	5.530	59	205327	225.469	ug/l	99
12) 1,1-Dichloroethene	4.330	96	139057	43.089	ug/l	93
13) Acrolein	4.171	56	175679	240.382	ug/l	100
14) Allyl chloride	5.012	41	256315	43.886	ug/l	99
15) Acrylonitrile	5.706	53	565825	228.969	ug/l	100
16) Acetone	4.424	43	451127	200.614	ug/l	94
17) Carbon Disulfide	4.700	76	429214	44.860	ug/l	94
18) Methyl Acetate	5.018	43	247196	43.754	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	608838	51.183	ug/l	98
20) Methylene Chloride	5.265	84	177952	46.771	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	162404	44.631	ug/l	92
22) Diisopropyl ether	6.659	45	587795	47.979	ug/l	96
23) Vinyl Acetate	6.594	43	2719279	253.791	ug/l	97
24) 1,1-Dichloroethane	6.553	63	321690	45.514	ug/l	98
25) 2-Butanone	7.471	43	785951	226.205	ug/l	97
26) 2,2-Dichloropropane	7.471	77	231275	42.087	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	203334	48.535	ug/l	95
28) Bromochloromethane	7.794	49	164225	48.550	ug/l	97
29) Tetrahydrofuran	7.829	42	509500	225.728	ug/l	98
30) Chloroform	7.953	83	328927	46.495	ug/l	98
31) Cyclohexane	8.241	56	275507	46.726	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	283763	46.311	ug/l	98
36) 1,1-Dichloropropene	8.359	75	223138	46.868	ug/l	99
37) Ethyl Acetate	7.547	43	305616	44.446	ug/l	98
38) Carbon Tetrachloride	8.341	117	242462	46.230	ug/l	94
39) Methylcyclohexane	9.582	83	260204	50.481	ug/l	98
40) Benzene	8.588	78	710232	46.156	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	167083	46.472	ug/l	99
42) 1,2-Dichloroethane	8.653	62	260020	44.559	ug/l	99
43) Isopropyl Acetate	8.676	43	490492	45.952	ug/l	99
44) Trichloroethene	9.335	130	166611	45.824	ug/l	92
45) 1,2-Dichloropropane	9.606	63	180087	46.060	ug/l	96
46) Dibromomethane	9.688	93	132794	45.363	ug/l	97
47) Bromodichloromethane	9.871	83	264831	44.913	ug/l	94
48) Methyl methacrylate	9.665	41	229126	47.682	ug/l	96
49) 1,4-Dioxane	9.682	88	59120	803.276	ug/l #	96
51) 4-Methyl-2-Pentanone	10.429	43	1505059	222.937	ug/l	98
52) Toluene	10.612	92	439473	46.988	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	288327	48.316	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	301221	48.866	ug/l	99
55) 1,1,2-Trichloroethane	11.000	97	172439	45.540	ug/l	93
56) Ethyl methacrylate	10.859	69	307340	48.353	ug/l	95
57) 1,3-Dichloropropane	11.147	76	309000	47.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	803086	258.545	ug/l	99
59) 2-Hexanone	11.176	43	1071882	239.310	ug/l	98
60) Dibromochloromethane	11.341	129	203584	47.144	ug/l	99
61) 1,2-Dibromoethane	11.453	107	184446	46.327	ug/l	97
64) Tetrachloroethene	11.088	164	136939	45.979	ug/l	96
65) Chlorobenzene	11.870	112	483756	46.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	170273	48.200	ug/l	99
67) Ethyl Benzene	11.941	91	832936	48.701	ug/l	100
68) m/p-Xylenes	12.053	106	638836	99.749	ug/l	98
69) o-Xylene	12.376	106	313152	51.188	ug/l	99
70) Styrene	12.394	104	524957	51.010	ug/l	98
71) Bromoform	12.559	173	137302	48.109	ug/l #	97
73) Isopropylbenzene	12.676	105	786360	53.771	ug/l	99
74) N-amyl acetate	12.494	43	306162m	50.389	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	259083	47.082	ug/l	100
76) 1,2,3-Trichloropropane	12.976	75	255438m	49.024	ug/l	
77) Bromobenzene	12.959	156	193932	51.133	ug/l	98
78) n-propylbenzene	13.017	91	939436	51.058	ug/l	98
79) 2-Chlorotoluene	13.106	91	578079	51.122	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	666584	53.498	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	95998	50.412	ug/l	89
82) 4-Chlorotoluene	13.200	91	584529	49.650	ug/l	99
83) tert-Butylbenzene	13.417	119	567743	54.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	668429	52.531	ug/l	99
85) sec-Butylbenzene	13.594	105	810392	51.699	ug/l	99
86) p-Isopropyltoluene	13.706	119	690717	54.984	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	360660	48.453	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	367994	46.289	ug/l	99
89) n-Butylbenzene	14.035	91	622051	51.858	ug/l	98
90) Hexachloroethane	14.311	117	131824	49.528	ug/l	100
91) 1,2-Dichlorobenzene	14.088	146	352196	49.945	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	62418	43.204	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	212184	51.225	ug/l	98
94) Hexachlorobutadiene	15.476	225	81890	53.205	ug/l	99
95) Naphthalene	15.617	128	806646	54.970	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	212627	51.173	ug/l	99

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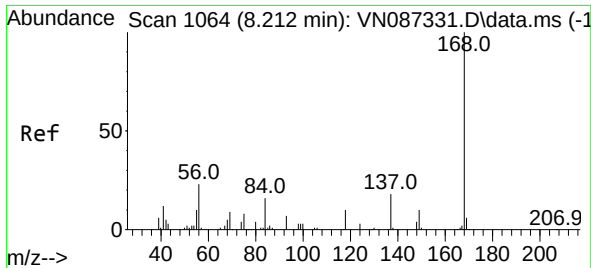
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 07/21/2025

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Response via : Initial Calibration

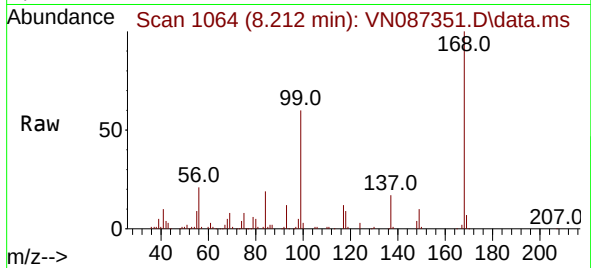
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
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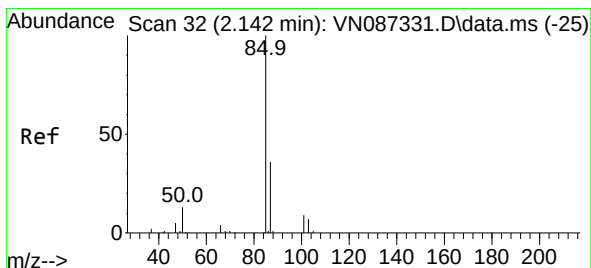
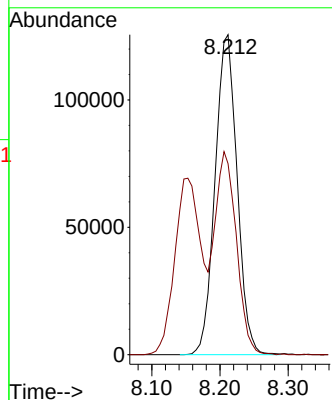
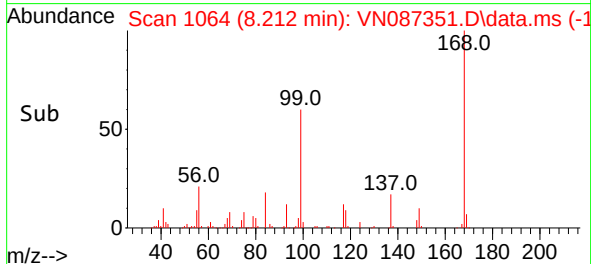
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 28265
Ion Ratio Lower Upper
168 100
99 59.6 47.9 71.9

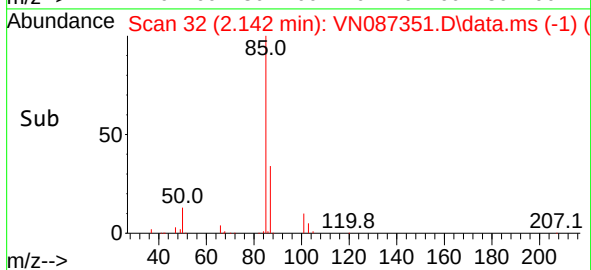
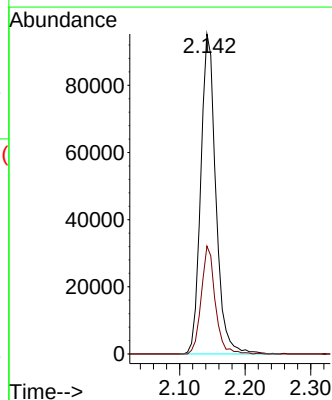
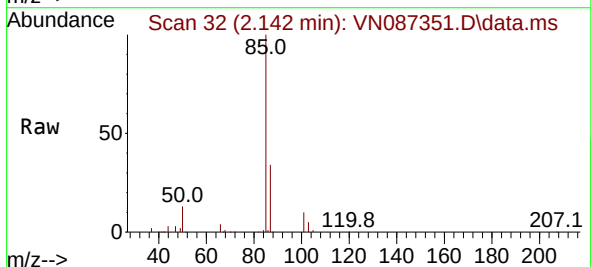
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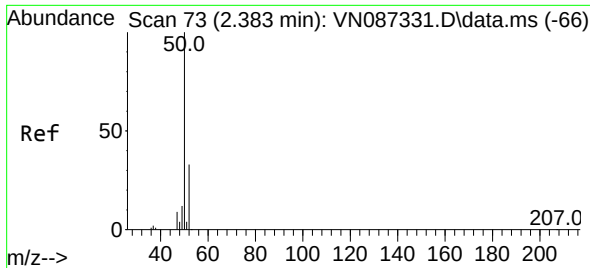
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#2
Dichlorodifluoromethane
Concen: 50.897 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

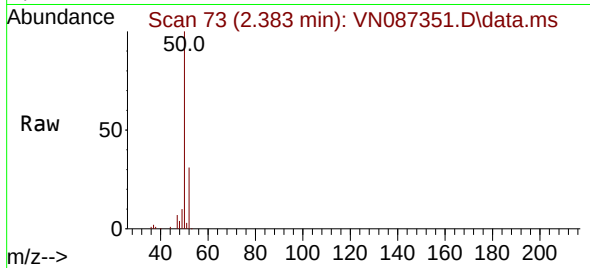
Tgt Ion: 85 Resp: 152798
Ion Ratio Lower Upper
85 100
87 33.7 17.8 53.3





#3
Chloromethane
Concen: 46.815 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

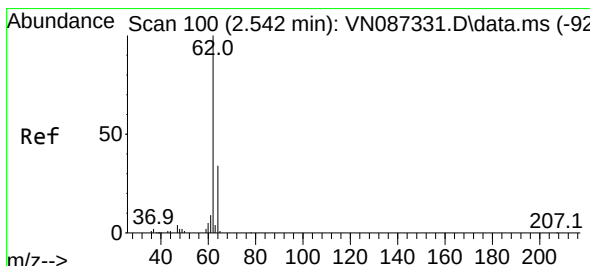
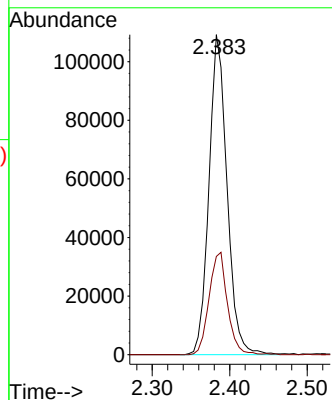
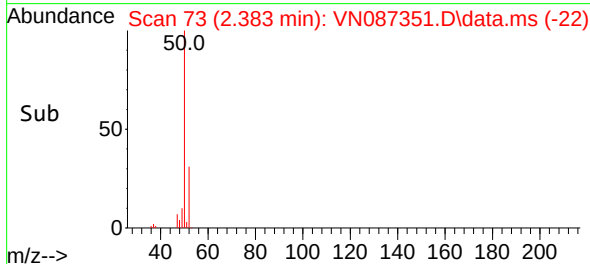
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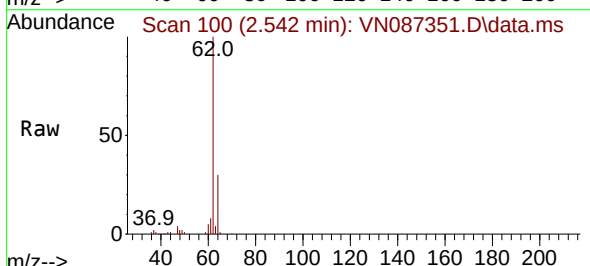
Tgt Ion: 50 Resp: 176738
Ion Ratio Lower Upper
50 100
52 30.7 26.3 39.5

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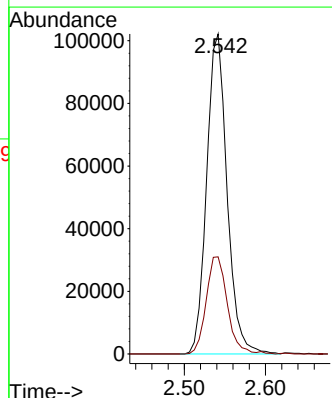
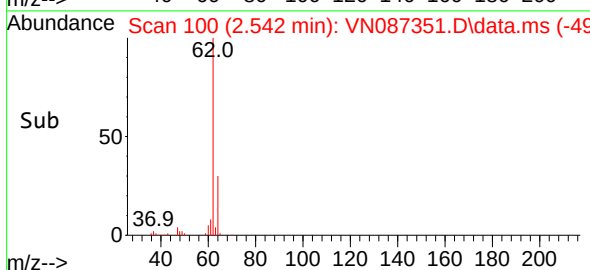
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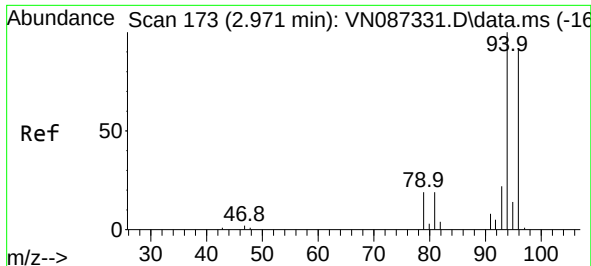


#4
Vinyl Chloride
Concen: 47.516 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36



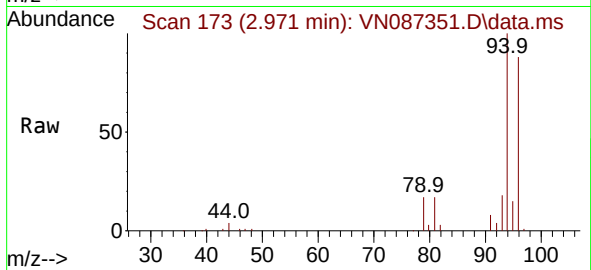
Tgt Ion: 62 Resp: 178272
Ion Ratio Lower Upper
62 100
64 30.4 27.0 40.6





#5
Bromomethane
Concen: 50.804 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087351.D
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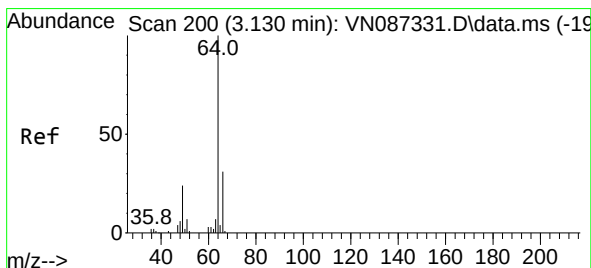
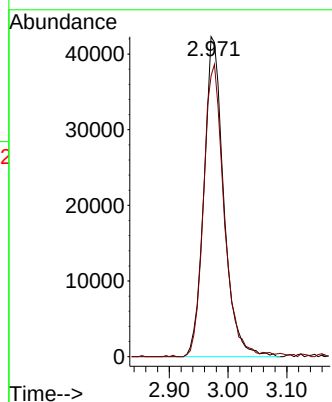
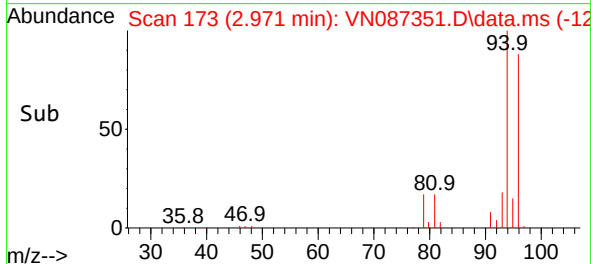
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Tgt Ion: 94 Resp: 98700
Ion Ratio Lower Upper
94 100
96 87.8 73.4 110.2

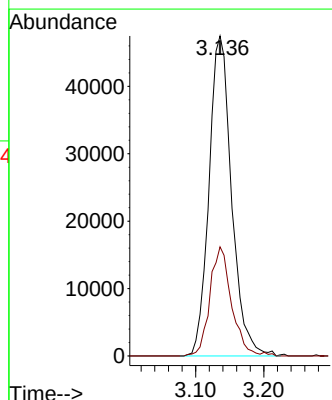
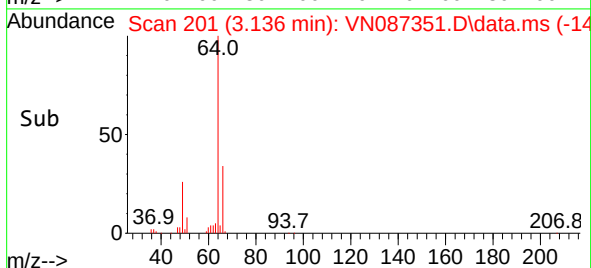
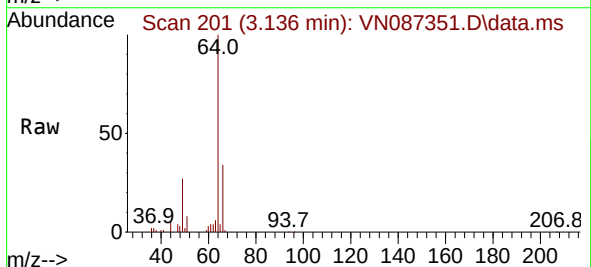
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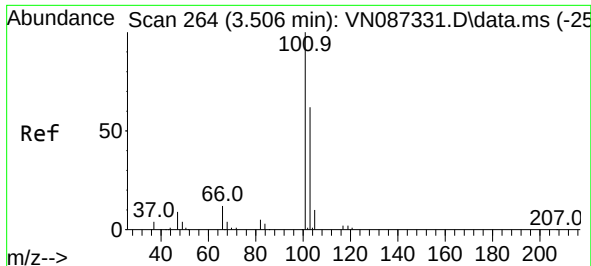
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#6
Chloroethane
Concen: 44.767 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087351.D
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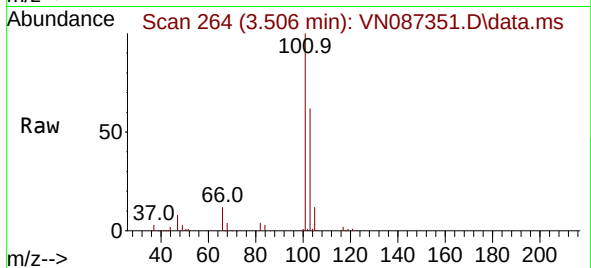
Tgt Ion: 64 Resp: 109535
Ion Ratio Lower Upper
64 100
66 34.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 44.783 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN087351.D
 Acq: 17 Jul 2025 17:36

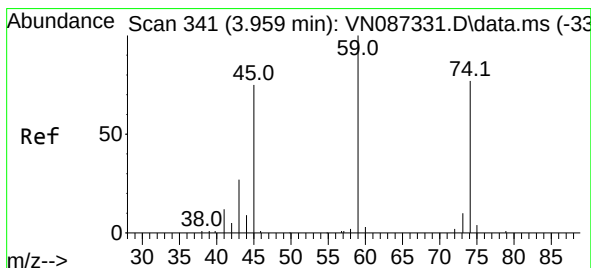
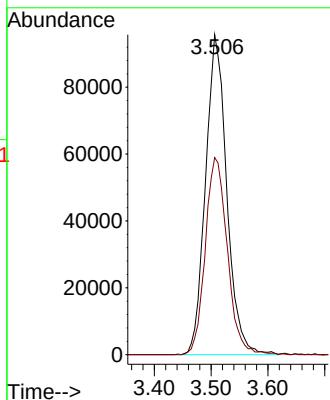
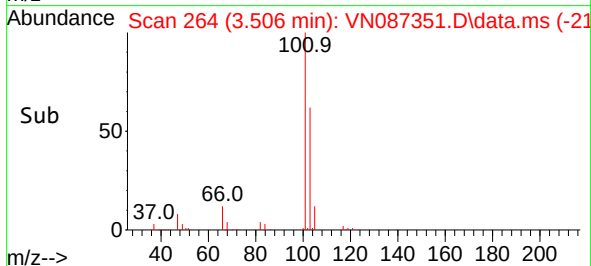
Instrument :
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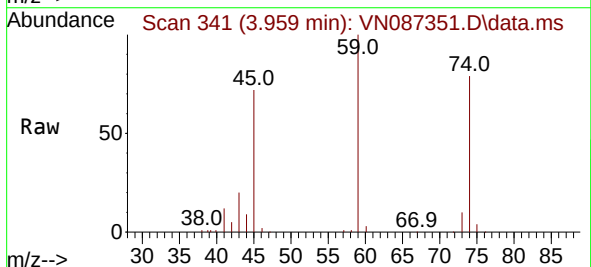
Tgt Ion:101 Resp: 248440
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.8 74.6

Manual Integrations
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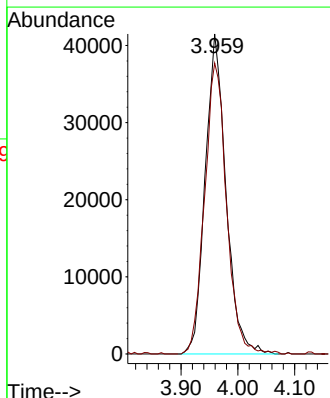
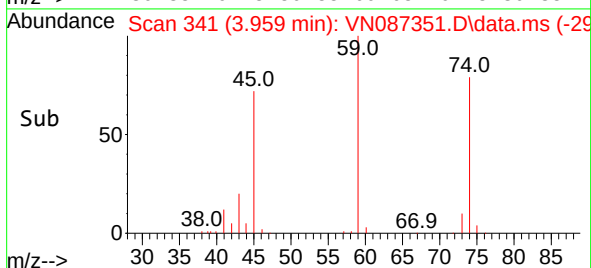
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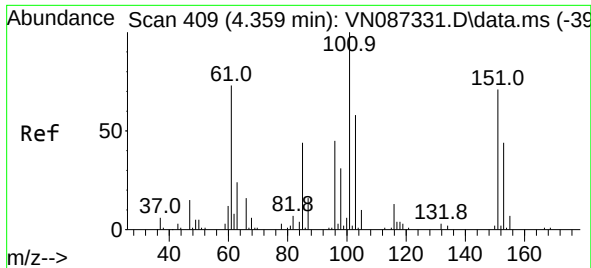


#8
 Diethyl Ether
 Concen: 48.950 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN087351.D
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Tgt Ion: 74 Resp: 105342
 Ion Ratio Lower Upper
 74 100
 45 96.1 50.8 152.5





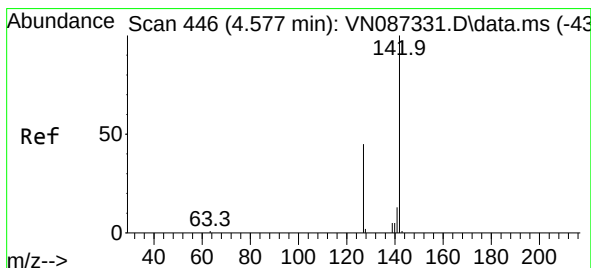
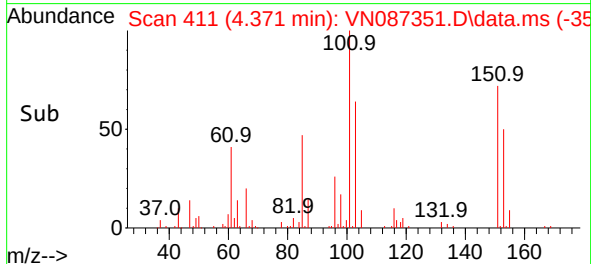
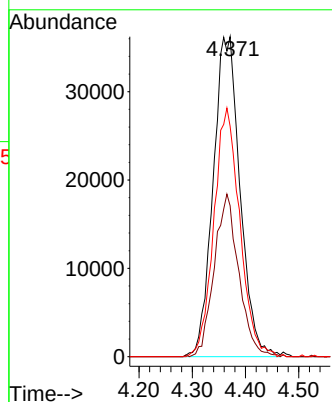
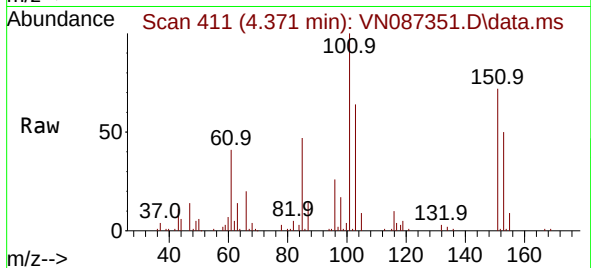
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.619 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12707
Ion Ratio Lower Upper
101 100
85 46.4 37.3 55.9
151 75.0 58.9 88.3

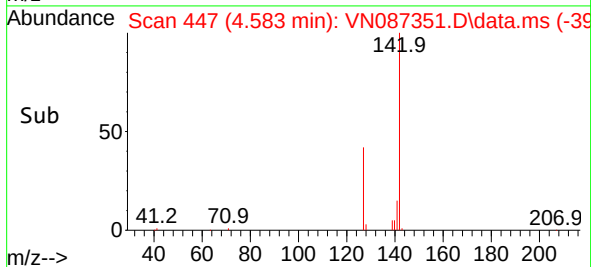
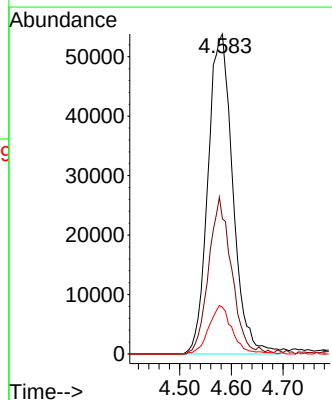
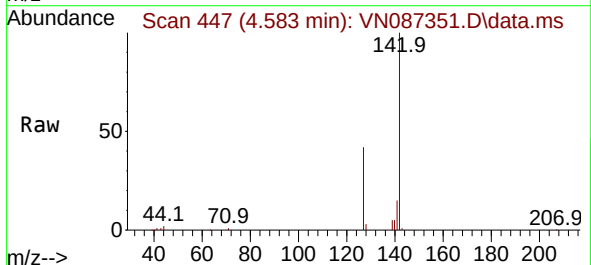
Manual Integrations
APPROVED

