

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087585.D
 Acq On : 15 Aug 2025 16:24
 Operator : JC\MD
 Sample : VN0815MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 05:46:33 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.212	168	276147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	525636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	474636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	233432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	243256	51.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.840%			
35) Dibromofluoromethane	8.153	113	170203	46.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.880%			
50) Toluene-d8	10.547	98	625727	48.379	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.760%			
62) 4-Bromofluorobenzene	12.829	95	241276	50.493	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67677	23.074	ug/l	93
3) Chloromethane	2.383	50	66191	17.946	ug/l	96
4) Vinyl Chloride	2.542	62	75171	20.508	ug/l	92
5) Bromomethane	2.977	94	38014	20.027	ug/l	100
6) Chloroethane	3.142	64	51433	21.516	ug/l	93
7) Trichlorofluoromethane	3.506	101	119483	22.045	ug/l	98
8) Diethyl Ether	3.959	74	50449	23.995	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	67694	24.330	ug/l	96
10) Methyl Iodide	4.583	142	41178	18.397	ug/l	93
11) Tert butyl alcohol	5.535	59	102454	115.156	ug/l	98
12) 1,1-Dichloroethene	4.336	96	68370	21.685	ug/l	89
13) Acrolein	4.177	56	60467	84.687	ug/l	98
14) Allyl chloride	5.012	41	111534	19.547	ug/l	94
15) Acrylonitrile	5.706	53	248777	103.043	ug/l	100
16) Acetone	4.424	43	237323	108.024	ug/l	96
17) Carbon Disulfide	4.700	76	164882	17.639	ug/l #	94
18) Methyl Acetate	5.024	43	137715	24.950	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	270784	23.301	ug/l	92
20) Methylene Chloride	5.271	84	74071	19.554	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	67917	19.104	ug/l	96
22) Diisopropyl ether	6.665	45	271232	22.661	ug/l	97
23) Vinyl Acetate	6.594	43	1098488m	104.938	ug/l	
24) 1,1-Dichloroethane	6.559	63	141502	20.492	ug/l	98
25) 2-Butanone	7.471	43	356582	105.047	ug/l	99
26) 2,2-Dichloropropane	7.471	77	109859	20.463	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	87183	21.301	ug/l	97
28) Bromochloromethane	7.806	49	64645	19.561	ug/l	94
29) Tetrahydrofuran	7.829	42	236082	107.059	ug/l	99
30) Chloroform	7.953	83	152028	21.996	ug/l	99
31) Cyclohexane	8.235	56	123720	21.478	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	126499	21.132	ug/l	95
36) 1,1-Dichloropropene	8.359	75	98475	20.557	ug/l	99
37) Ethyl Acetate	7.553	43	137681	19.901	ug/l	96
38) Carbon Tetrachloride	8.341	117	102729	19.467	ug/l	98
39) Methylcyclohexane	9.582	83	115645	22.298	ug/l	98
40) Benzene	8.594	78	306498	19.796	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	74344	20.551	ug/l	97
42) 1,2-Dichloroethane	8.659	62	123804	21.086	ug/l	97
43) Isopropyl