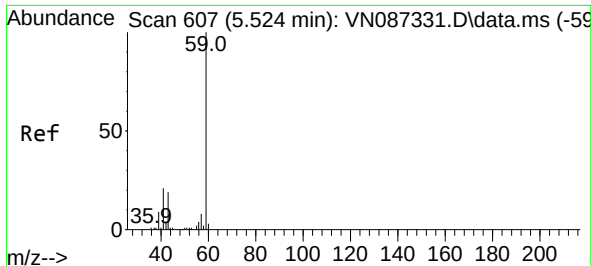
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#10
Methyl Iodide
Concen: 60.003 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

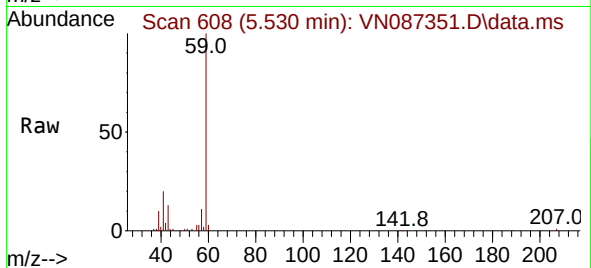
Tgt Ion:142 Resp: 179520
Ion Ratio Lower Upper
142 100
127 42.2 35.7 53.5
141 14.6 10.4 15.6





#11
Tert butyl alcohol
Concen: 225.469 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

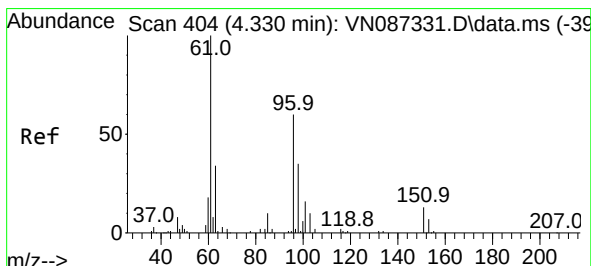
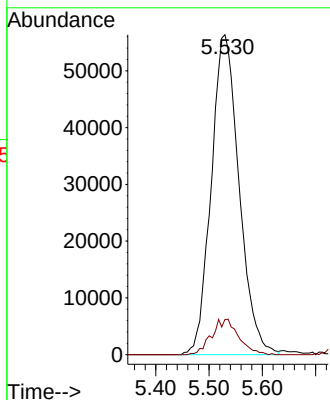
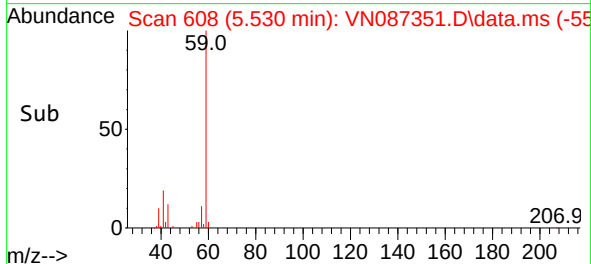
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 20532
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

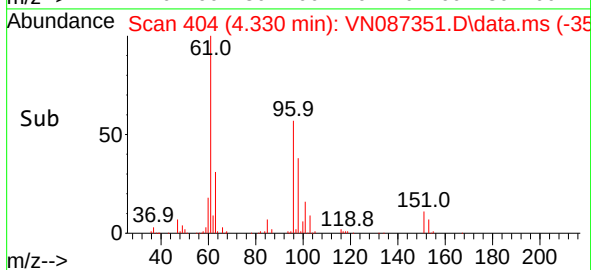
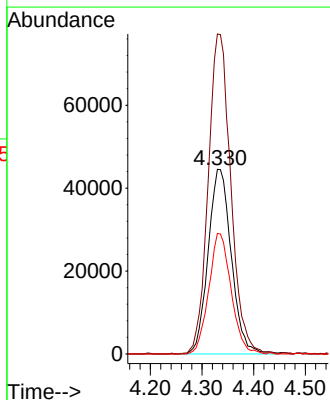
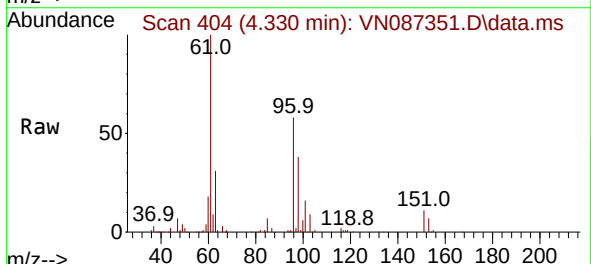
Manual Integrations
APPROVED

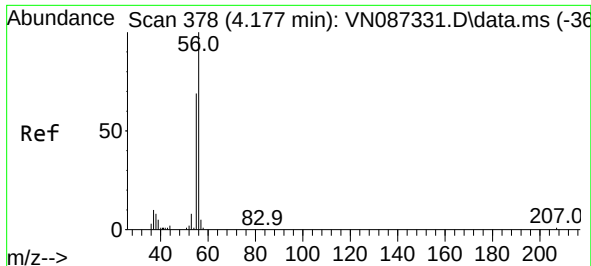
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#12
1,1-Dichloroethene
Concen: 43.089 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Tgt Ion: 96 Resp: 139057
Ion Ratio Lower Upper
96 100
61 173.3 132.3 198.5
98 65.3 46.8 70.2





#13

Acrolein

Concen: 240.382 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 175679

Ion Ratio Lower Upper

56 100

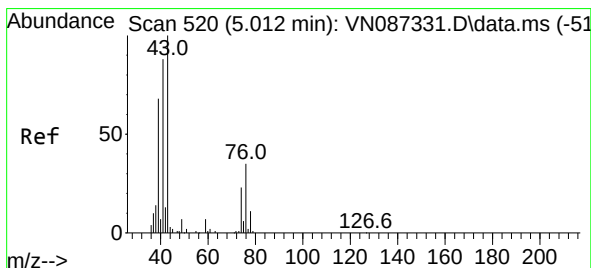
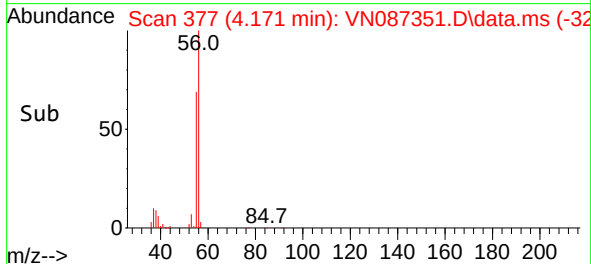
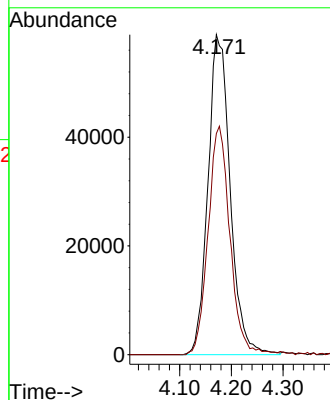
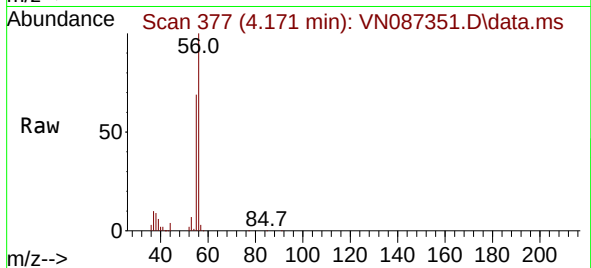
55 70.1 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#14

Allyl chloride

Concen: 43.886 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

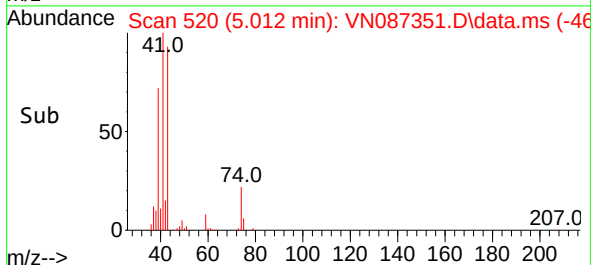
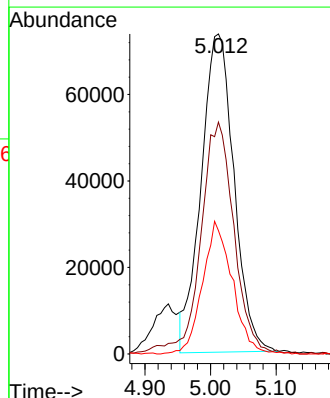
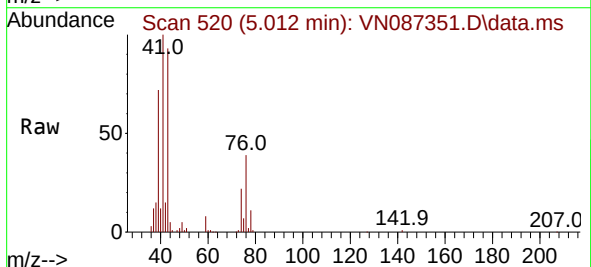
Tgt Ion: 41 Resp: 256315

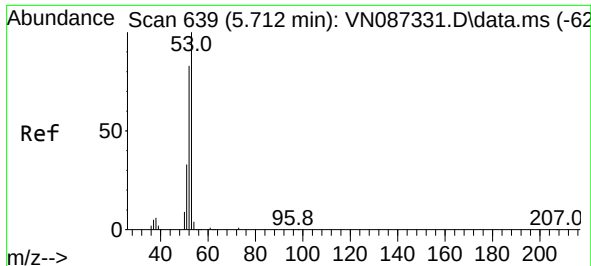
Ion Ratio Lower Upper

41 100

39 73.9 59.0 88.6

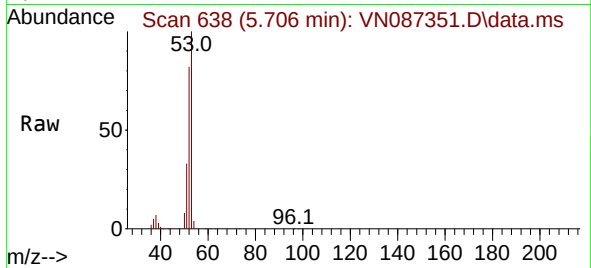
76 37.9 28.7 43.1





#15
Acrylonitrile
Concen: 228.969 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

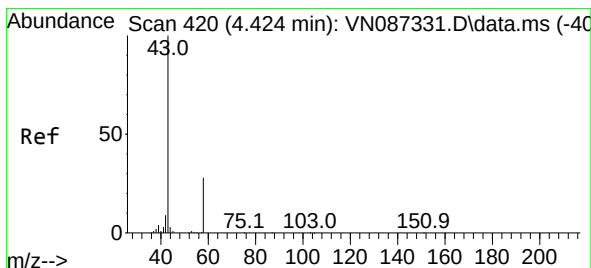
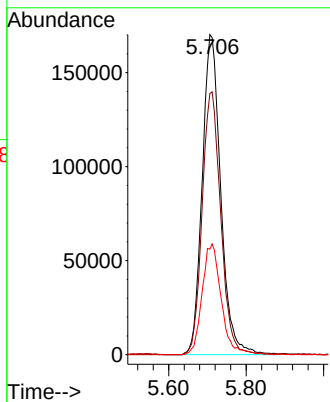
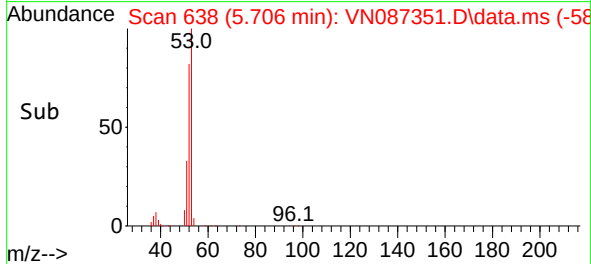
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 565829
Ion Ratio Lower Upper
53 100
52 82.3 65.5 98.3
51 35.7 28.7 43.1

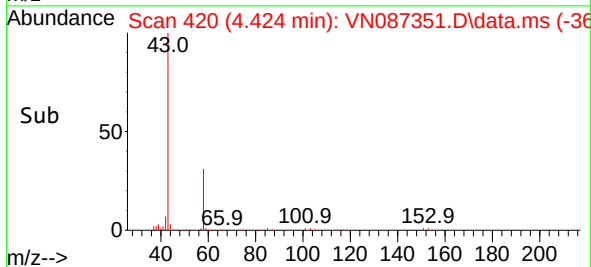
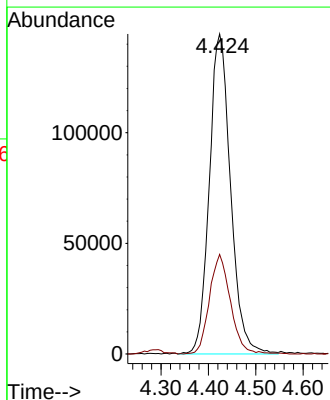
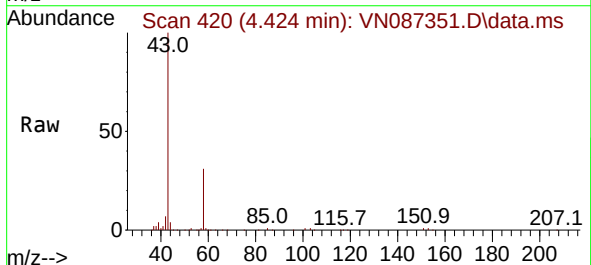
Manual Integrations
APPROVED

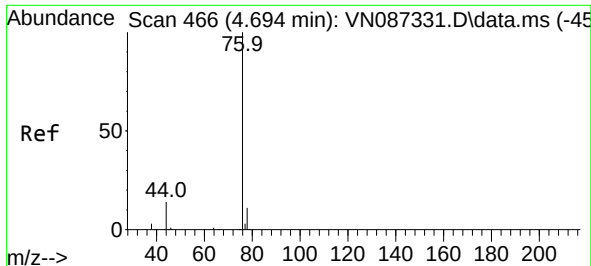
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#16
Acetone
Concen: 200.614 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

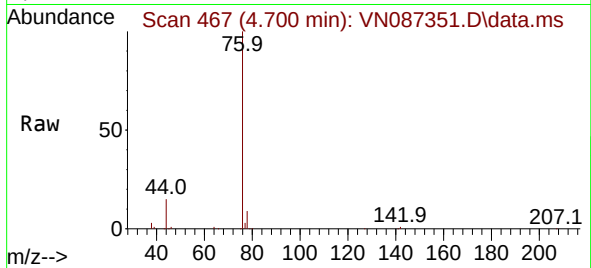
Tgt Ion: 43 Resp: 451127
Ion Ratio Lower Upper
43 100
58 31.1 22.3 33.5





#17
Carbon Disulfide
Concen: 44.860 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

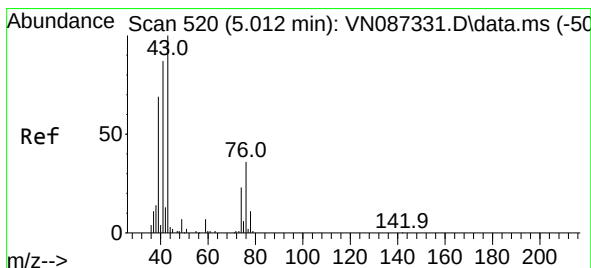
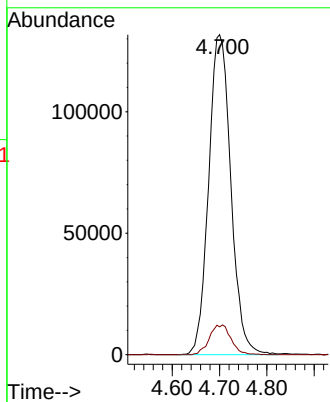
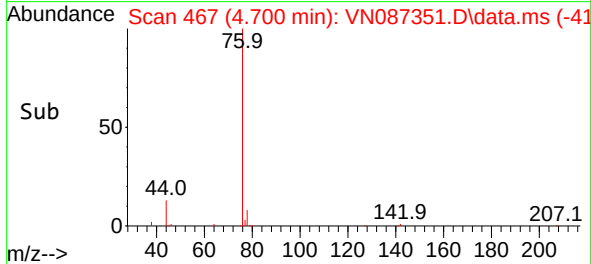
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 429214
Ion Ratio Lower Upper
76 100
78 8.7 8.6 13.0

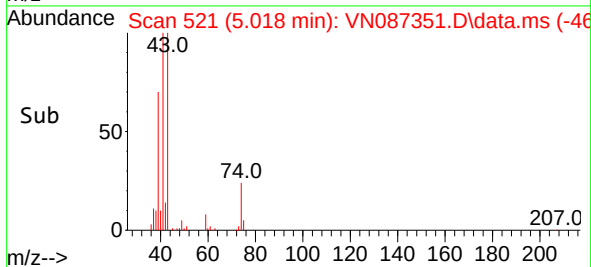
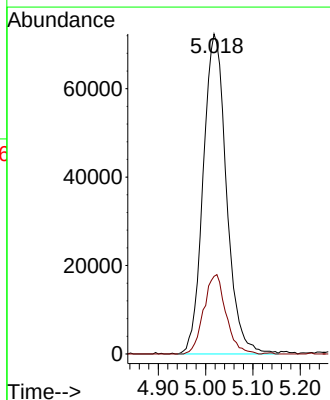
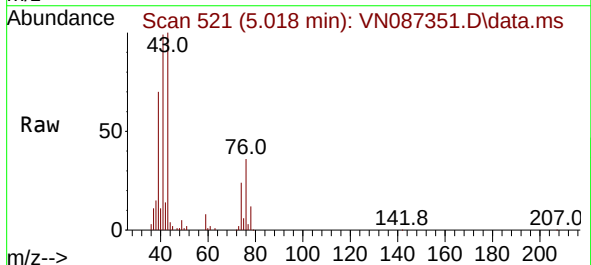
Manual Integrations
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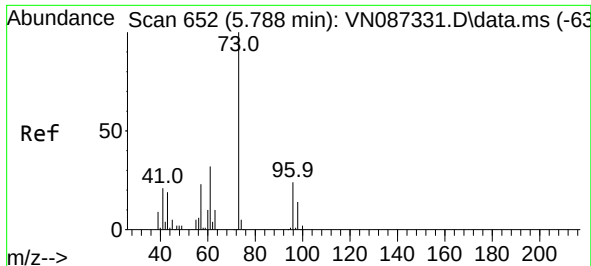
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#18
Methyl Acetate
Concen: 43.754 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

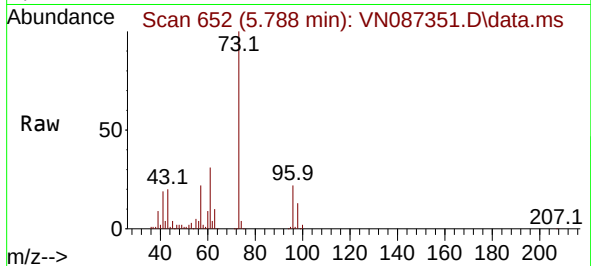
Tgt Ion: 43 Resp: 247196
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 51.183 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

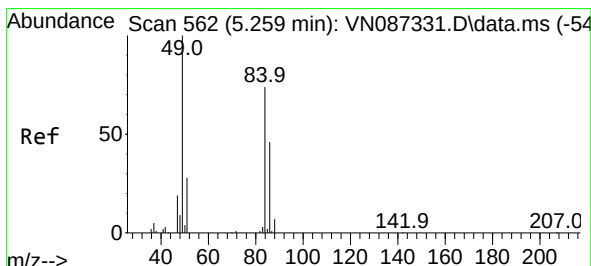
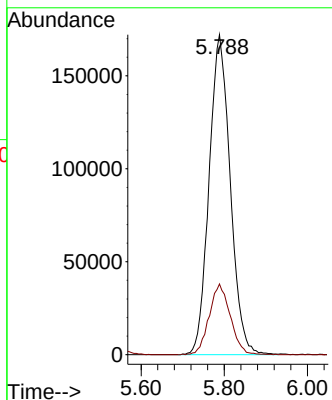
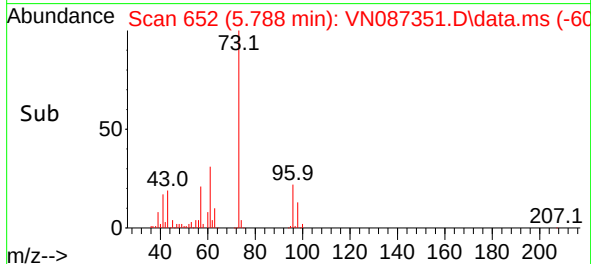
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 608838
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8

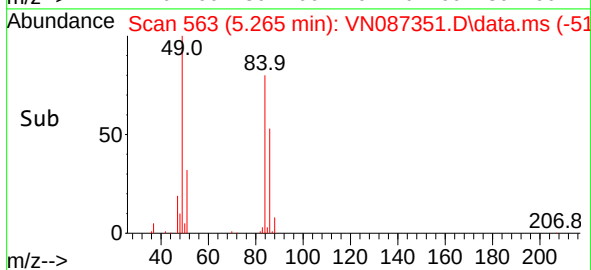
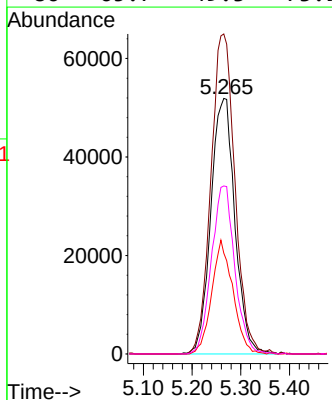
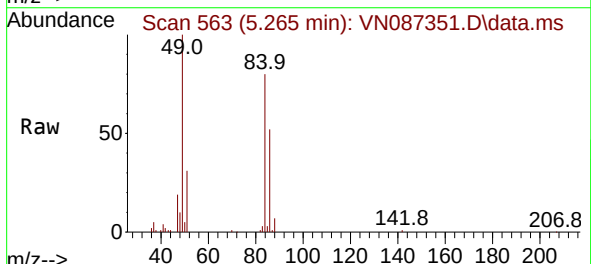
Manual Integrations
APPROVED

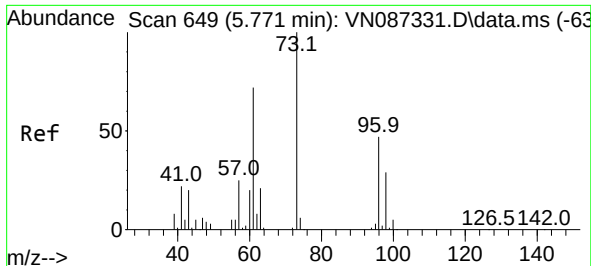
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#20
Methylene Chloride
Concen: 46.771 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

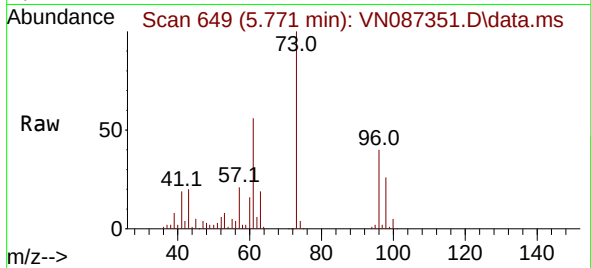
Tgt Ion: 84 Resp: 177952
Ion Ratio Lower Upper
84 100
49 125.2 107.5 161.3
51 39.4 30.2 45.2
86 65.7 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 44.631 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

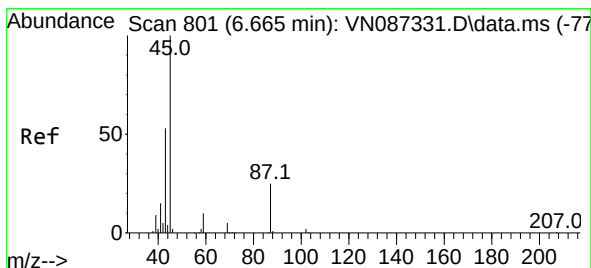
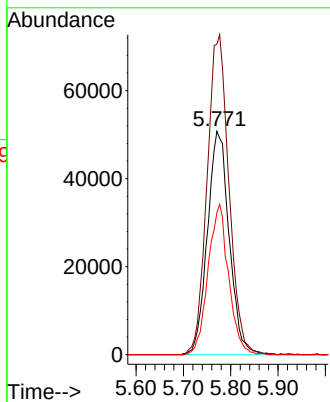
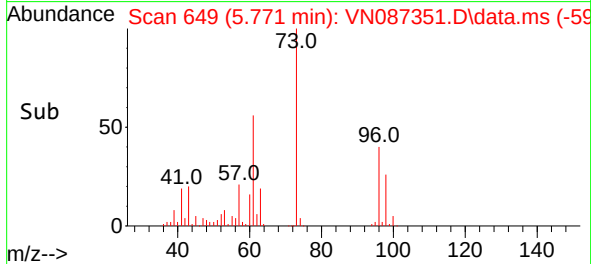
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



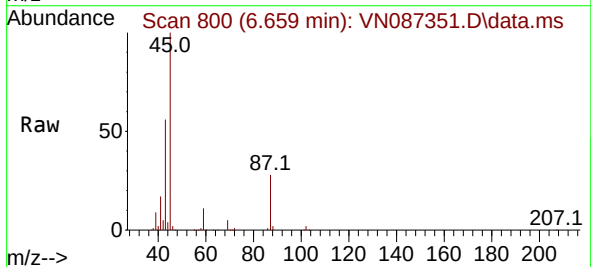
Tgt Ion: 96 Resp: 162404
Ion Ratio Lower Upper
96 100
61 139.0 122.0 183.0
98 63.7 50.0 75.0

Manual Integrations
APPROVED

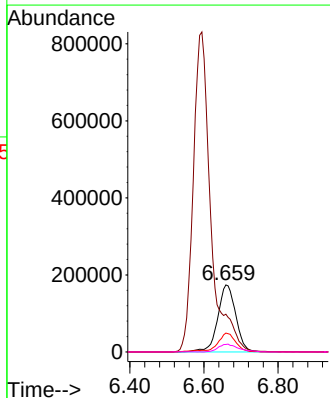
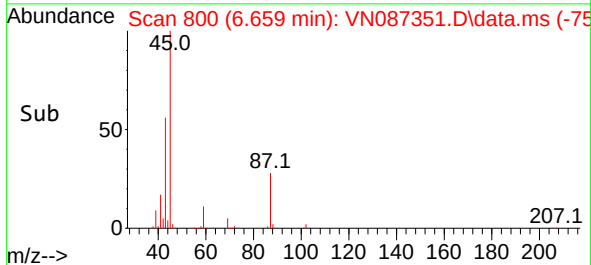
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

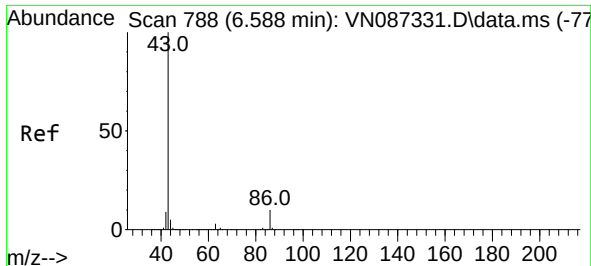


#22
Diisopropyl ether
Concen: 47.979 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36



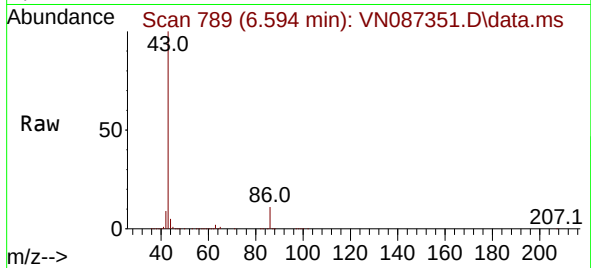
Tgt Ion: 45 Resp: 587795
Ion Ratio Lower Upper
45 100
43 55.8 42.8 64.2
87 28.1 19.8 29.6
59 11.3 8.3 12.5





#23
 Vinyl Acetate
 Concen: 253.791 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087351.D
 Acq: 17 Jul 2025 17:36

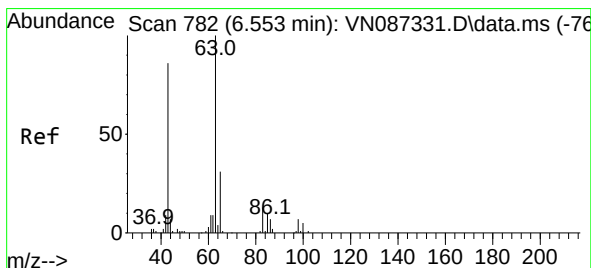
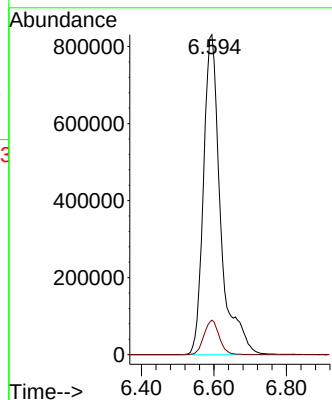
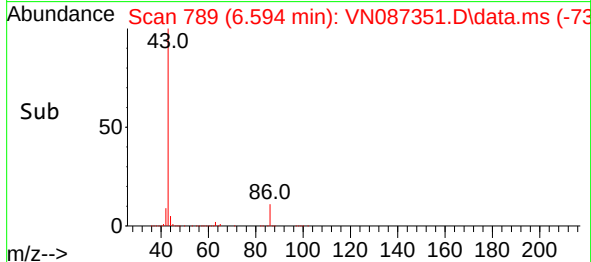
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2719279
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.7 11.5

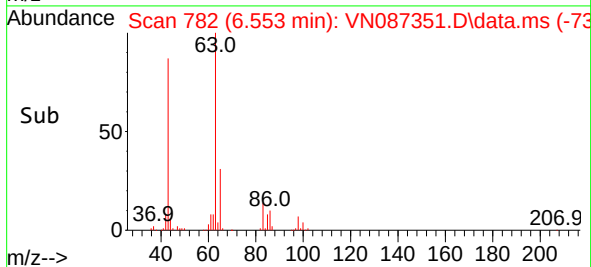
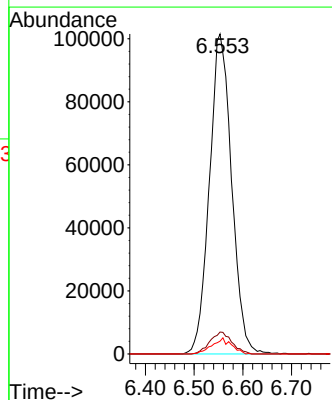
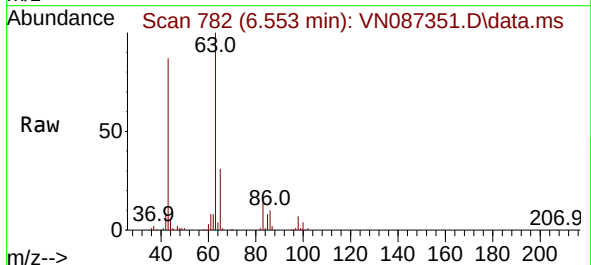
Manual Integrations
 APPROVED

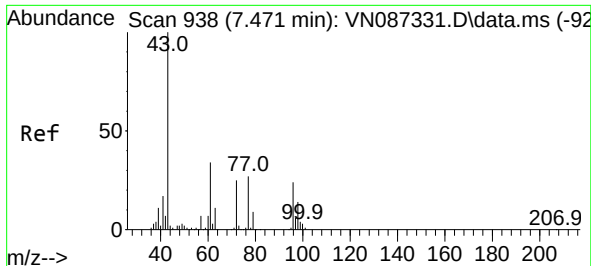
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#24
 1,1-Dichloroethane
 Concen: 45.514 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN087351.D
 Acq: 17 Jul 2025 17:36

Tgt Ion: 63 Resp: 321690
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.0 2.5 7.4





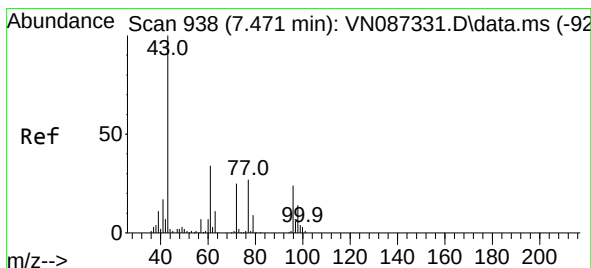
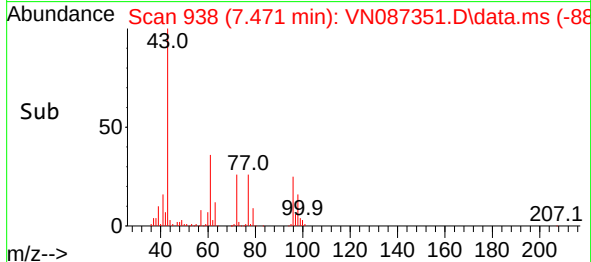
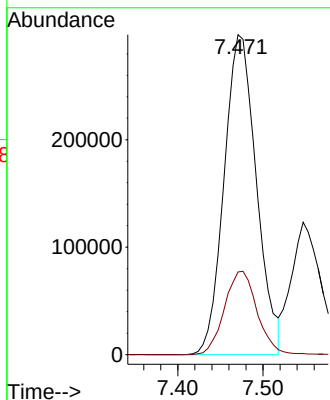
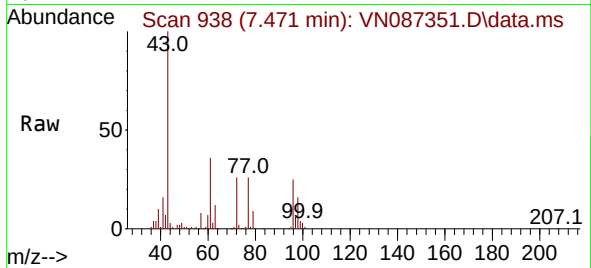
#25
2-Butanone
Concen: 226.205 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 78595
Ion Ratio Lower Upper
43 100
72 25.9 19.6 29.4

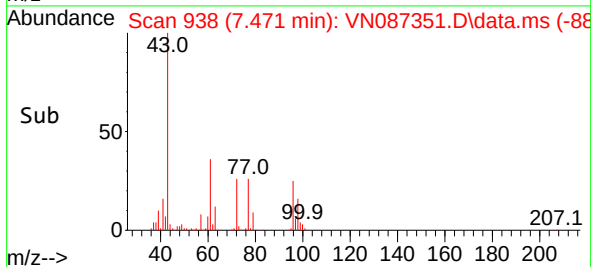
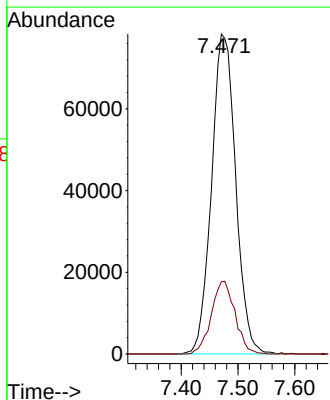
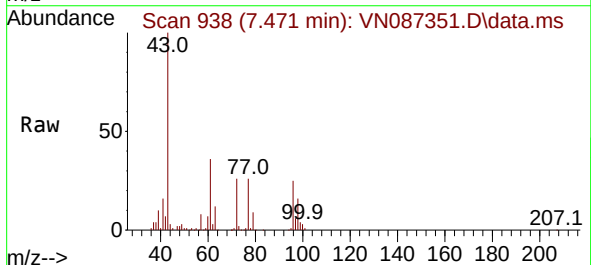
Manual Integrations
APPROVED

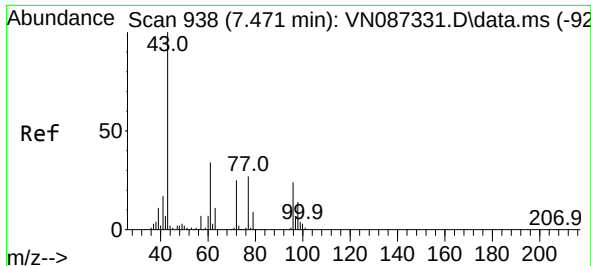
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#26
2,2-Dichloropropane
Concen: 42.087 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

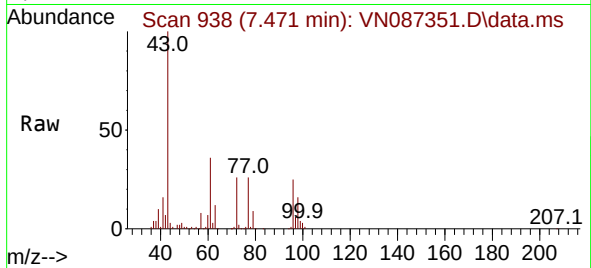
Tgt Ion: 77 Resp: 231275
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 48.535 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087351.D
 Acq: 17 Jul 2025 17:36

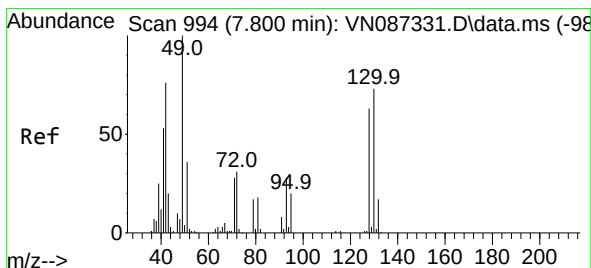
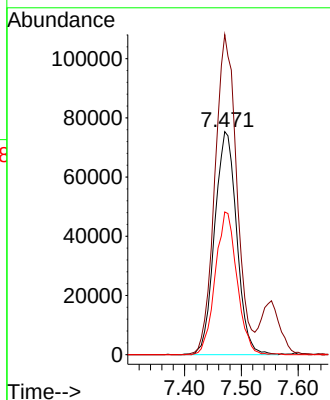
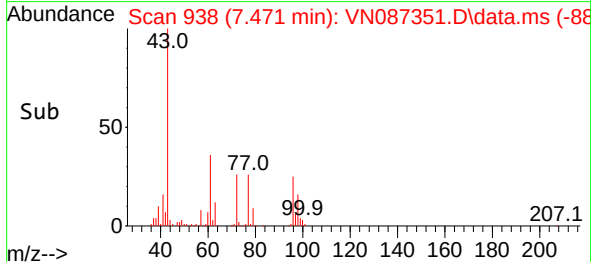
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 203334
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 297.8
 98 63.0 0.0 132.4

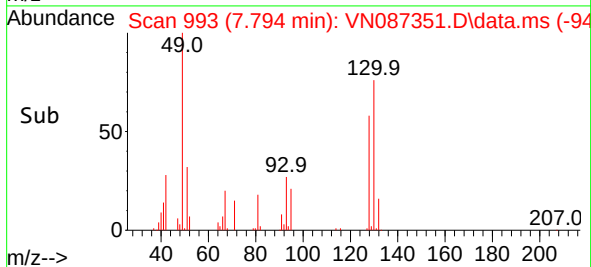
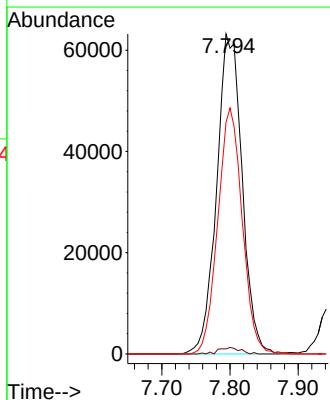
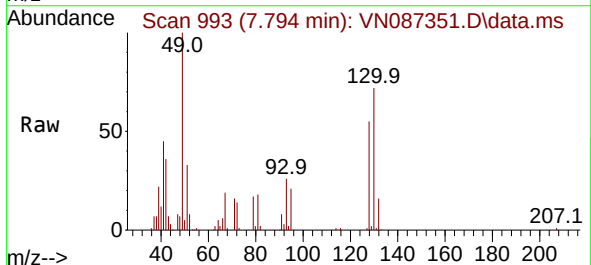
Manual Integrations
 APPROVED

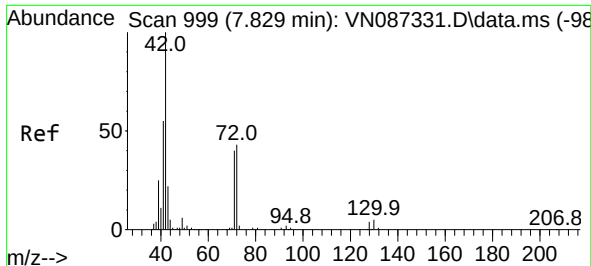
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#28
 Bromochloromethane
 Concen: 48.550 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087351.D
 Acq: 17 Jul 2025 17:36

Tgt Ion: 49 Resp: 164225
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 73.8 57.3 85.9





#29

Tetrahydrofuran

Concen: 225.728 ug/l

RT: 7.829 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087351.D

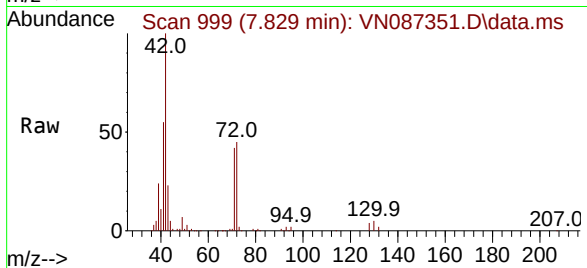
Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

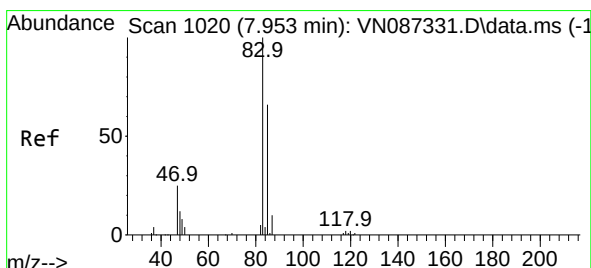
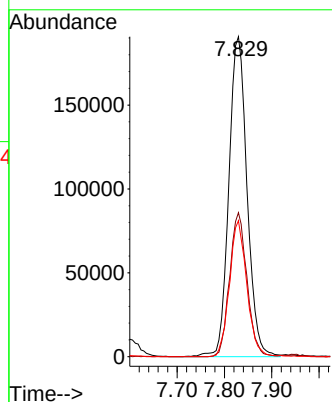
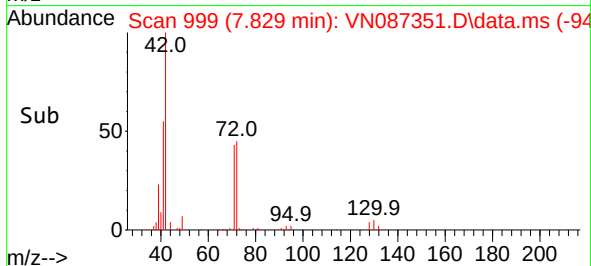


Tgt Ion:	42	Resp:	509500
Ion Ratio	100	Lower	Upper
42	100		
72	43.1	33.4	50.0
71	40.4	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#30

Chloroform

Concen: 46.495 ug/l

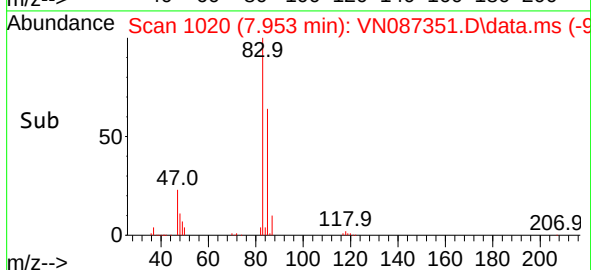
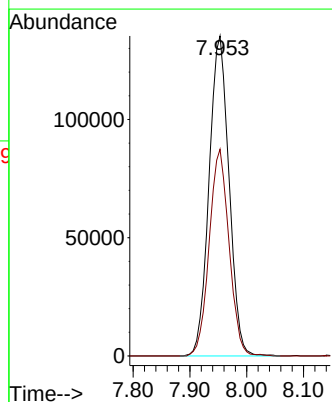
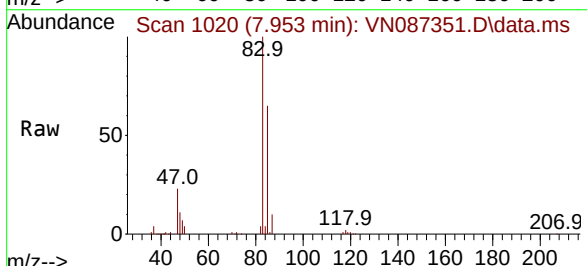
RT: 7.953 min Scan# 1020

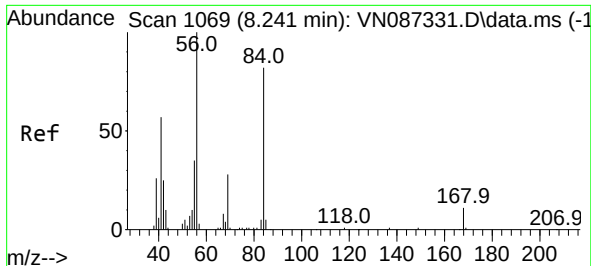
Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

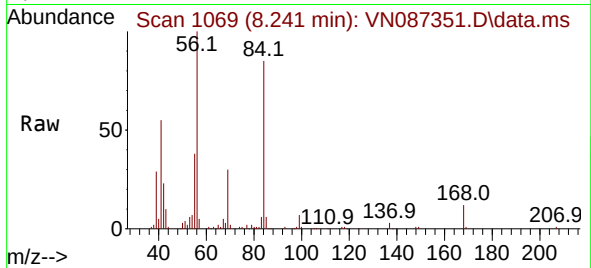
Tgt Ion:	83	Resp:	328927
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	52.7	79.1





#31
Cyclohexane
Concen: 46.726 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

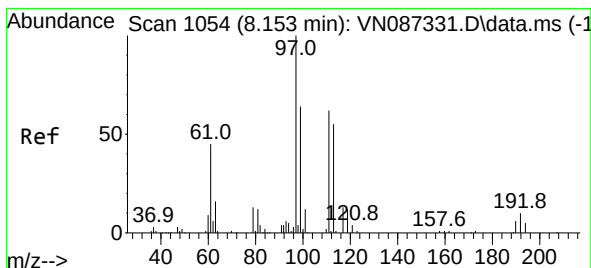
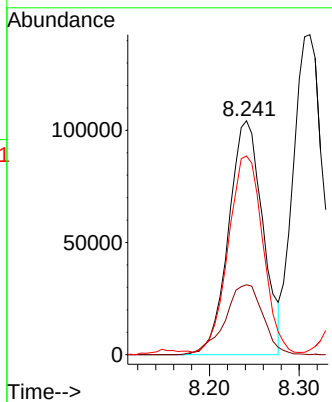
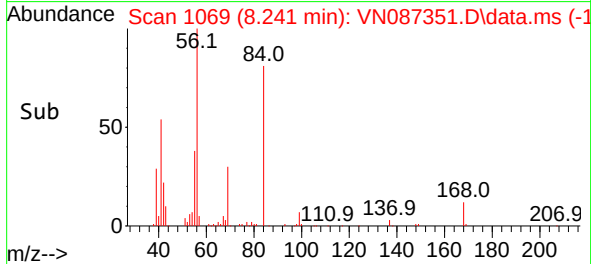
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 27550
Ion Ratio Lower Upper
56 100
69 29.9 22.7 34.1
84 83.5 65.8 98.6

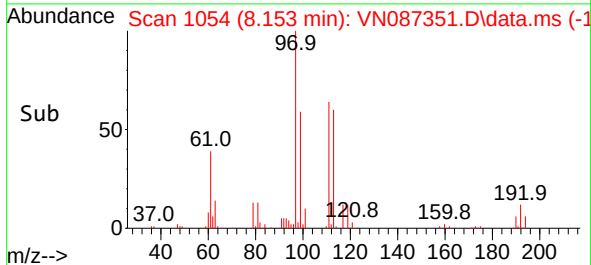
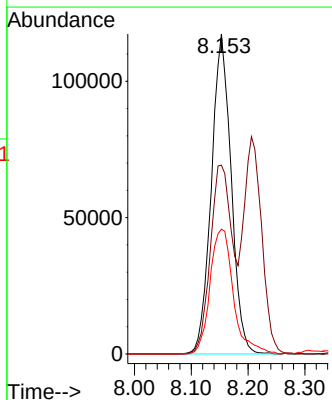
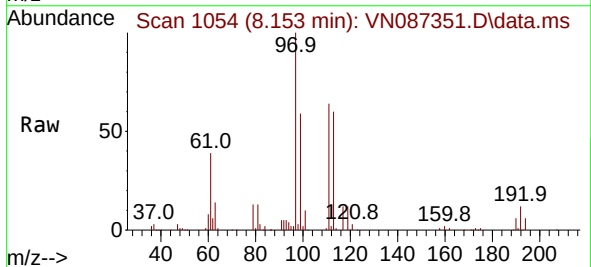
Manual Integrations
APPROVED

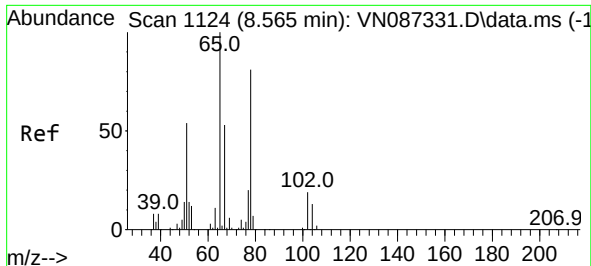
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#32
1,1,1-Trichloroethane
Concen: 46.311 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Tgt Ion: 97 Resp: 283763
Ion Ratio Lower Upper
97 100
99 66.0 51.8 77.8
61 46.0 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 49.141 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 235684

Ion Ratio Lower Upper

65 100

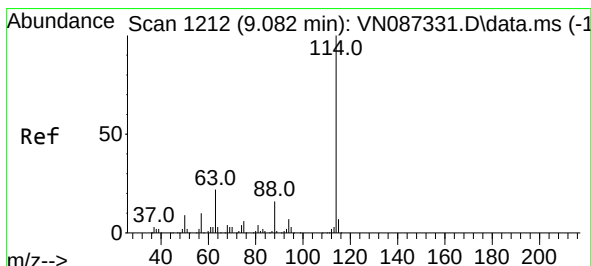
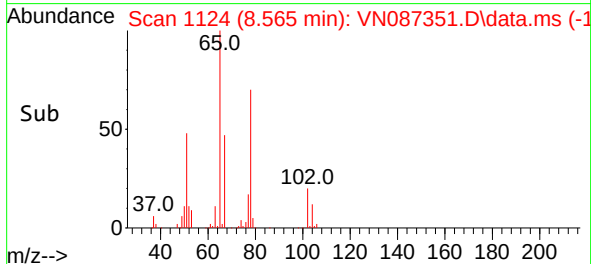
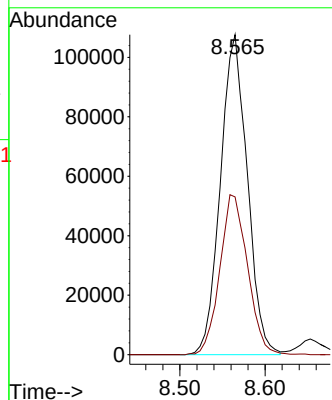
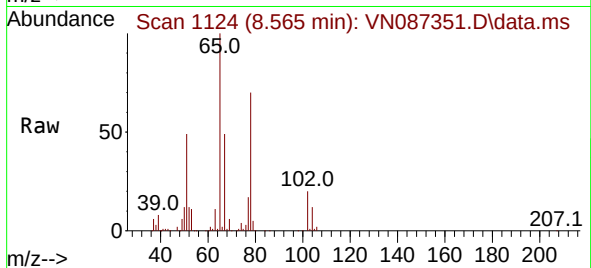
67 51.7 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

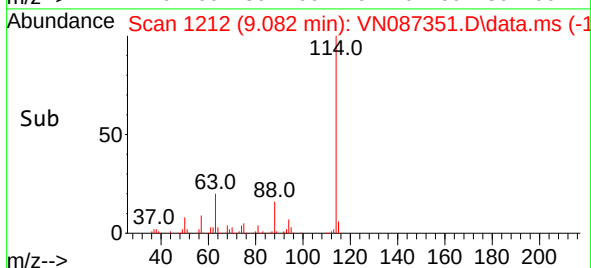
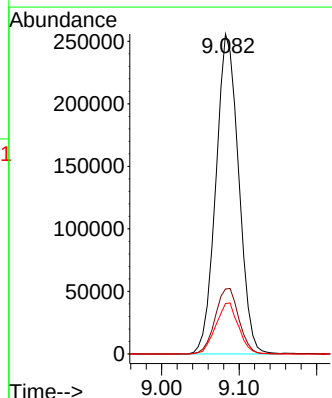
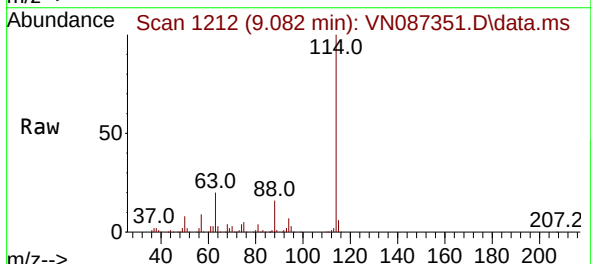
Tgt Ion:114 Resp: 522418

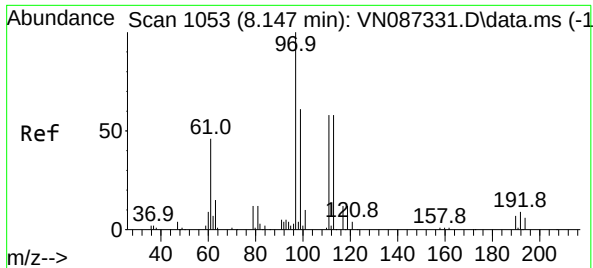
Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.6

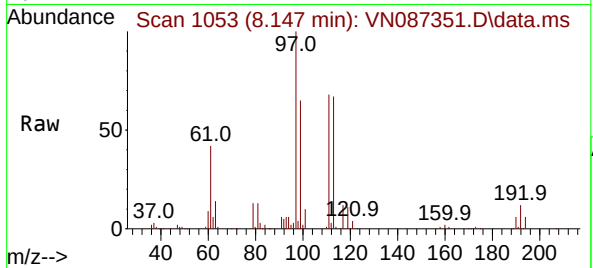
88 15.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.274 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

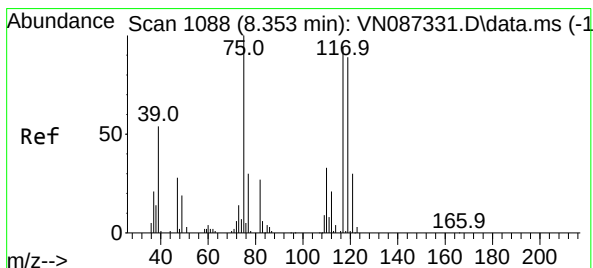
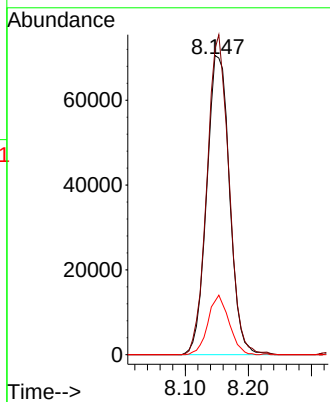
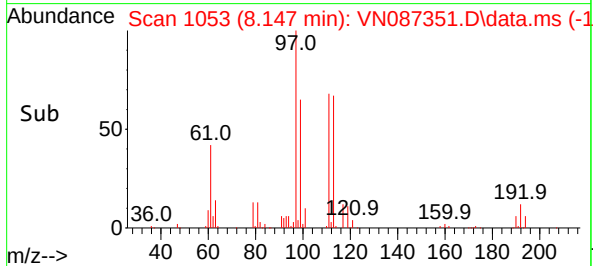
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 177560
Ion Ratio Lower Upper
113 100
111 102.9 82.5 123.7
192 18.3 13.7 20.5

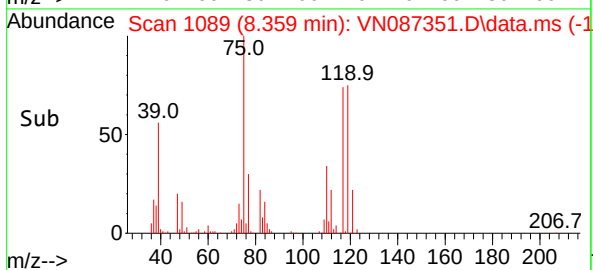
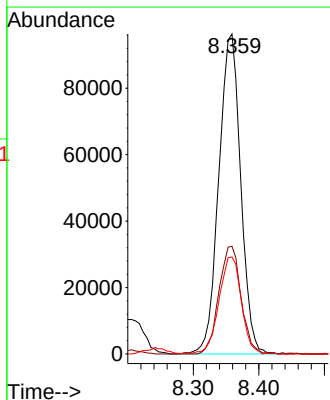
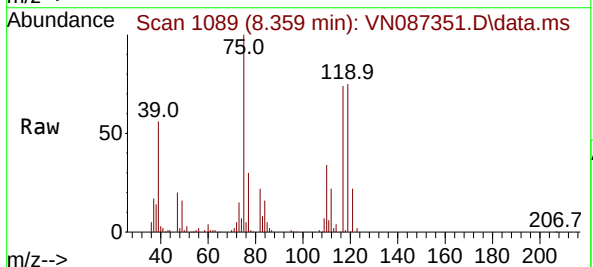
Manual Integrations
APPROVED

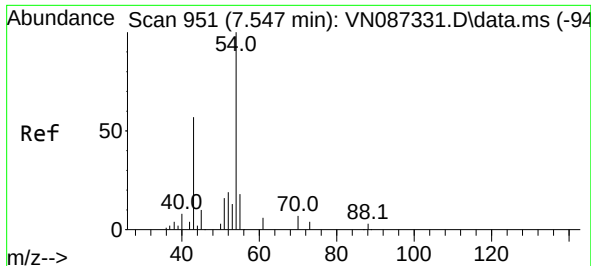
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#36
1,1-Dichloropropene
Concen: 46.868 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

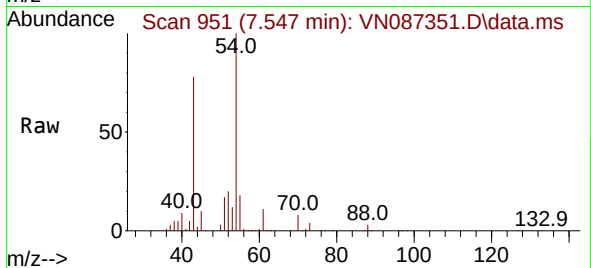
Tgt Ion: 75 Resp: 223138
Ion Ratio Lower Upper
75 100
110 34.0 16.7 50.1
77 31.0 25.2 37.8





#37
Ethyl Acetate
Concen: 44.446 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

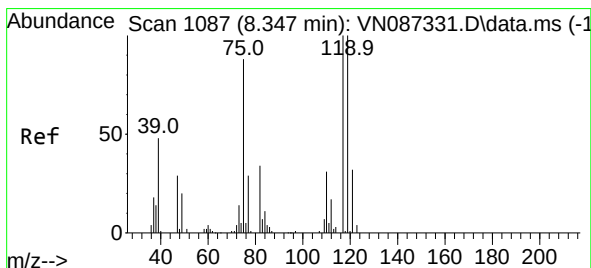
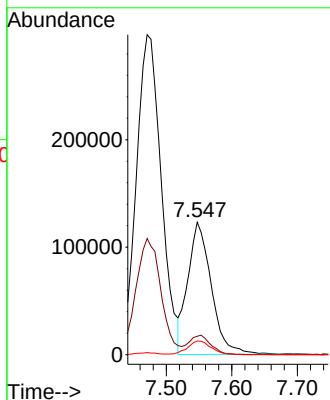
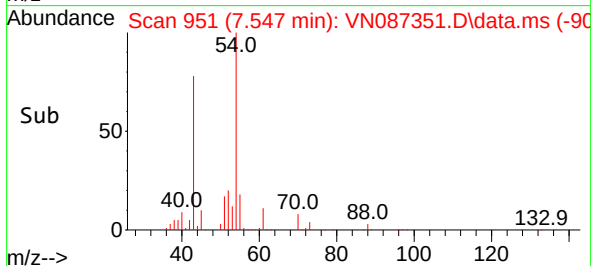
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 305610
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 10.4 7.4 11.0

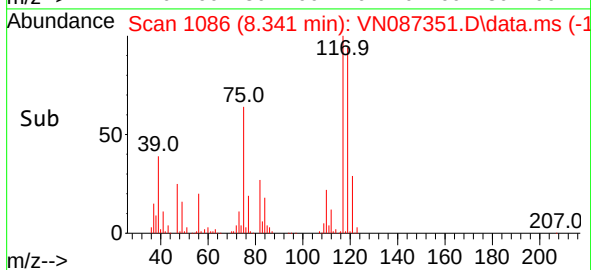
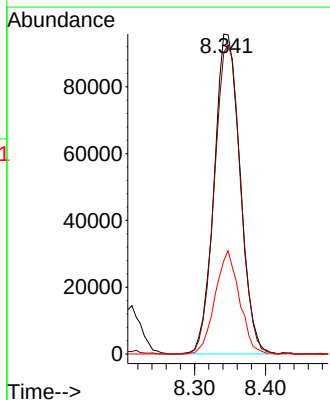
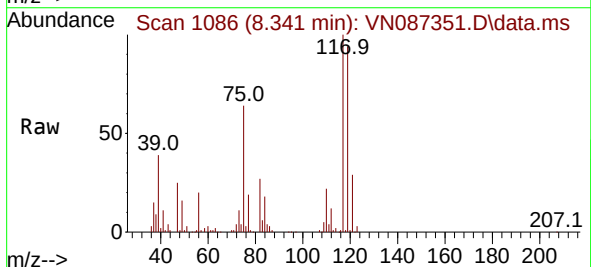
Manual Integrations
APPROVED

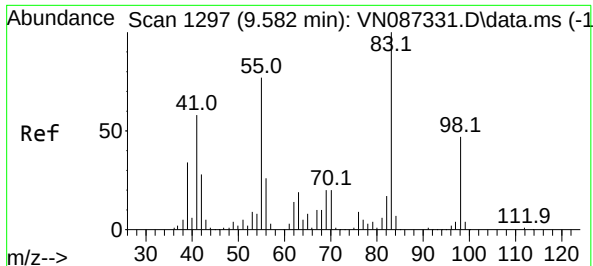
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#38
Carbon Tetrachloride
Concen: 46.230 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Tgt Ion:117 Resp: 242462
Ion Ratio Lower Upper
117 100
119 94.2 80.2 120.2
121 29.2 25.4 38.2





#39

Methylcyclohexane

Concen: 50.481 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

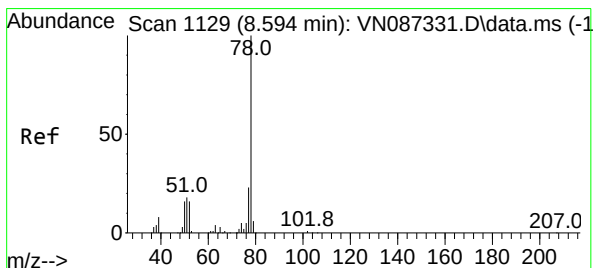
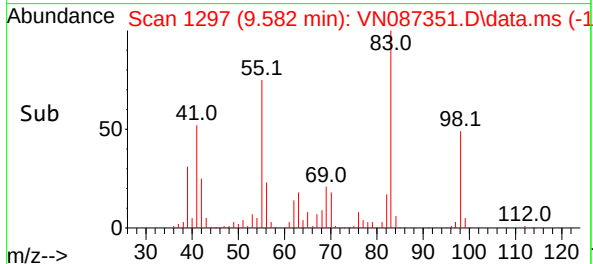
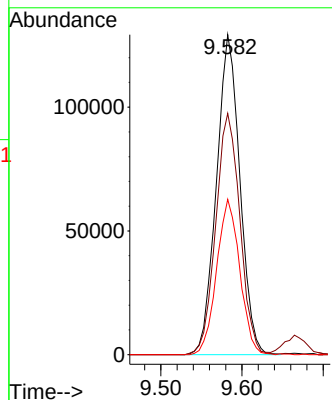
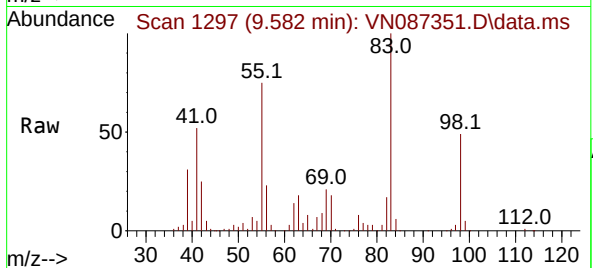
Tgt Ion: 83 Resp: 260204

Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.3	91.9
98	48.5	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#40

Benzene

Concen: 46.156 ug/l

RT: 8.588 min Scan# 1128

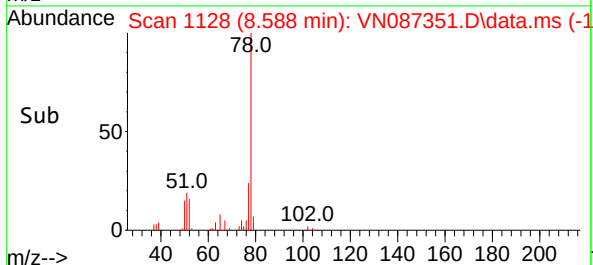
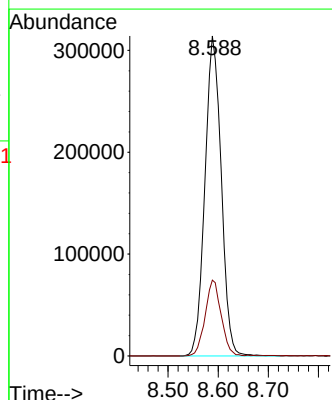
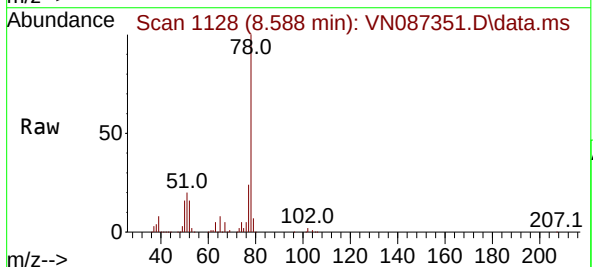
Delta R.T. -0.006 min

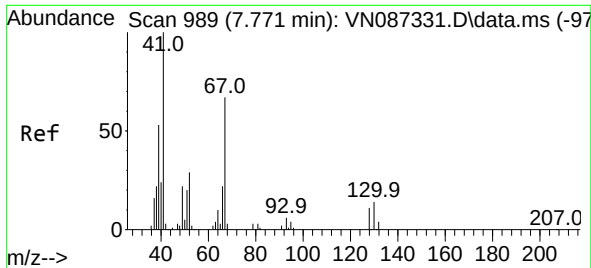
Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Tgt Ion: 78 Resp: 710232

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.2	27.2





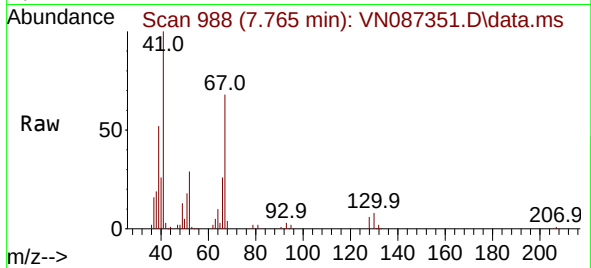
#41
Methacrylonitrile
Concen: 46.472 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

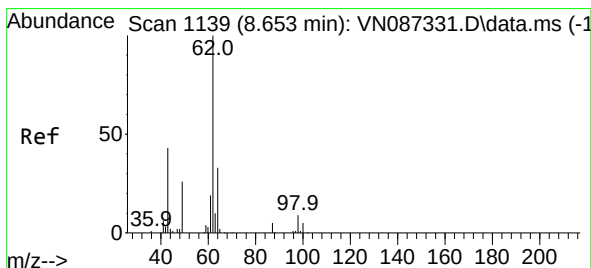
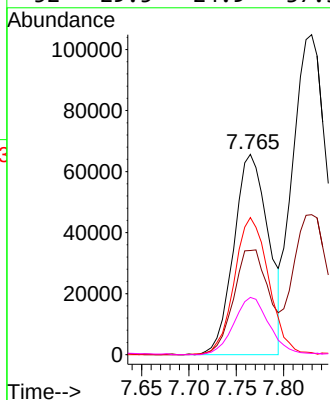
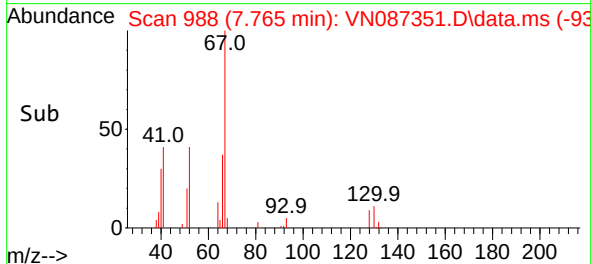


Tgt Ion: 41 Resp: 167083
Ion Ratio Lower Upper
41 100
39 53.3 43.4 65.0
67 68.2 55.1 82.7
52 29.5 24.9 37.3

Manual Integrations

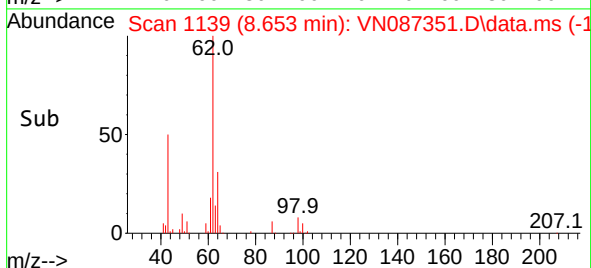
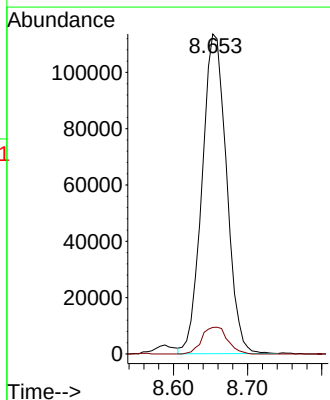
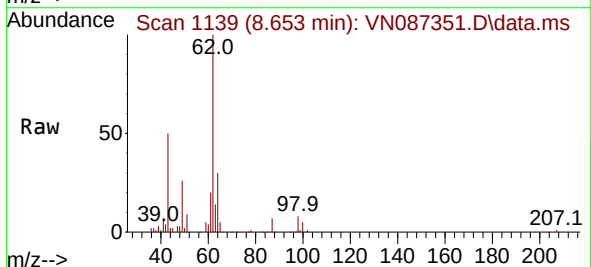
APPROVED

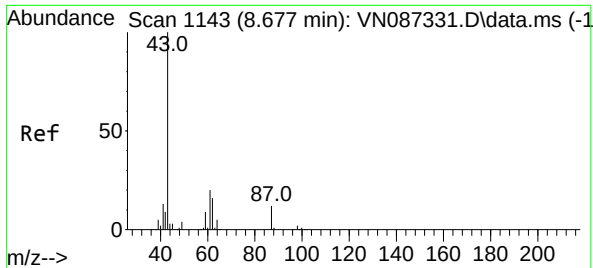
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#42
1,2-Dichloroethane
Concen: 44.559 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

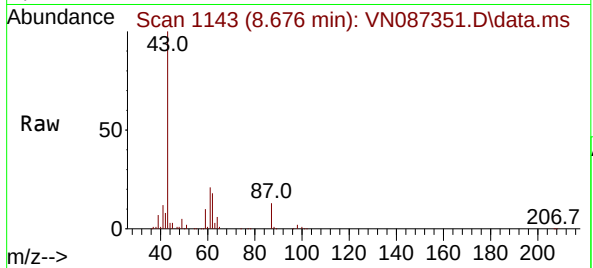
Tgt Ion: 62 Resp: 260020
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.0





#43
Isopropyl Acetate
Concen: 45.952 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

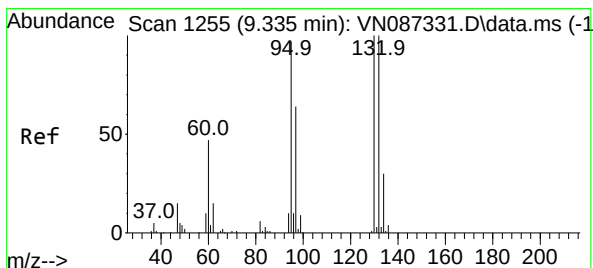
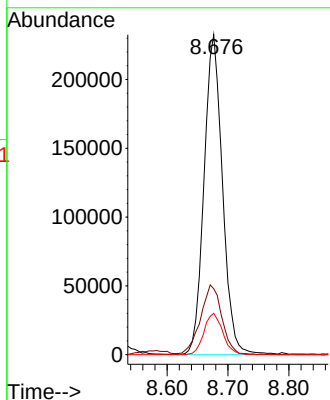
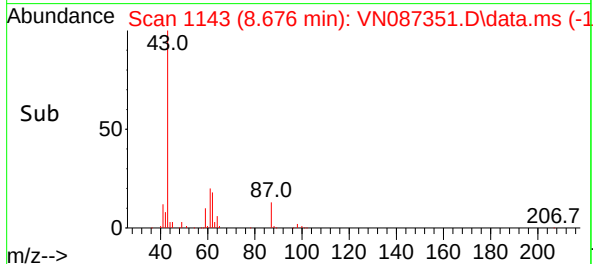
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 490492
Ion Ratio Lower Upper
43 100
61 25.3 19.8 29.8
87 13.1 9.8 14.6

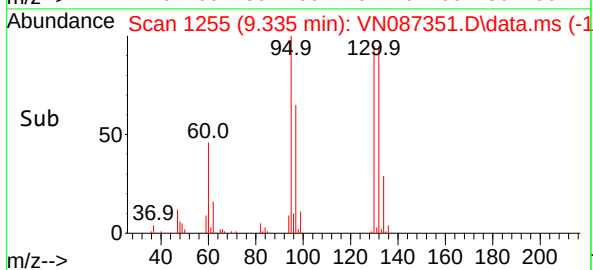
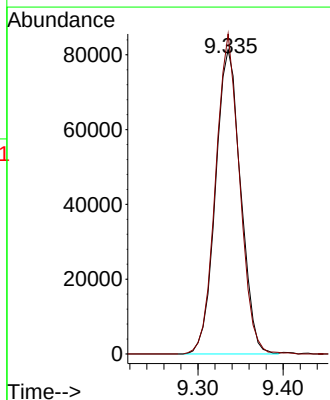
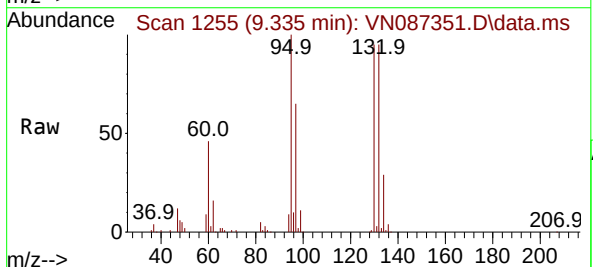
Manual Integrations
APPROVED

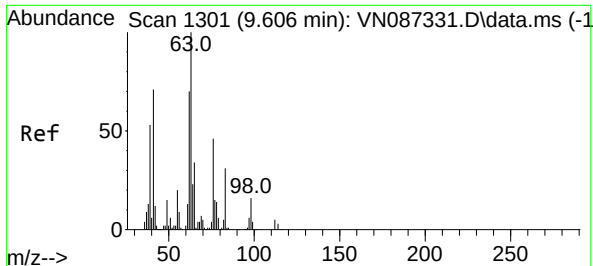
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#44
Trichloroethene
Concen: 45.824 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Tgt Ion:130 Resp: 166611
Ion Ratio Lower Upper
130 100
95 105.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 46.060 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 18008

Ion Ratio Lower Upper

63 100

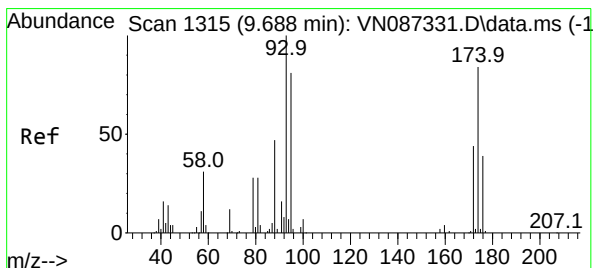
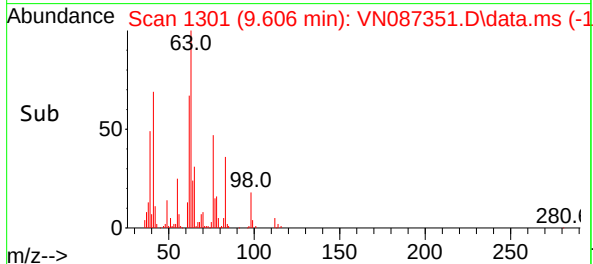
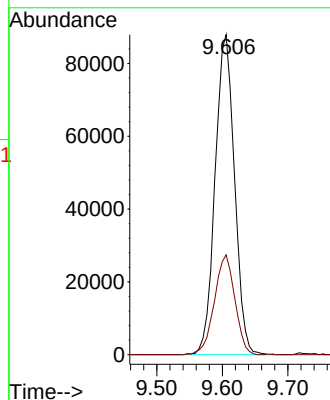
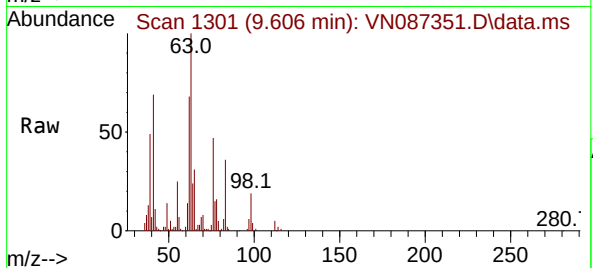
65 31.2 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#46

Dibromomethane

Concen: 45.363 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

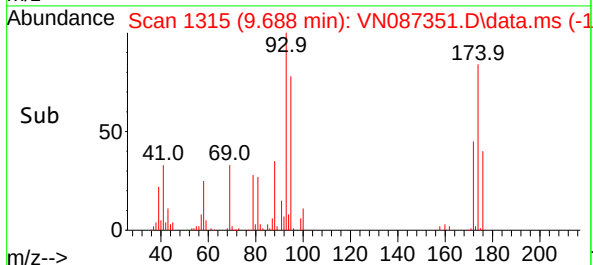
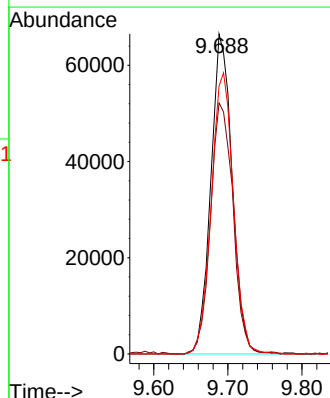
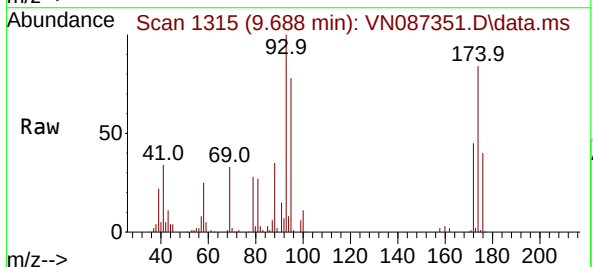
Tgt Ion: 93 Resp: 132794

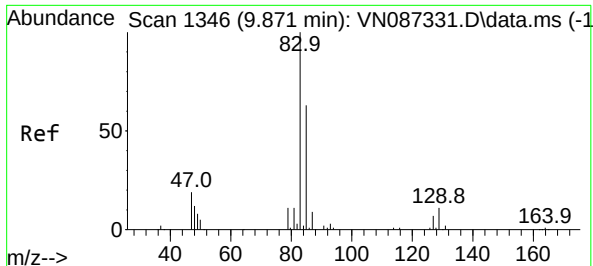
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

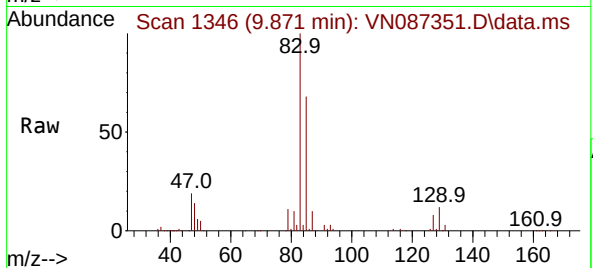
174 91.6 69.9 104.9





#47
Bromodichloromethane
Concen: 44.913 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

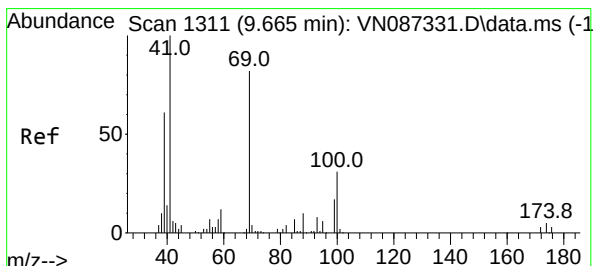
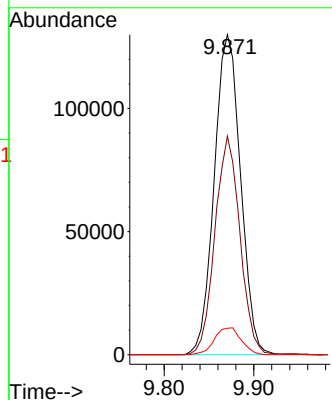
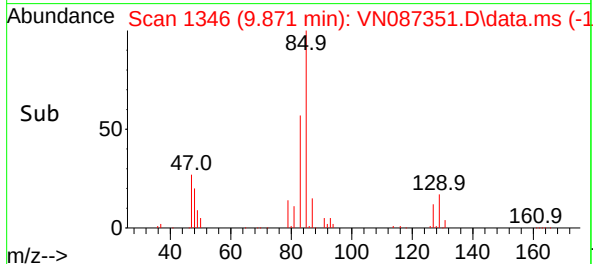
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 26483
Ion Ratio Lower Upper
83 100
85 68.3 50.4 75.6
127 8.2 5.8 8.8

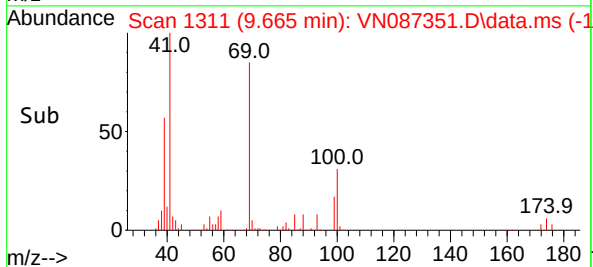
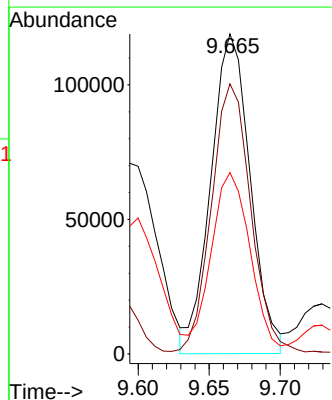
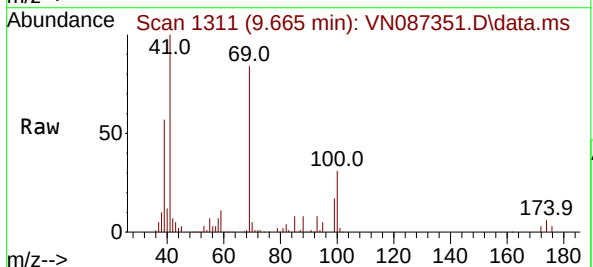
Manual Integrations
APPROVED

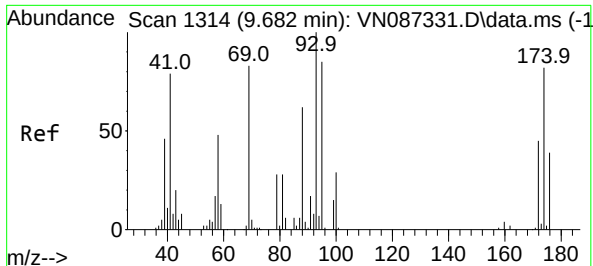
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#48
Methyl methacrylate
Concen: 47.682 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Tgt Ion: 41 Resp: 229126
Ion Ratio Lower Upper
41 100
69 85.8 64.1 96.1
39 56.1 45.5 68.3





#49

1,4-Dioxane

Concen: 803.276 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 59120

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

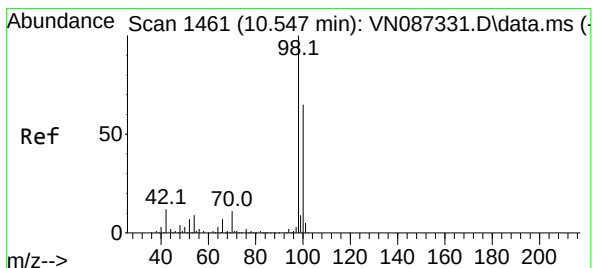
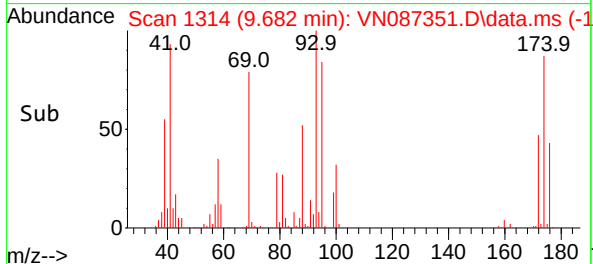
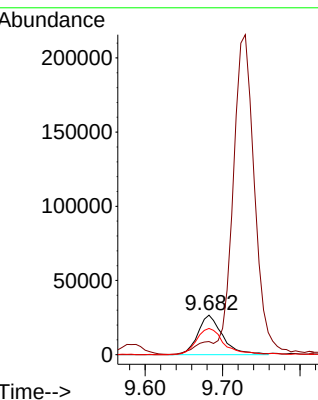
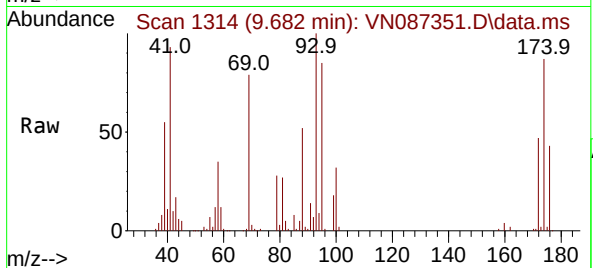
58 73.3 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#50

Toluene-d8

Concen: 50.157 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087351.D

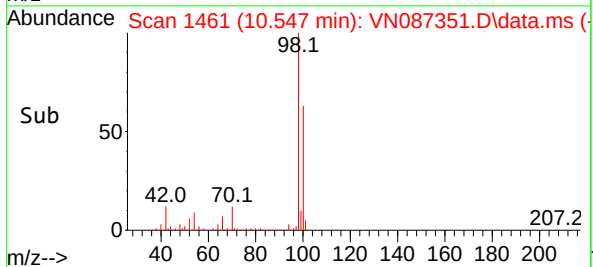
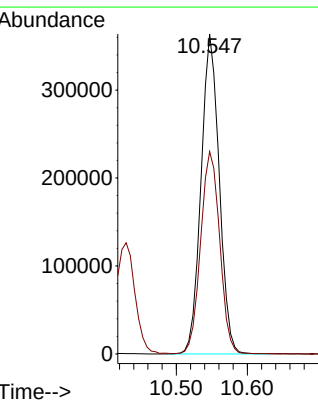
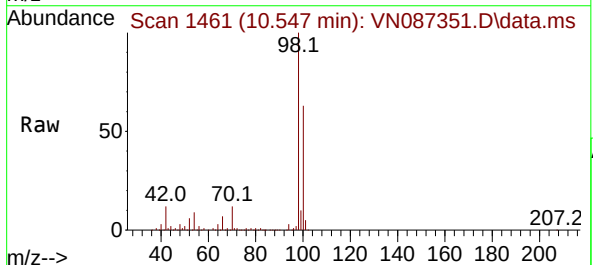
Acq: 17 Jul 2025 17:36

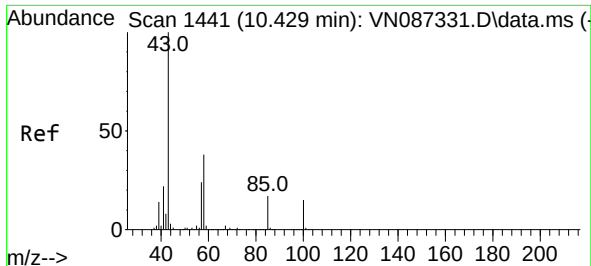
Tgt Ion: 98 Resp: 644744

Ion Ratio Lower Upper

98 100

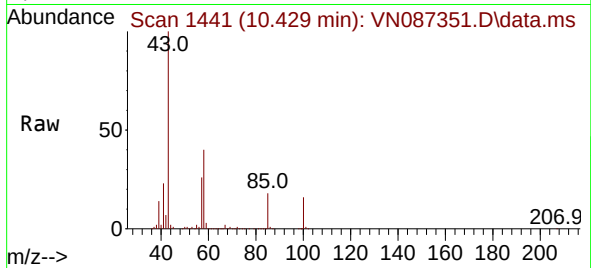
100 66.6 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 222.937 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

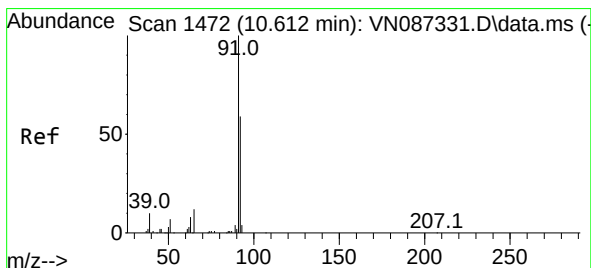
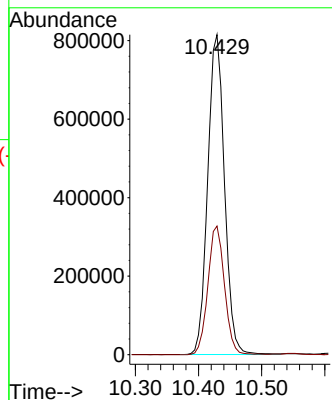
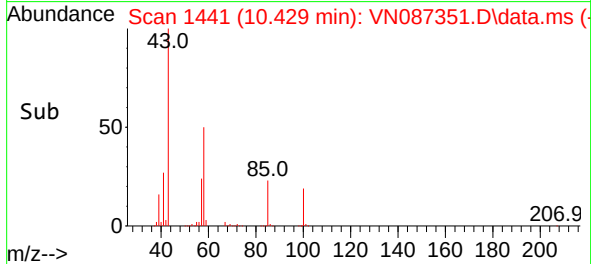
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1505059
Ion Ratio Lower Upper
43 100
58 39.8 30.8 46.2

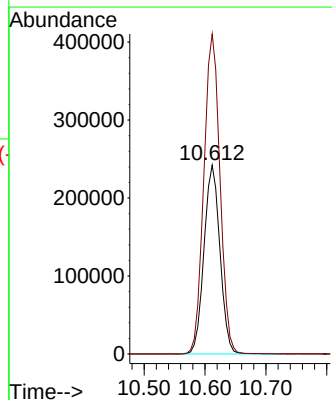
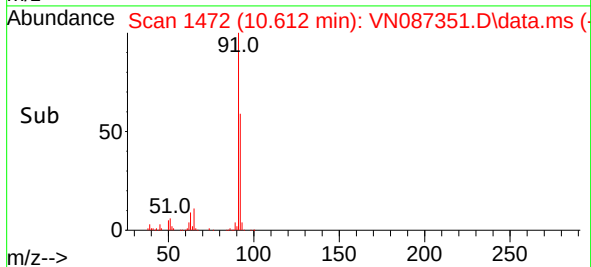
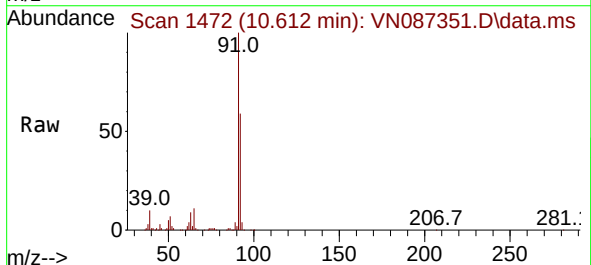
Manual Integrations
APPROVED

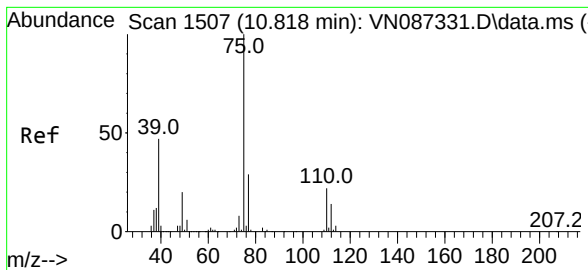
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#52
Toluene
Concen: 46.988 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

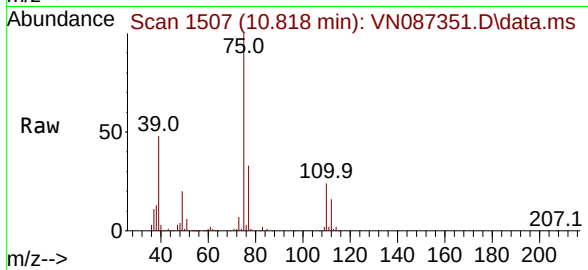
Tgt Ion: 92 Resp: 439473
Ion Ratio Lower Upper
92 100
91 172.1 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 48.316 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

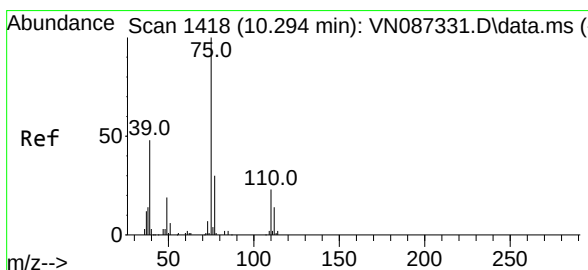
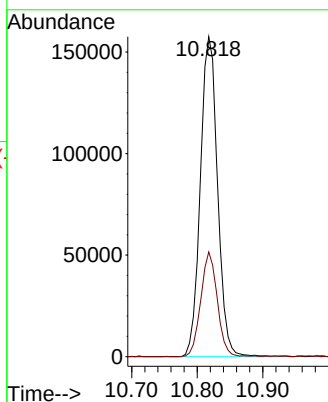
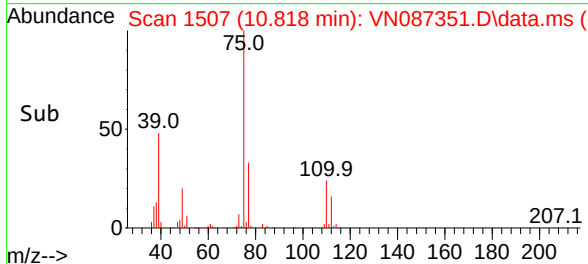
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 28832
Ion Ratio Lower Upper
75 100
77 32.7 23.6 35.4

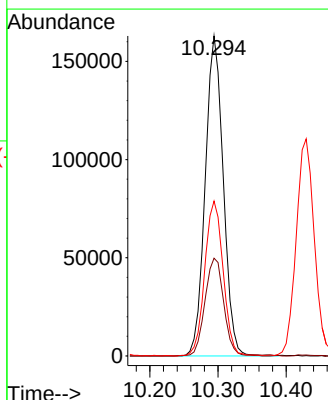
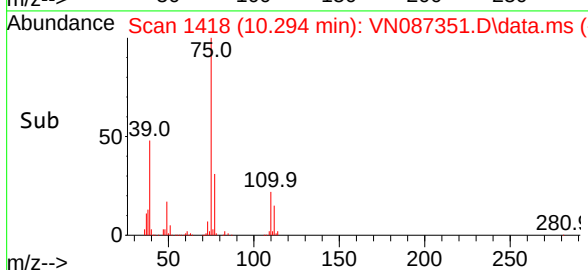
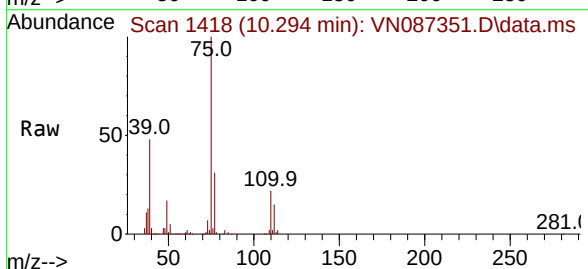
Manual Integrations
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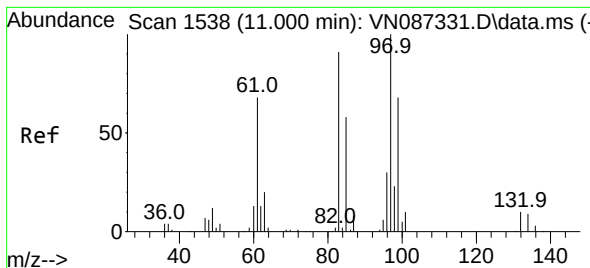
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#54
cis-1,3-Dichloropropene
Concen: 48.866 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Tgt Ion: 75 Resp: 301221
Ion Ratio Lower Upper
75 100
77 30.4 24.2 36.2
39 48.4 38.4 57.6





#55

1,1,2-Trichloroethane

Concen: 45.540 ug/l

RT: 11.000 min Scan# 1538

Delta R.T. -0.000 min

Lab File: VN087351.D

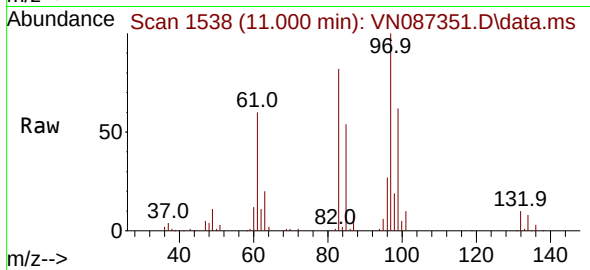
Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 172439

Ion Ratio Lower Upper

97 100

83 82.5 72.6 109.0

85 54.2 46.7 70.1

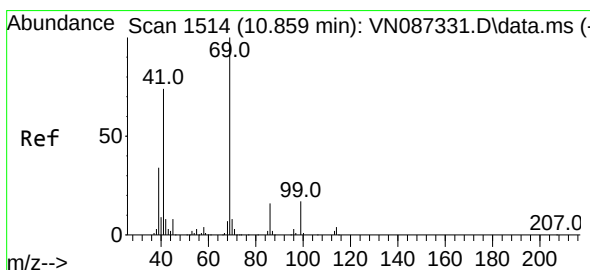
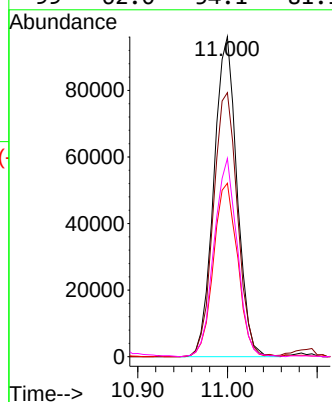
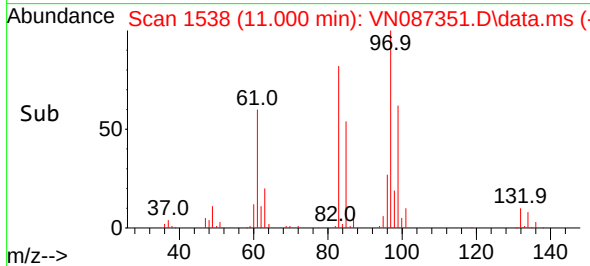
99 62.0 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#56

Ethyl methacrylate

Concen: 48.353 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

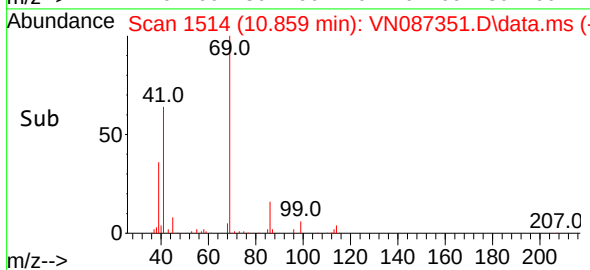
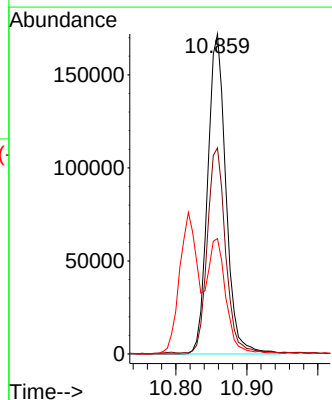
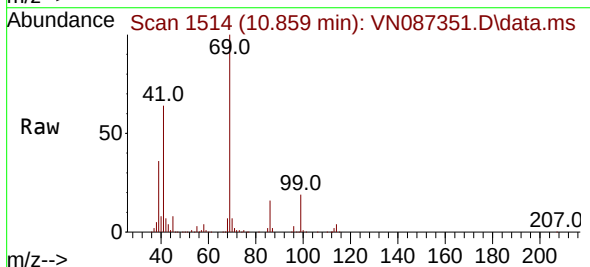
Tgt Ion: 69 Resp: 307340

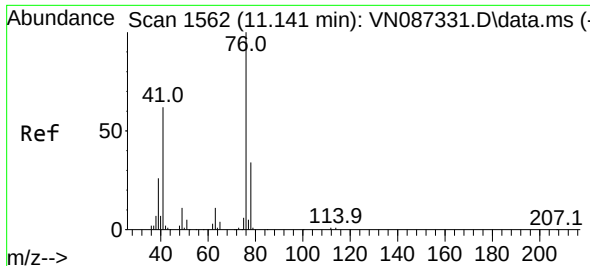
Ion Ratio Lower Upper

69 100

41 64.1 55.1 82.7

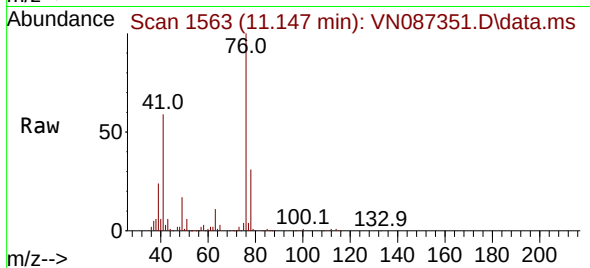
39 33.0 27.9 41.9





#57
1,3-Dichloropropane
Concen: 47.198 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

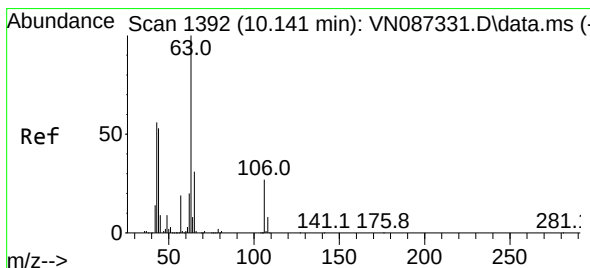
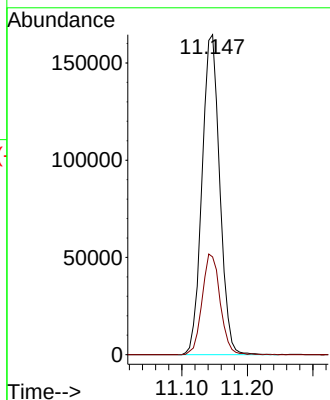
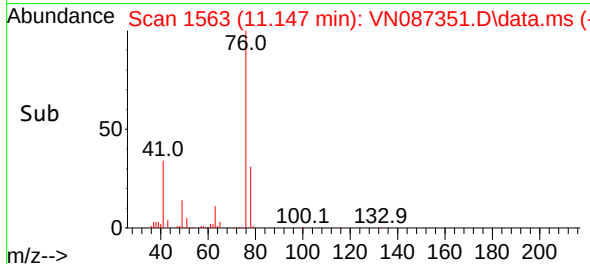
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



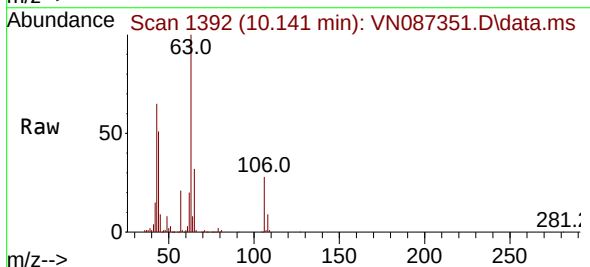
Tgt Ion: 76 Resp: 309000
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0

Manual Integrations
APPROVED

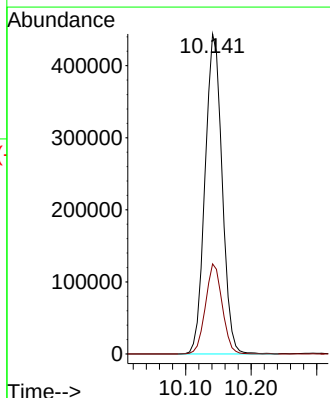
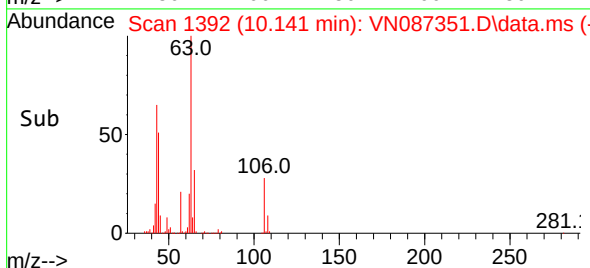
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

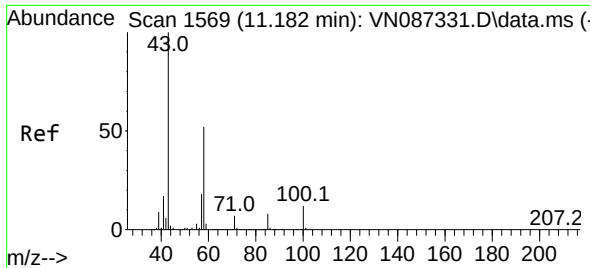


#58
2-Chloroethyl Vinyl ether
Concen: 258.545 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36



Tgt Ion: 63 Resp: 803086
Ion Ratio Lower Upper
63 100
106 27.6 21.7 32.5





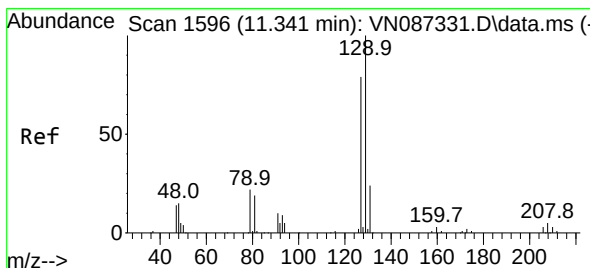
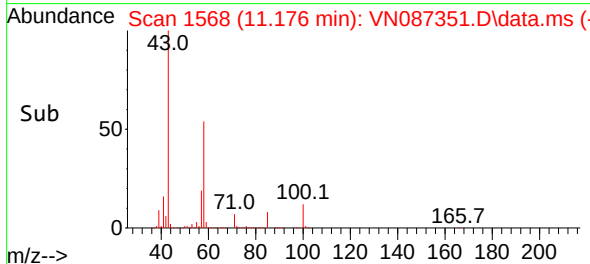
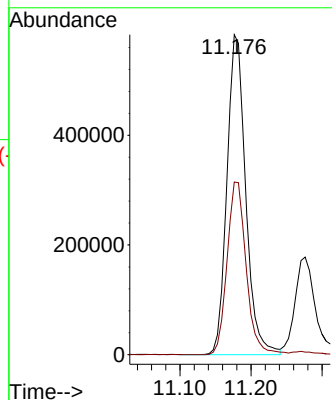
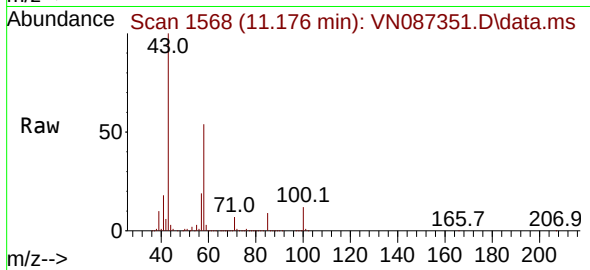
#59
2-Hexanone
Concen: 239.310 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 107188
Ion Ratio Lower Upper
43 100
58 55.0 26.7 80.0

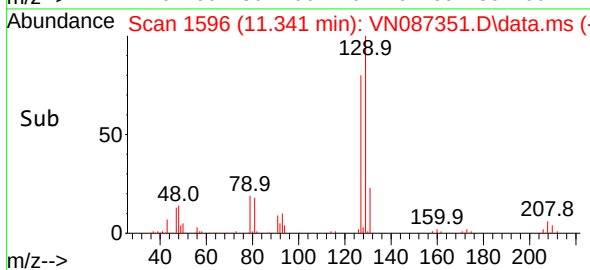
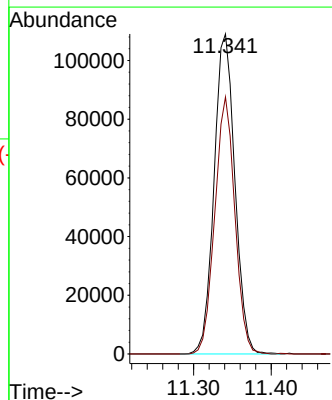
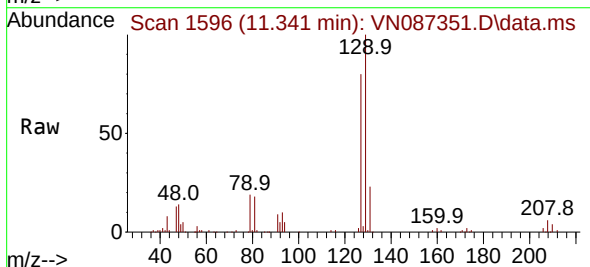
Manual Integrations
APPROVED

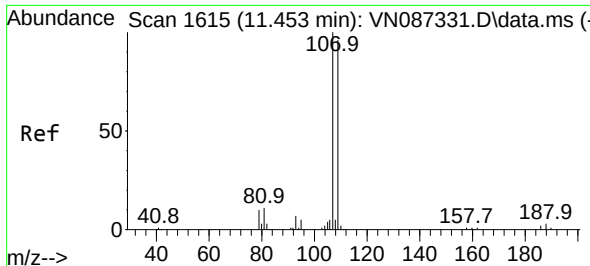
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#60
Dibromochloromethane
Concen: 47.144 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

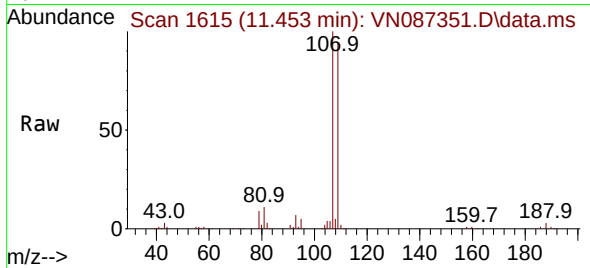
Tgt Ion:129 Resp: 203584
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.5





#61
1,2-Dibromoethane
Concen: 46.327 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

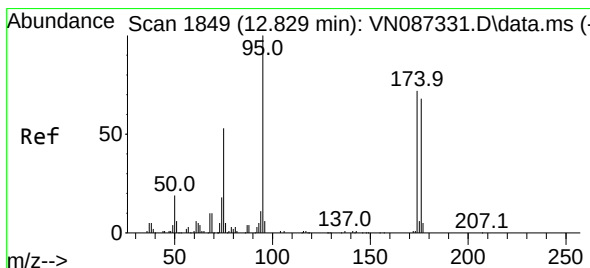
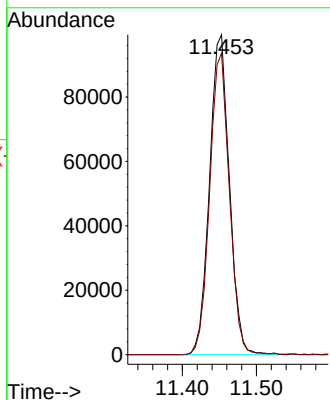
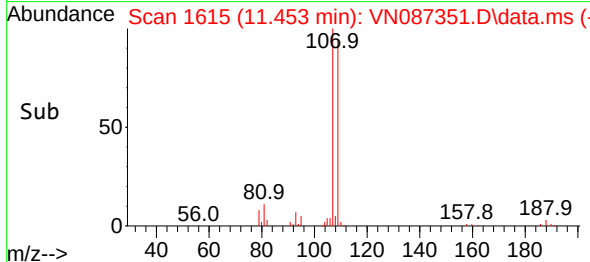
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



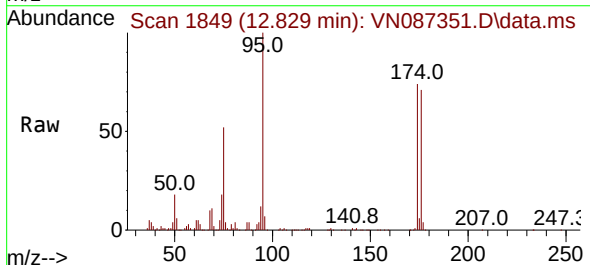
Tgt Ion:107 Resp: 184440
Ion Ratio Lower Upper
107 100
109 93.5 77.5 116.3

Manual Integrations
APPROVED

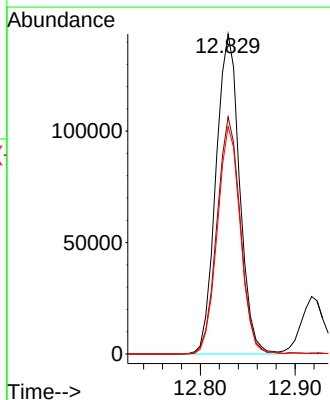
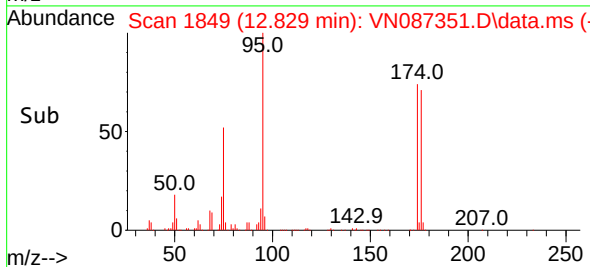
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

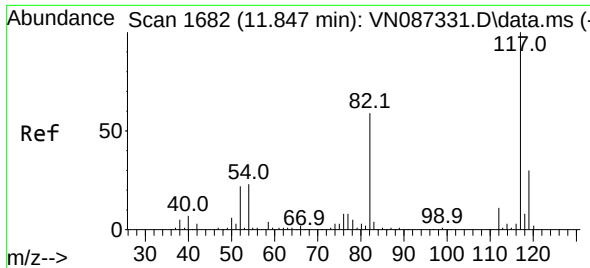


#62
4-Bromofluorobenzene
Concen: 52.366 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36



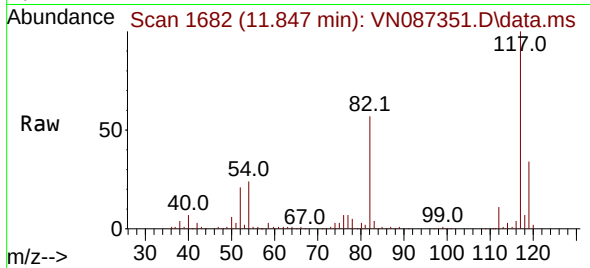
Tgt Ion: 95 Resp: 248697
Ion Ratio Lower Upper
95 100
174 73.1 0.0 149.4
176 69.6 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

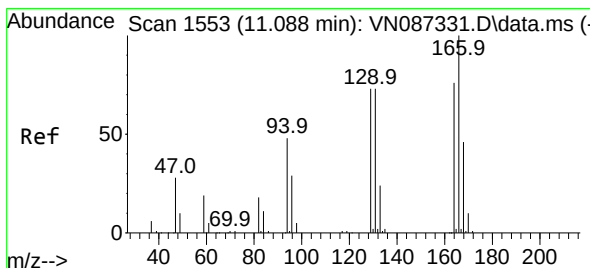
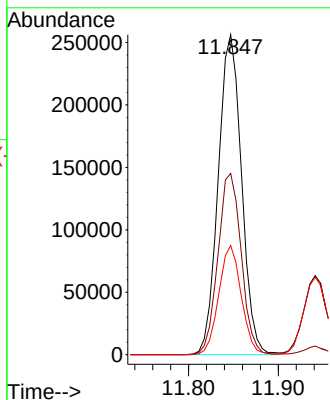
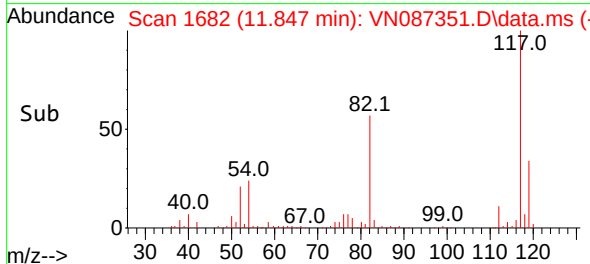
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 462752
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 34.1 23.8 35.8

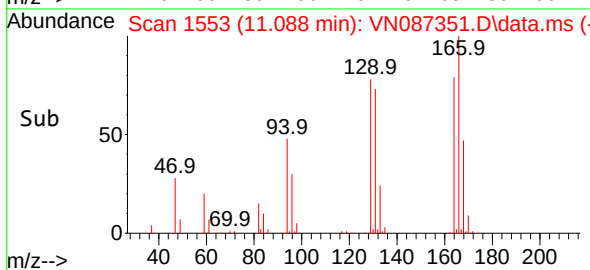
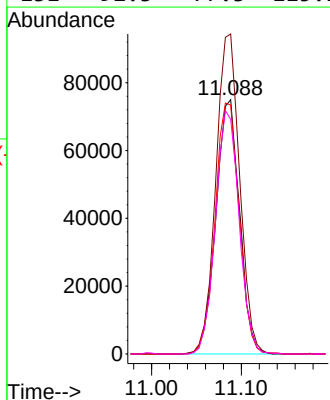
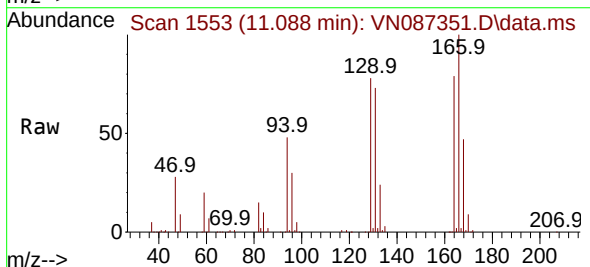
Manual Integrations
APPROVED

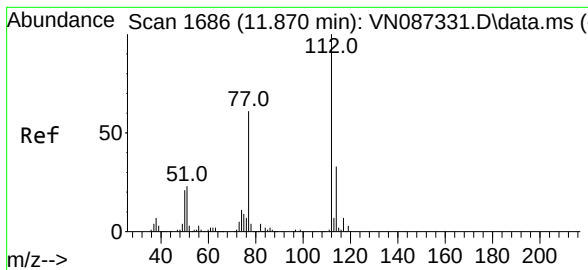
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#64
Tetrachloroethene
Concen: 45.979 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

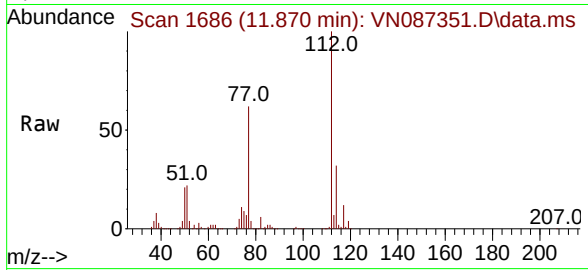
Tgt Ion:164 Resp: 136939
Ion Ratio Lower Upper
164 100
166 125.8 105.5 158.3
129 97.9 77.4 116.2
131 92.3 77.3 115.9





#65
Chlorobenzene
Concen: 46.564 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

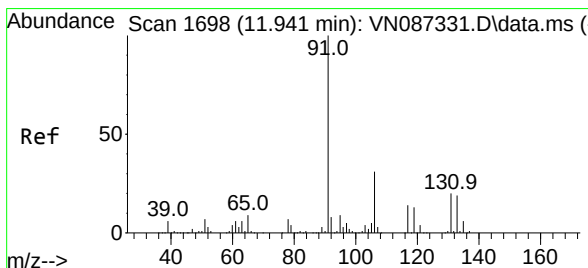
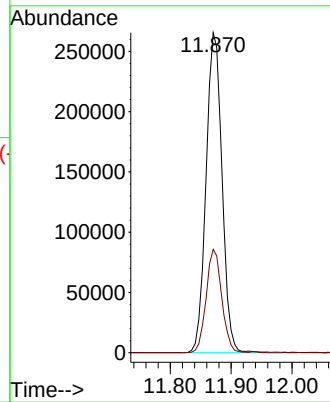
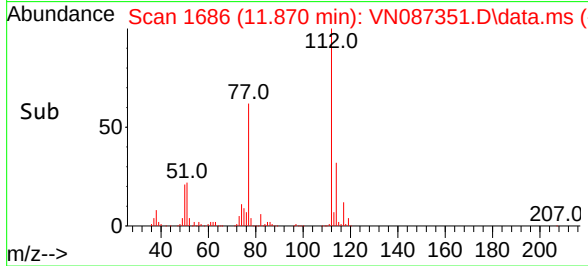
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 483750
Ion Ratio Lower Upper
112 100
114 32.3 26.5 39.7

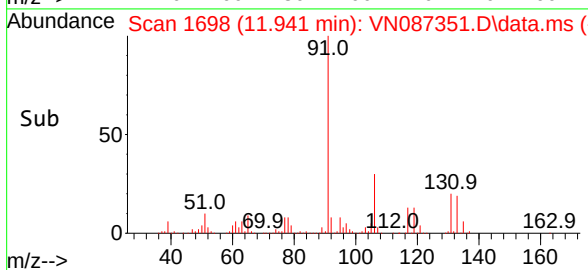
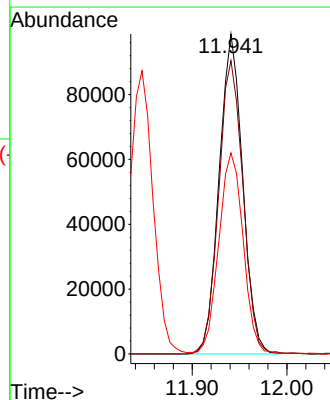
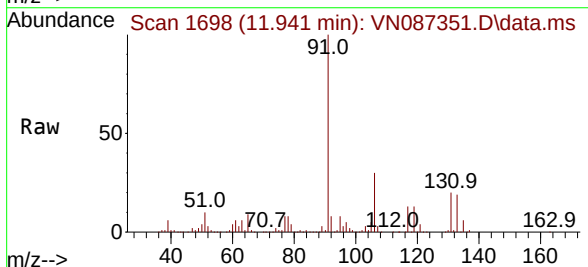
Manual Integrations
APPROVED

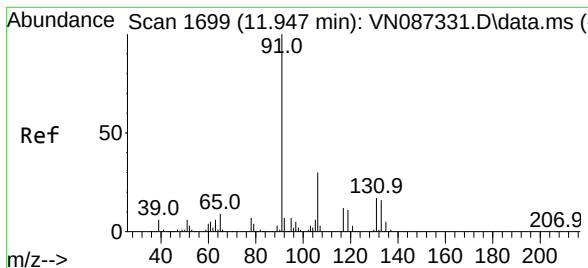
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.200 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

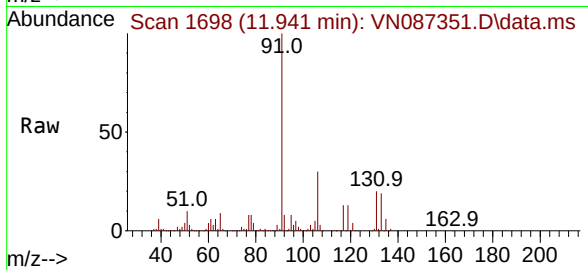
Tgt Ion:131 Resp: 170273
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 65.1 33.1 99.2





#67
Ethyl Benzene
Concen: 48.701 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

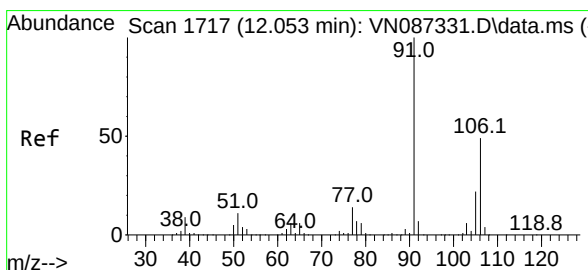
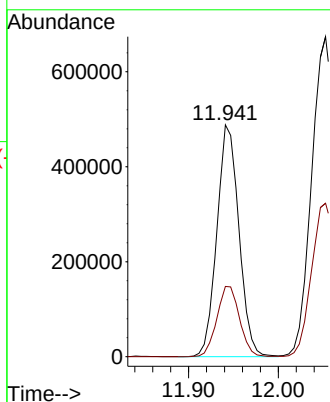
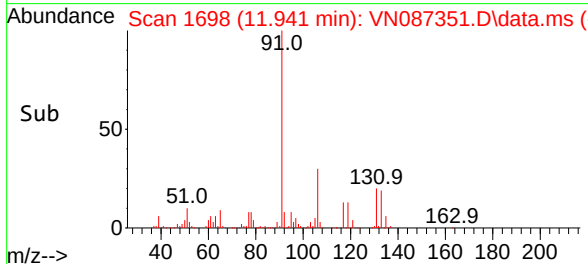
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 832936
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

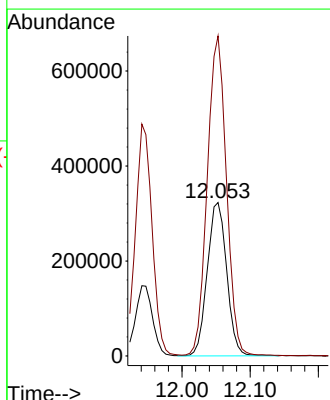
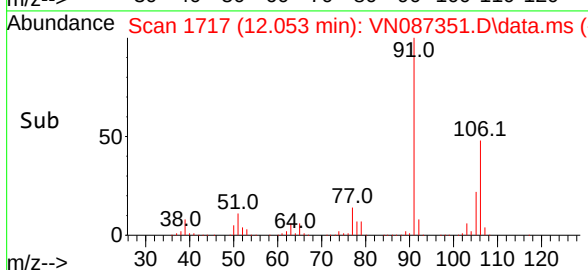
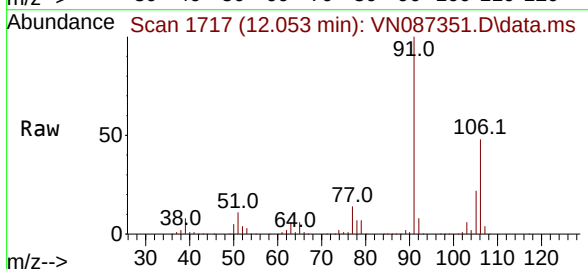
Manual Integrations
APPROVED

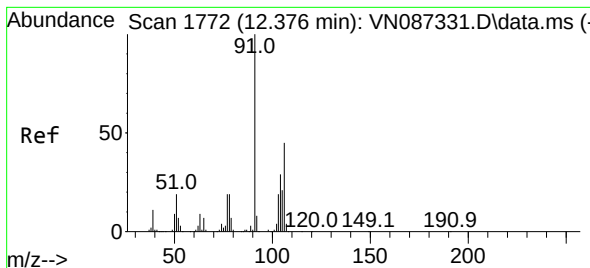
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#68
m/p-Xylenes
Concen: 99.749 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Tgt Ion:106 Resp: 638836
Ion Ratio Lower Upper
106 100
91 206.2 162.0 243.0





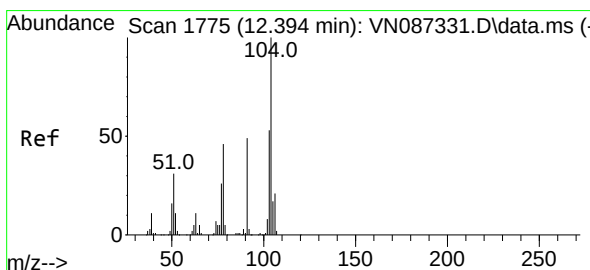
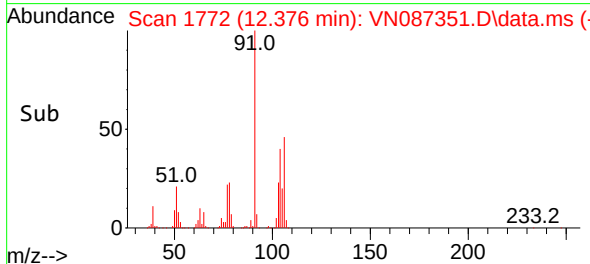
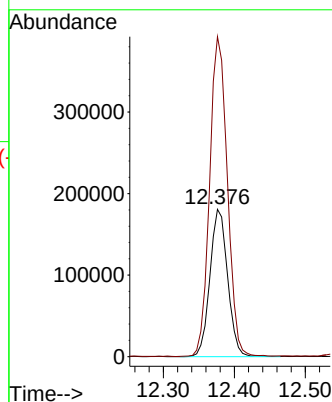
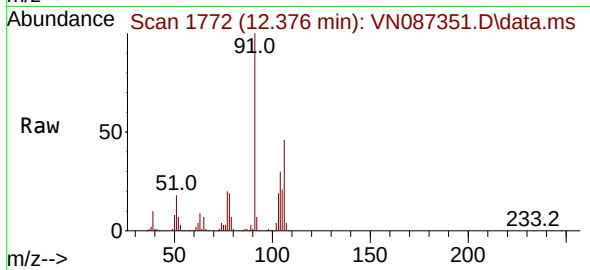
#69
o-Xylene
Concen: 51.188 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 313152
Ion Ratio Lower Upper
106 100
91 217.2 107.7 323.3

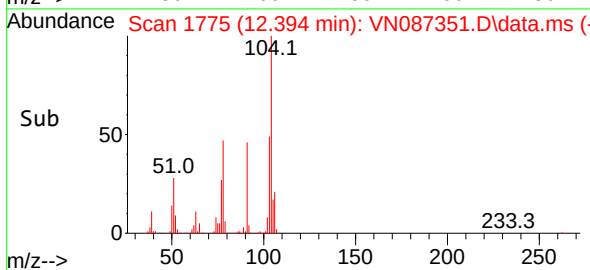
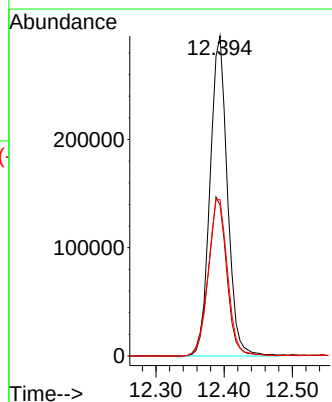
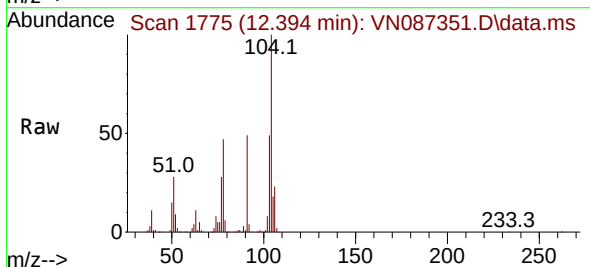
Manual Integrations
APPROVED

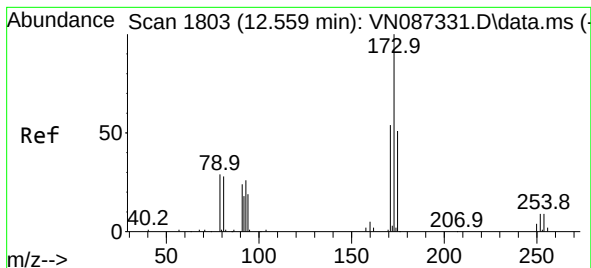
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#70
Styrene
Concen: 51.010 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Tgt Ion:104 Resp: 524957
Ion Ratio Lower Upper
104 100
78 52.8 41.0 61.6
103 54.1 43.9 65.9





#71

Bromoform

Concen: 48.109 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 137302

Ion Ratio Lower Upper

173 100

175 50.0 24.1 72.3

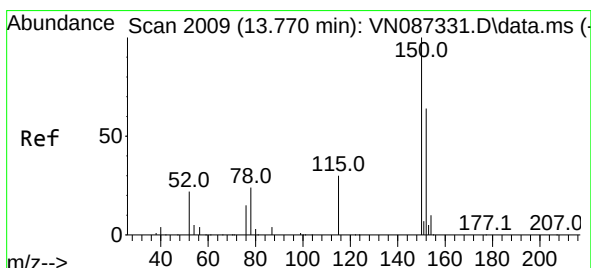
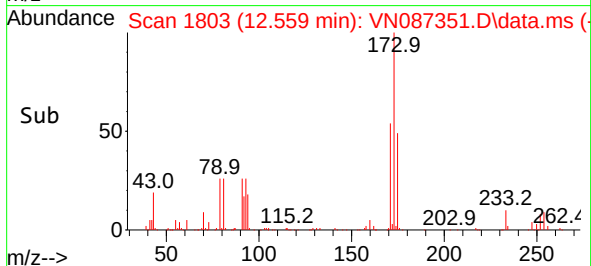
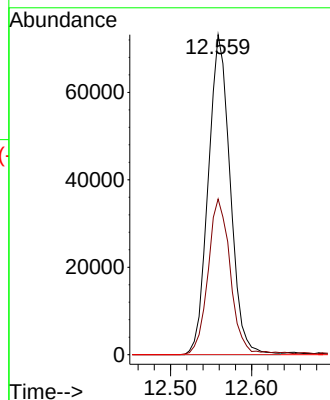
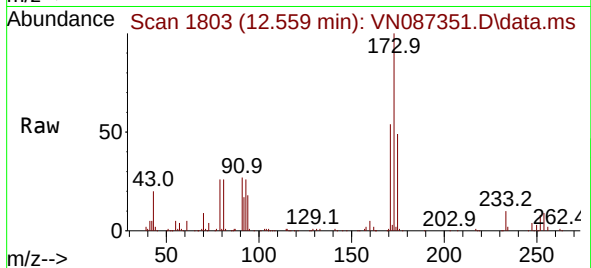
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

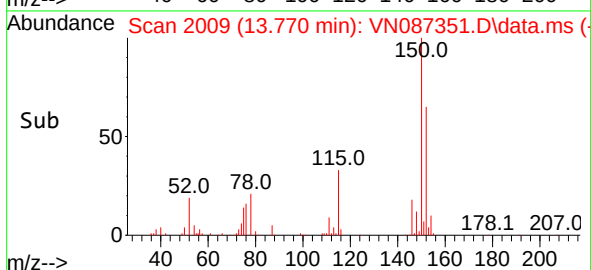
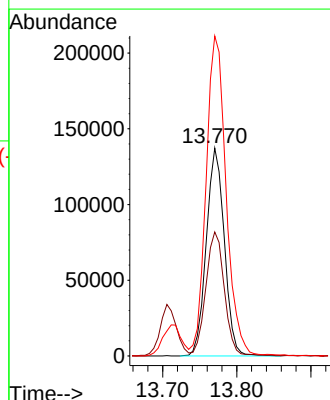
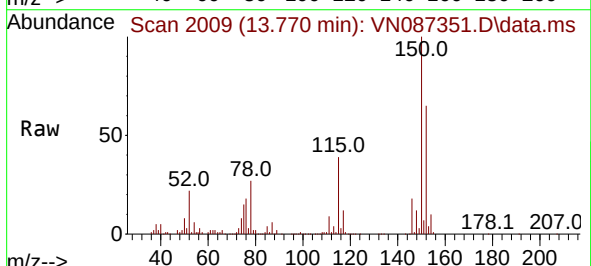
Tgt Ion:152 Resp: 232357

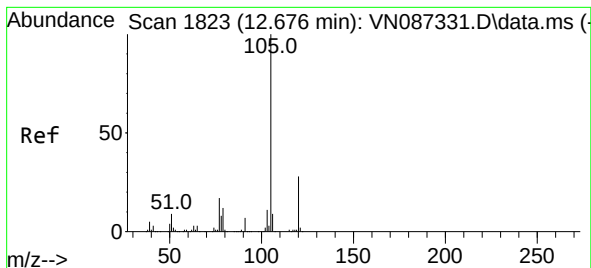
Ion Ratio Lower Upper

152 100

115 60.9 31.1 93.5

150 170.7 0.0 349.0





#73

Isopropylbenzene

Concen: 53.771 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 786360

Ion Ratio Lower Upper

105 100

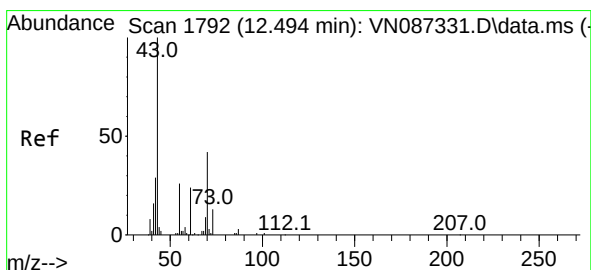
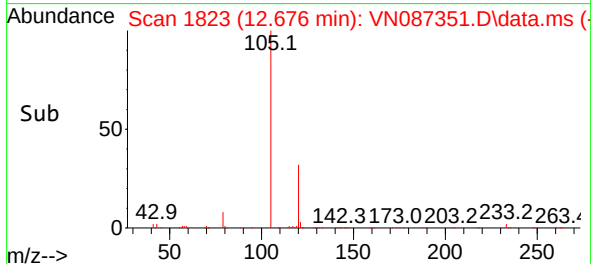
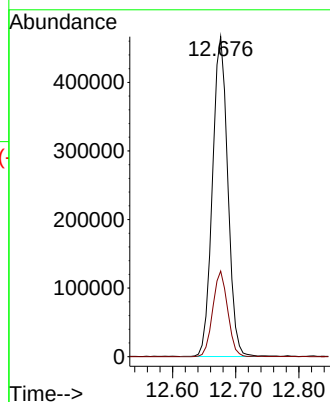
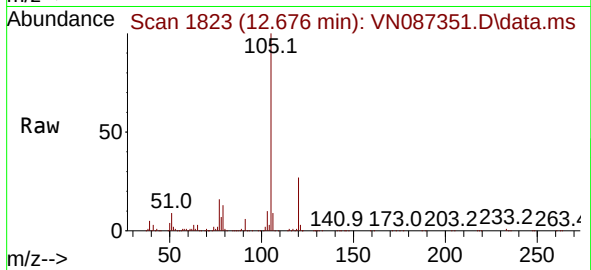
120 26.1 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#74

N-ethyl acetate

Concen: 50.389 ug/l m

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Tgt Ion: 43 Resp: 306162

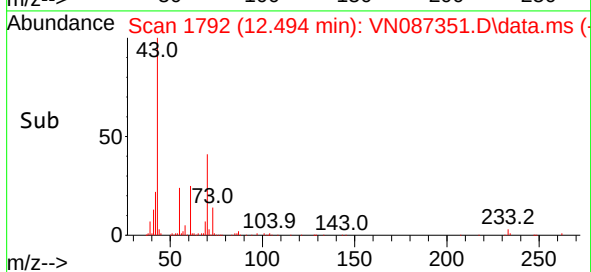
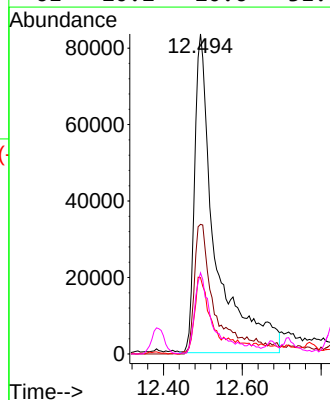
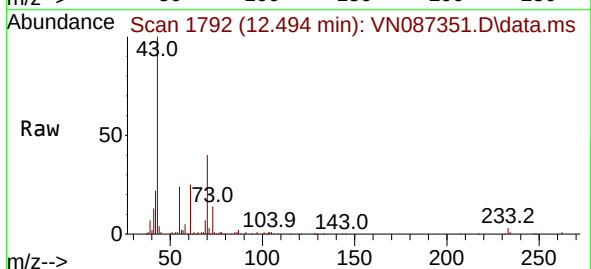
Ion Ratio Lower Upper

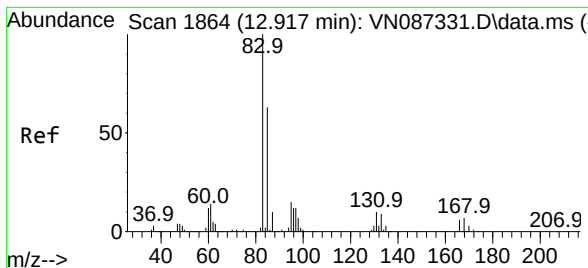
43 100

70 38.8 37.6 56.4

55 17.6 19.6 29.4#

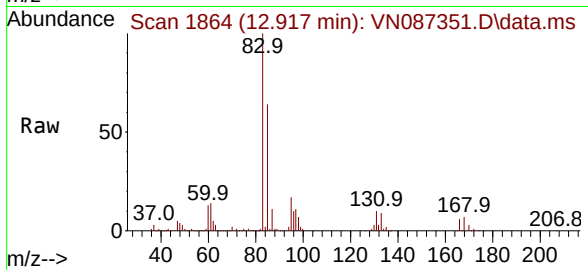
61 20.2 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 47.082 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

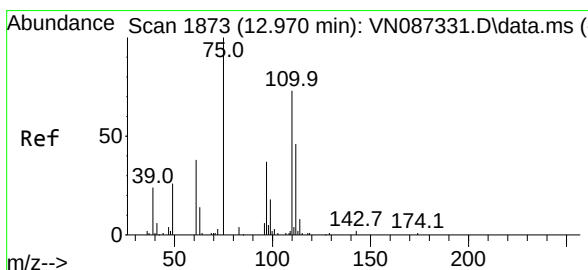
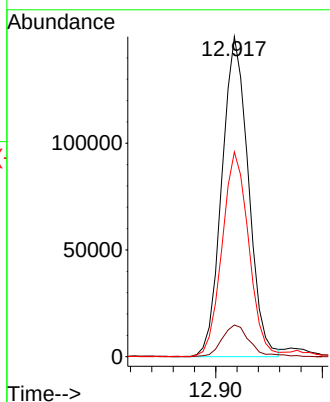
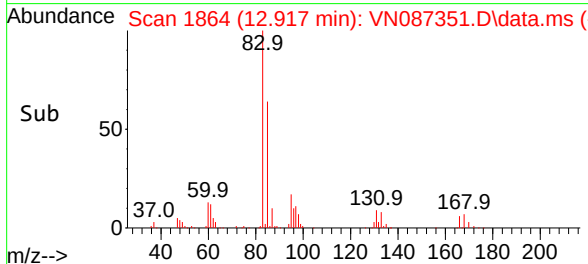
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 259083
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.7 32.5 97.4

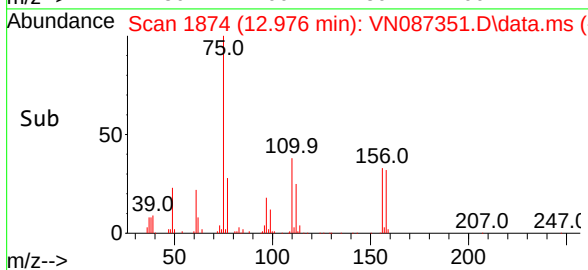
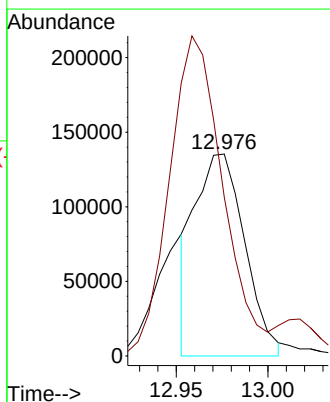
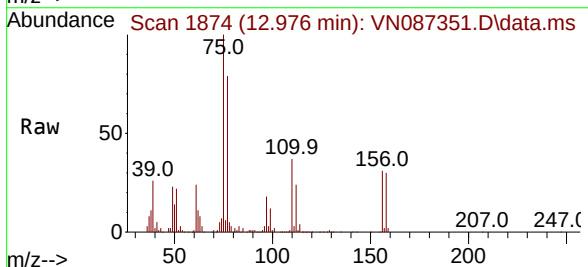
Manual Integrations
APPROVED

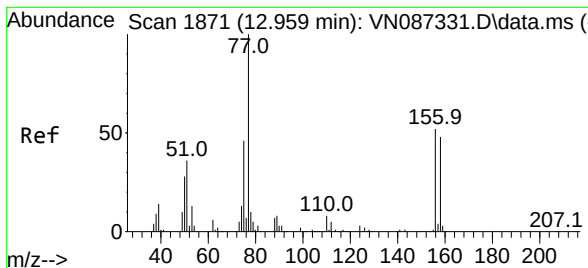
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#76
1,2,3-Trichloropropane
Concen: 49.024 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Tgt Ion: 75 Resp: 255438
Ion Ratio Lower Upper
75 100
77 170.5 94.5 283.6





#77

Bromobenzene

Concen: 51.133 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

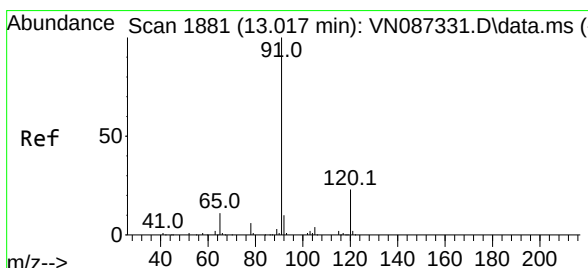
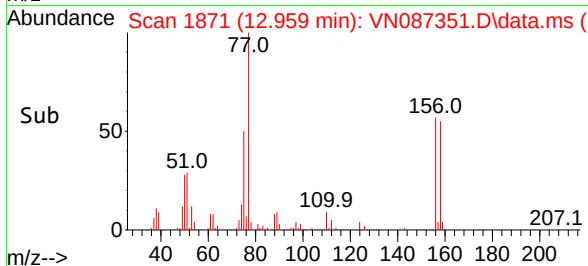
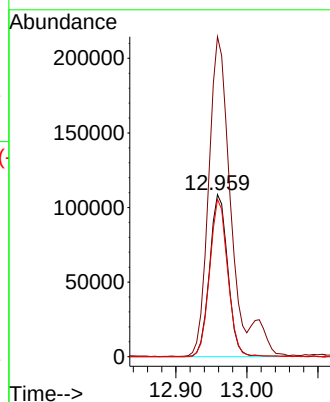
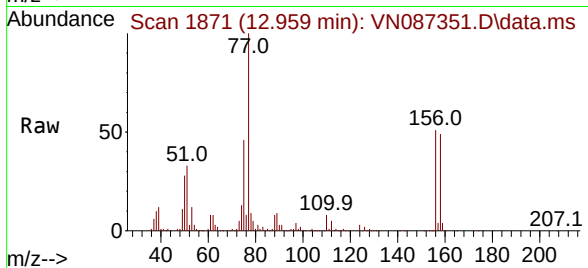
VSTDCCC050EC

Tgt Ion:156 Resp: 193932
 Ion Ratio Lower Upper
 156 100
 77 224.6 114.9 344.6
 158 96.2 48.5 145.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#78

n-propylbenzene

Concen: 51.058 ug/l

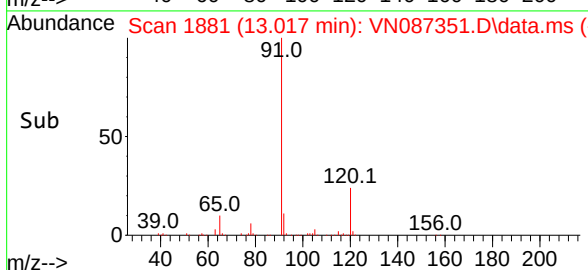
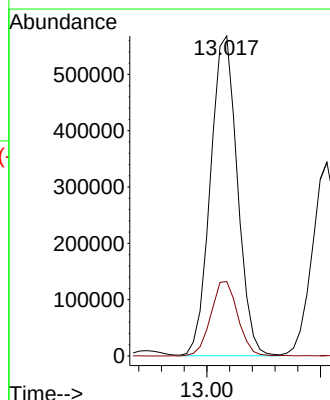
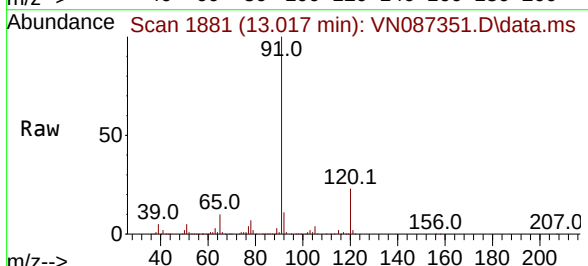
RT: 13.017 min Scan# 1881

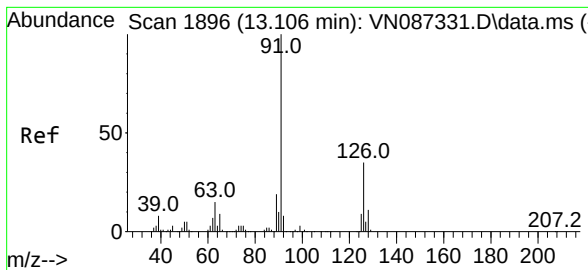
Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Tgt Ion: 91 Resp: 939436
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.3 33.8





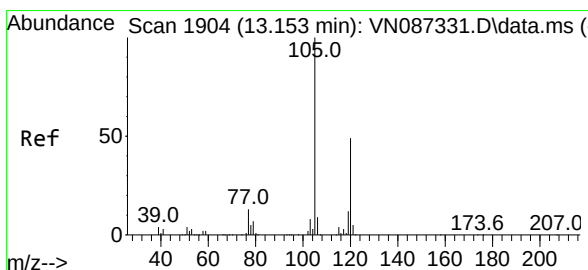
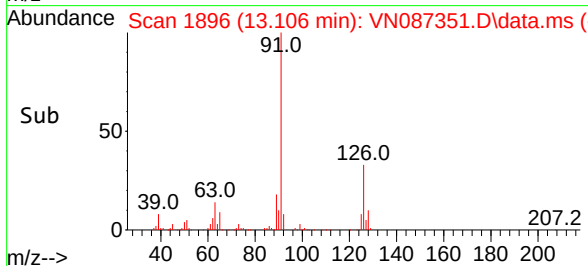
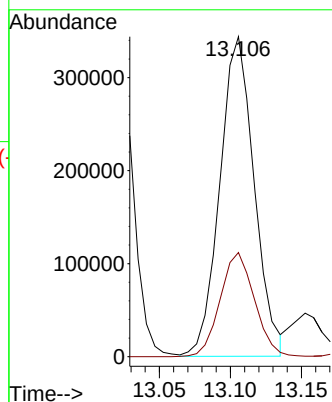
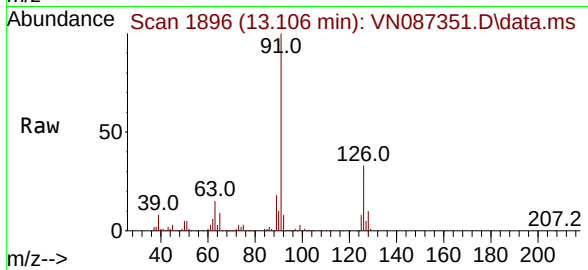
#79
2-Chlorotoluene
Concen: 51.122 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 578079
Ion Ratio Lower Upper
91 100
126 32.6 16.9 50.6

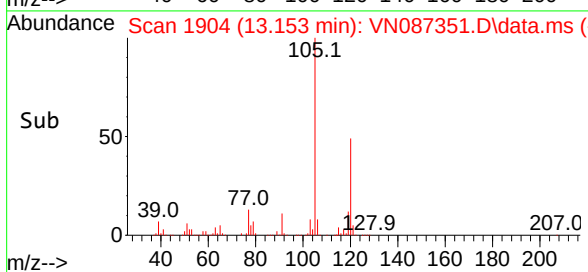
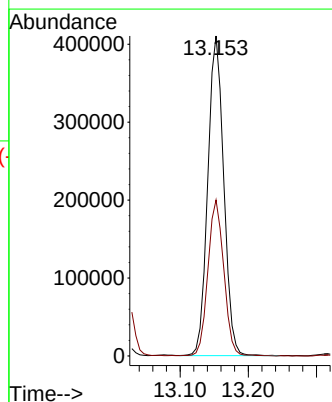
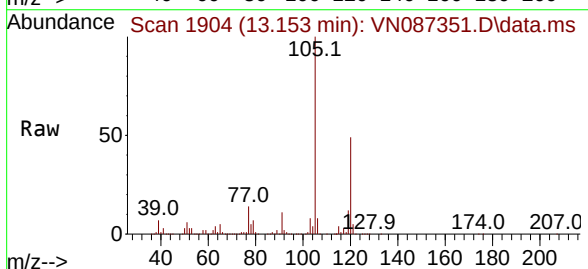
Manual Integrations
APPROVED

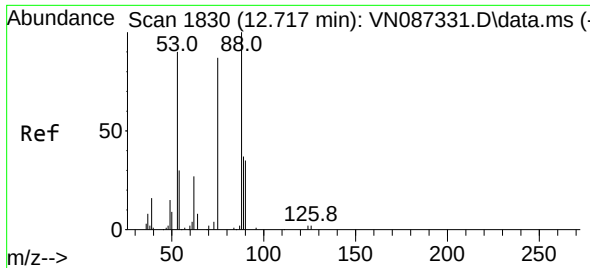
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.498 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

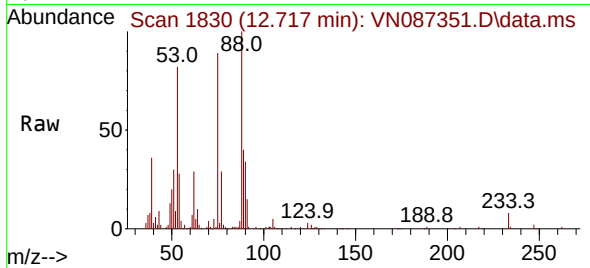
Tgt Ion:105 Resp: 666584
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.412 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

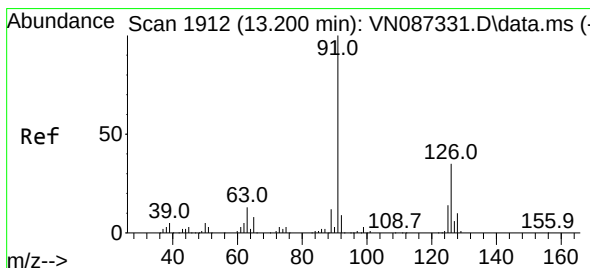
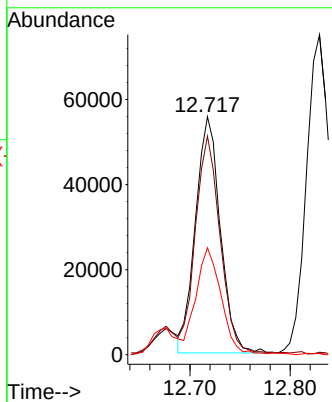
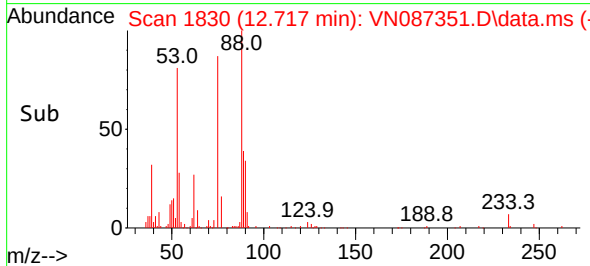
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 95998
Ion Ratio Lower Upper
75 100
53 90.4 83.5 125.3
89 44.6 38.4 57.6

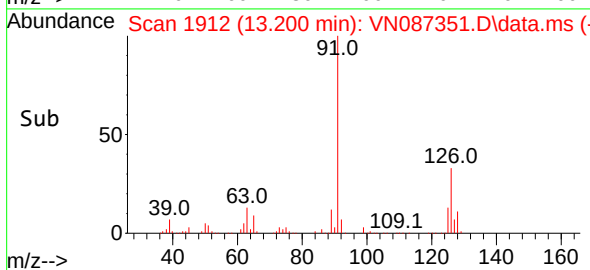
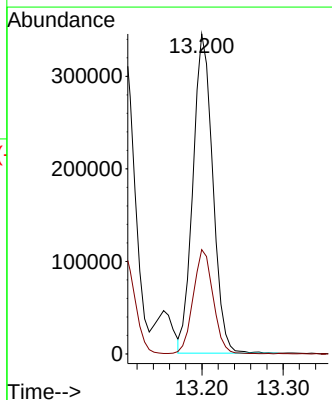
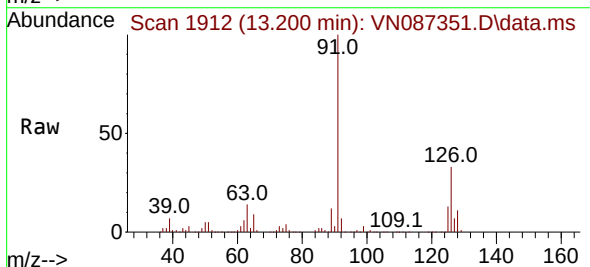
Manual Integrations
APPROVED

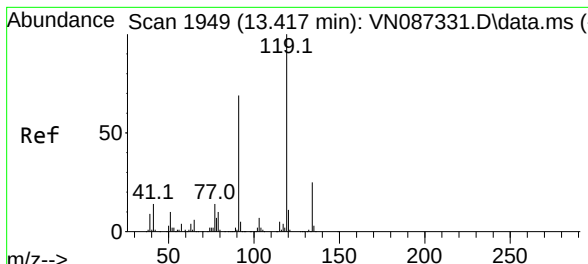
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#82
4-Chlorotoluene
Concen: 49.650 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

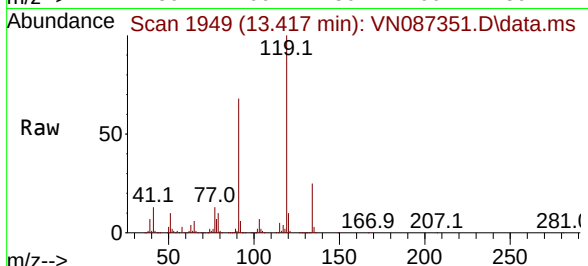
Tgt Ion: 91 Resp: 584529
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7





#83
 tert-Butylbenzene
 Concen: 54.556 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087351.D
 Acq: 17 Jul 2025 17:36

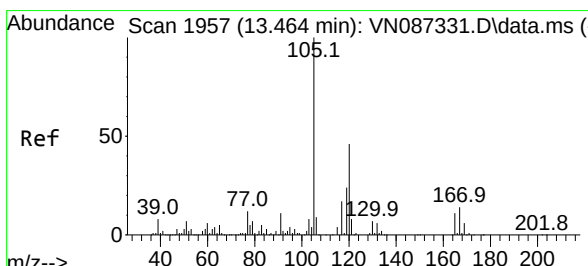
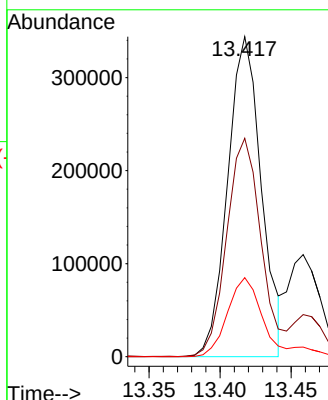
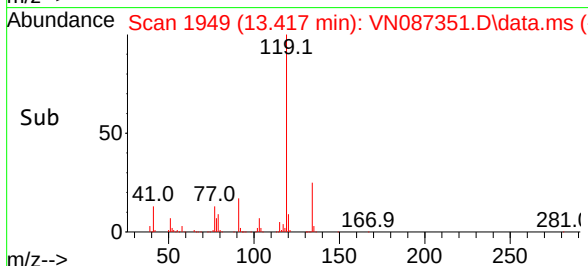
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



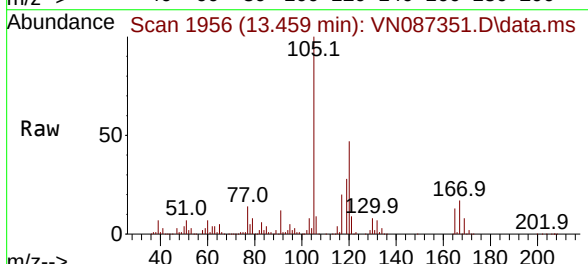
Tgt Ion:119 Resp: 56774
 Ion Ratio Lower Upper
 119 100
 91 70.2 35.0 105.1
 134 27.2 12.6 37.6

Manual Integrations
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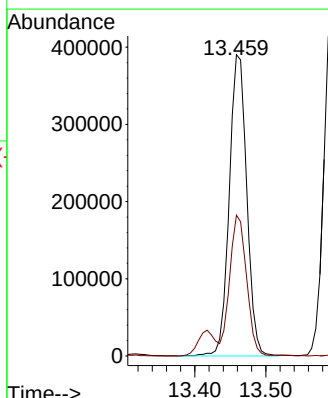
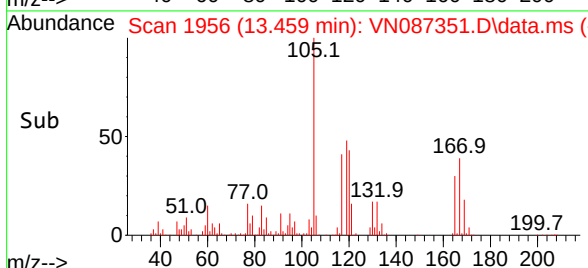
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

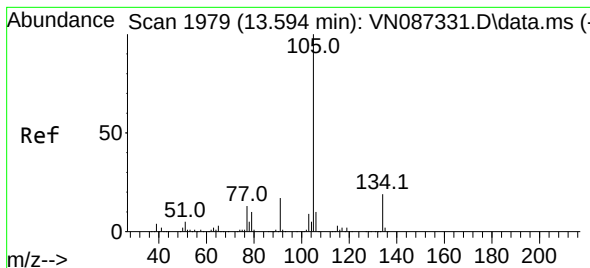


#84
 1,2,4-Trimethylbenzene
 Concen: 52.531 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN087351.D
 Acq: 17 Jul 2025 17:36



Tgt Ion:105 Resp: 668429
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 51.699 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 810392

Ion Ratio Lower Upper

105 100

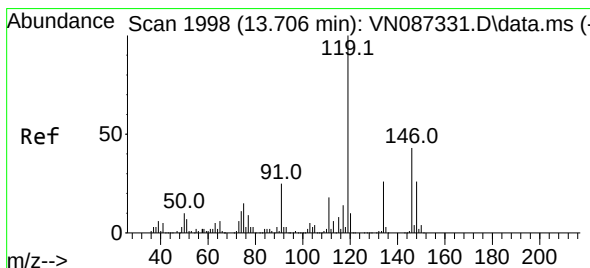
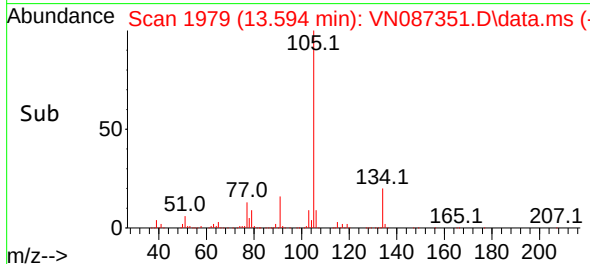
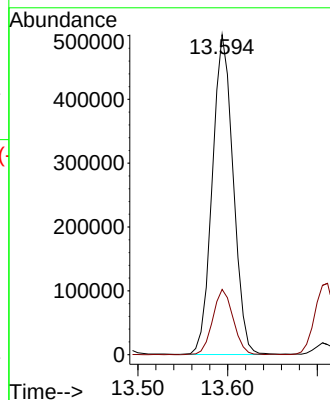
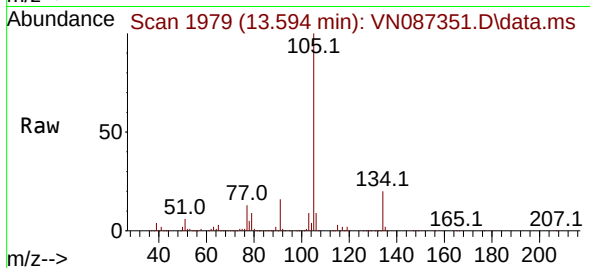
134 20.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#86

p-Isopropyltoluene

Concen: 54.984 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

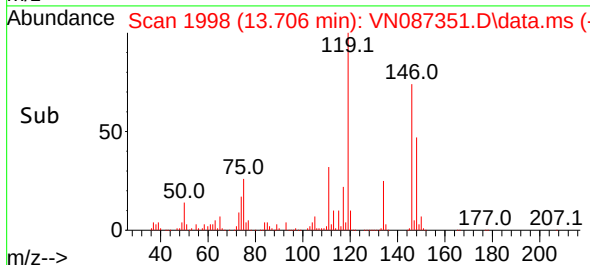
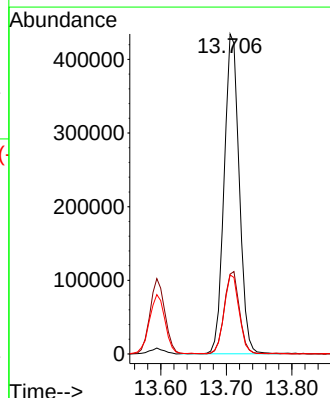
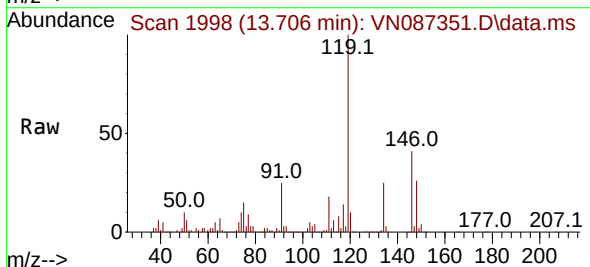
Tgt Ion:119 Resp: 690717

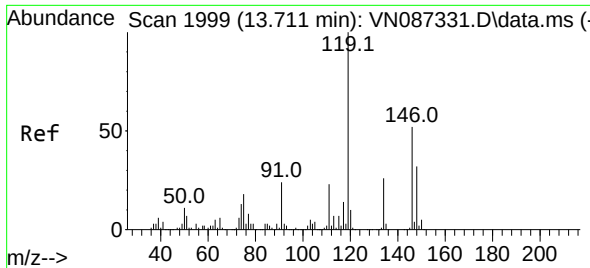
Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.5

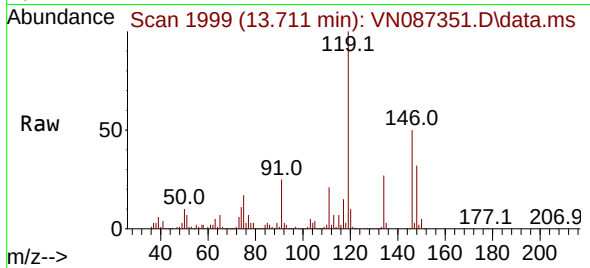
91 24.2 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 48.453 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

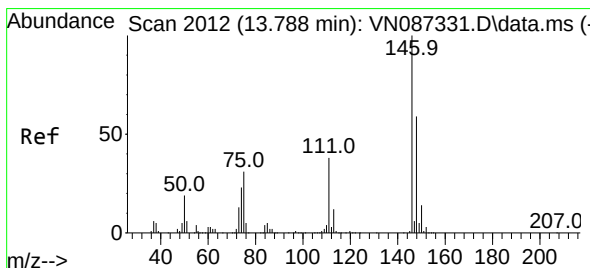
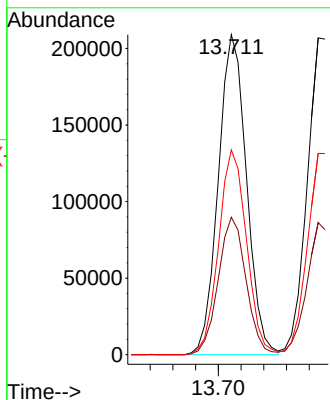
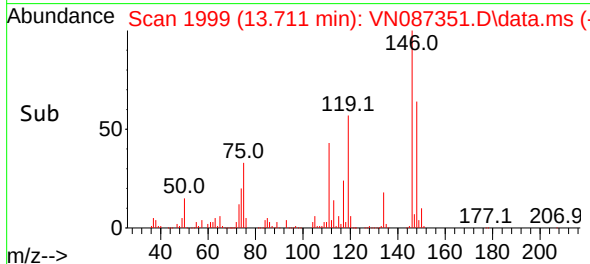
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



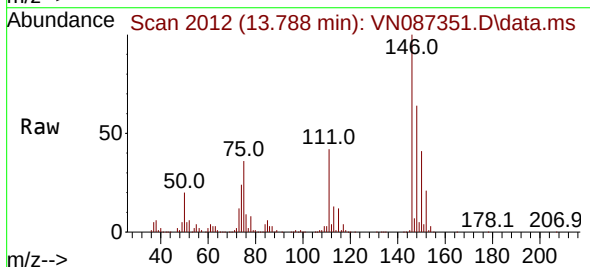
Tgt Ion:146 Resp: 360660
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.3 31.6 95.0

Manual Integrations
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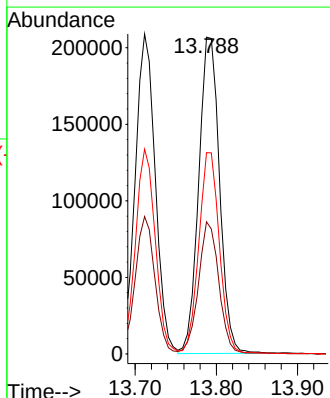
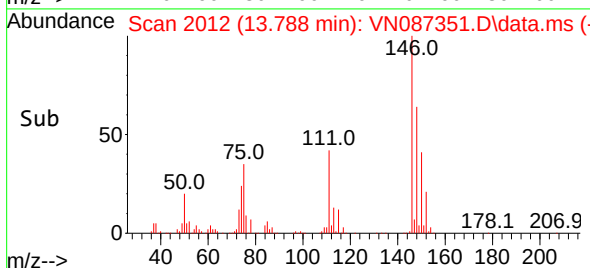
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

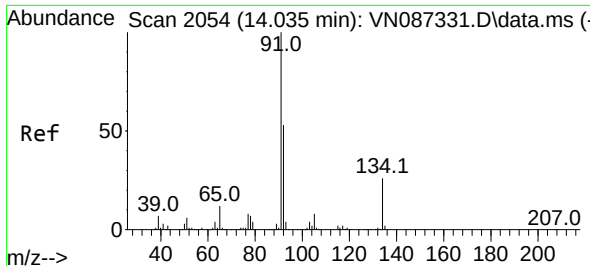


#88
1,4-Dichlorobenzene
Concen: 46.289 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36



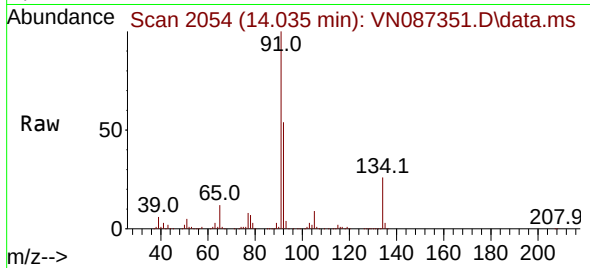
Tgt Ion:146 Resp: 367994
Ion Ratio Lower Upper
146 100
111 40.4 19.6 58.7
148 63.2 31.4 94.0





#89
n-Butylbenzene
Concen: 51.858 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

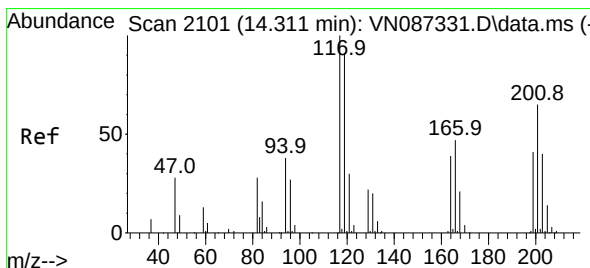
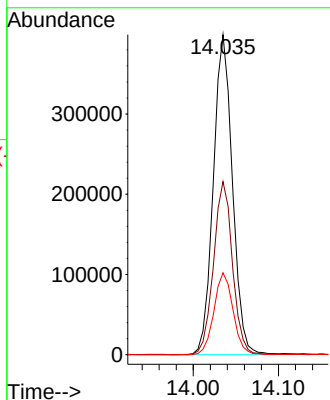
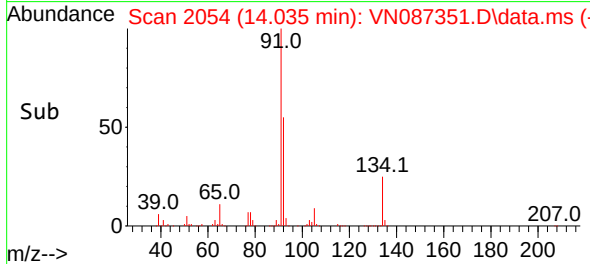
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 62205
Ion Ratio Lower Upper
91 100
92 53.7 26.2 78.6
134 25.6 12.4 37.2

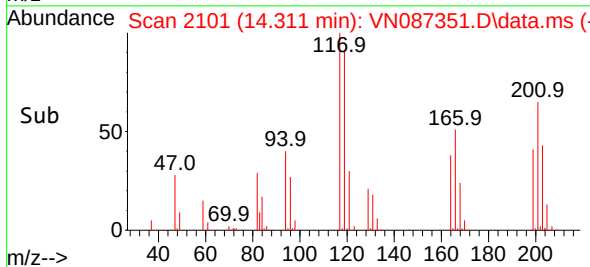
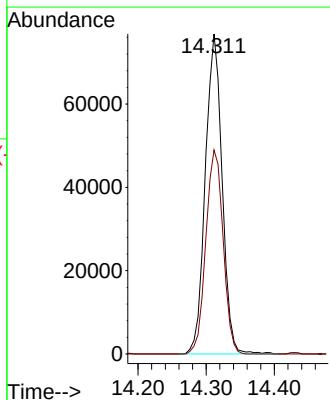
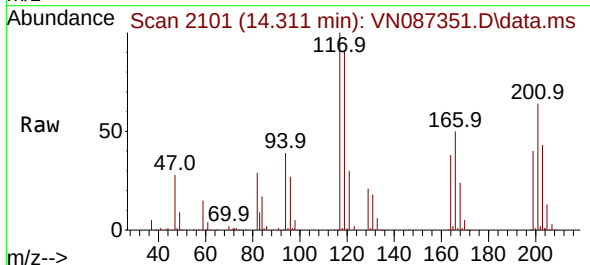
Manual Integrations
APPROVED

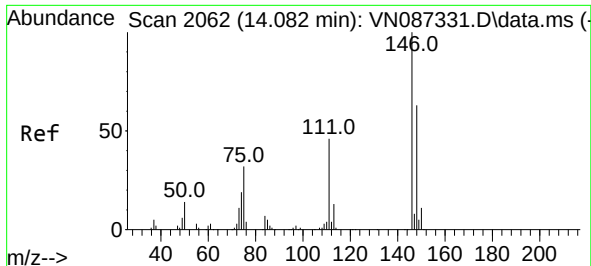
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#90
Hexachloroethane
Concen: 49.528 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

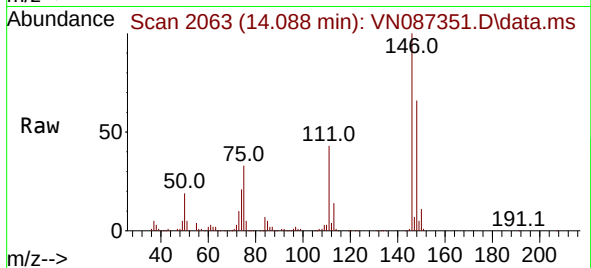
Tgt Ion:117 Resp: 131824
Ion Ratio Lower Upper
117 100
201 65.4 32.8 98.4





#91
1,2-Dichlorobenzene
Concen: 49.945 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

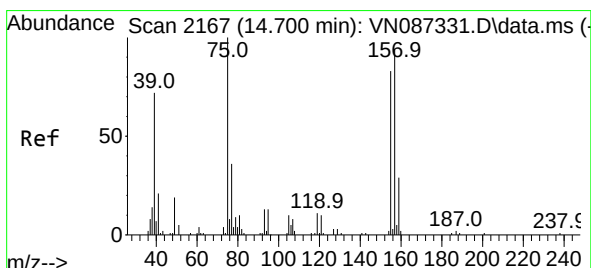
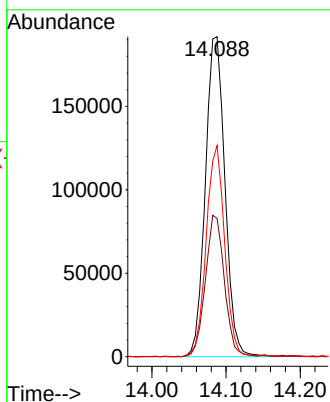
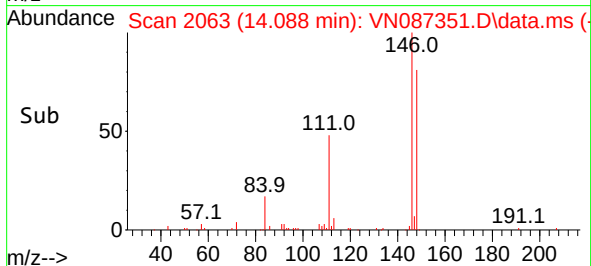
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 352190
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 62.5 32.7 98.1

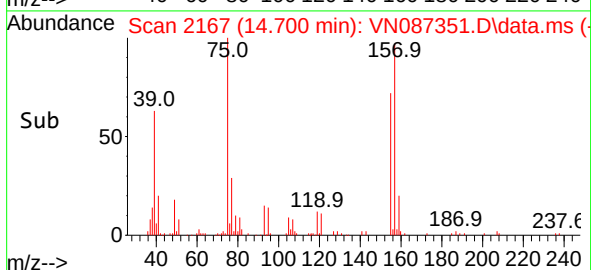
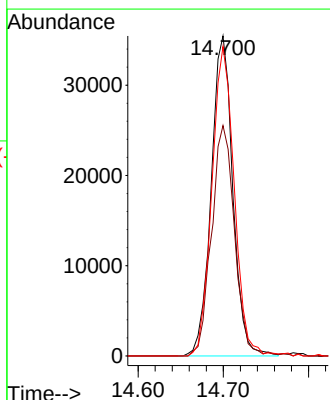
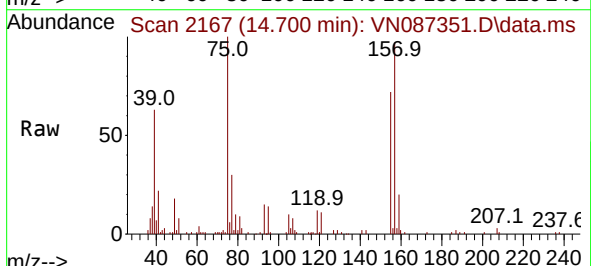
Manual Integrations
APPROVED

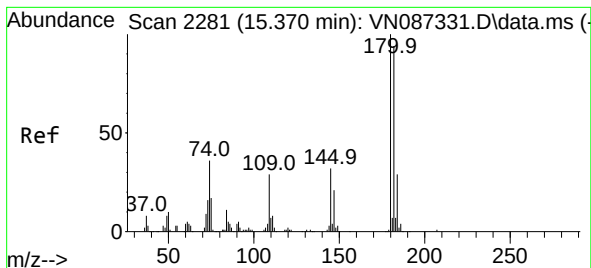
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.204 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

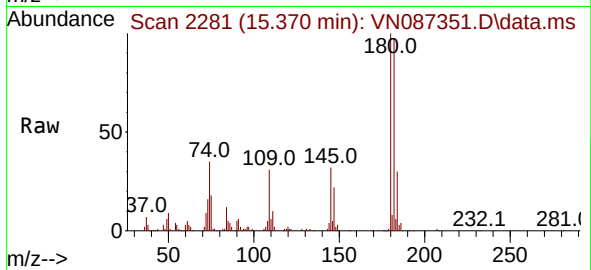
Tgt Ion: 75 Resp: 62418
Ion Ratio Lower Upper
75 100
155 76.8 37.3 111.8
157 100.4 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 51.225 ug/l
RT: 15.370 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

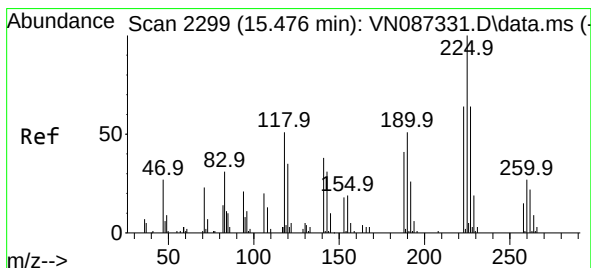
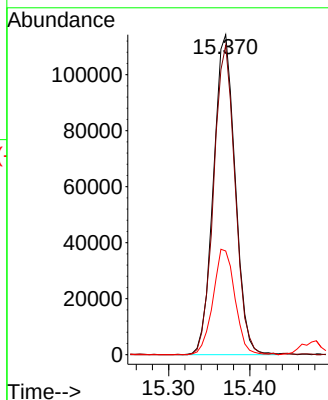
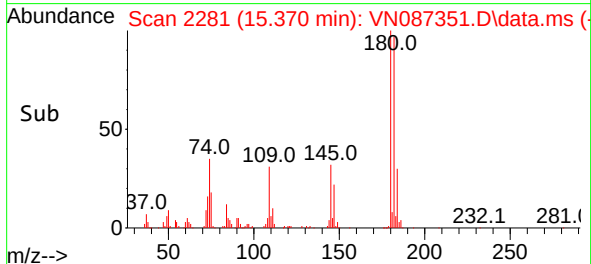
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 212184
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 33.3 15.4 46.4

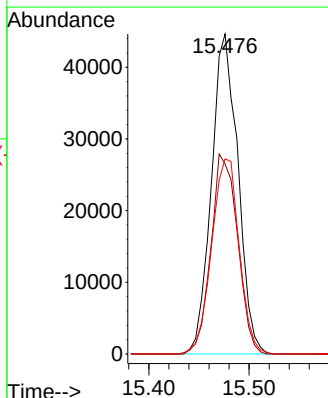
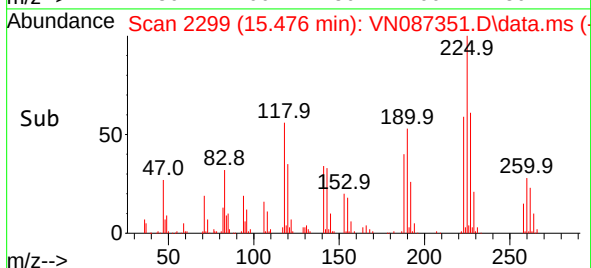
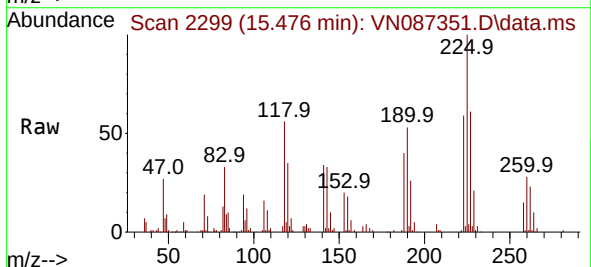
Manual Integrations
APPROVED

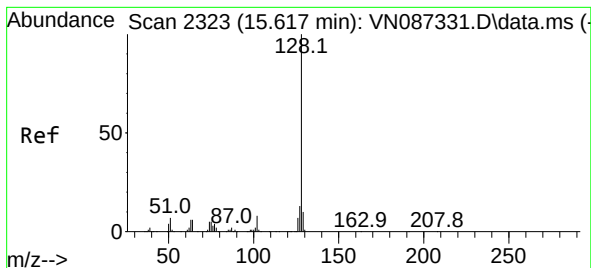
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#94
Hexachlorobutadiene
Concen: 53.205 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087351.D
Acq: 17 Jul 2025 17:36

Tgt Ion:225 Resp: 81890
Ion Ratio Lower Upper
225 100
223 62.8 32.1 96.3
227 63.4 31.3 93.9





#95

Naphthalene

Concen: 54.970 ug/l

RT: 15.617 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

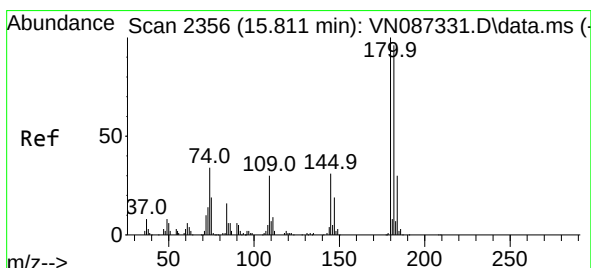
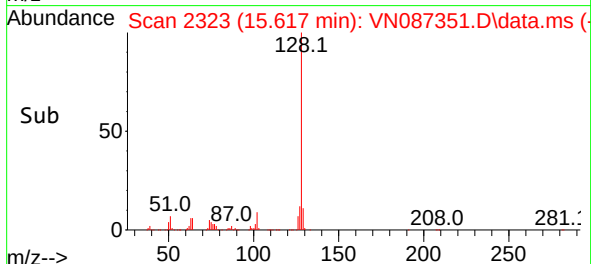
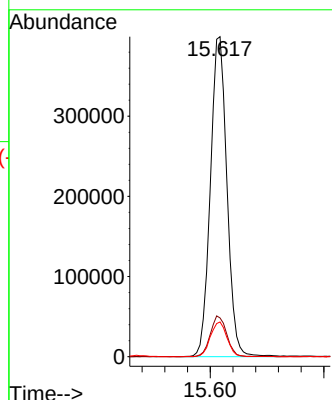
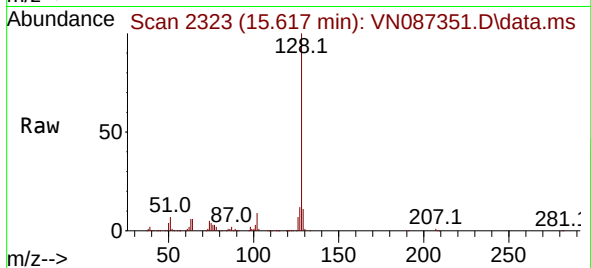
Tgt Ion:128 Resp: 806640

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.9	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.173 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087351.D

Acq: 17 Jul 2025 17:36

Tgt Ion:180 Resp: 212627

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.1	141.4
145	35.1	16.9	50.6

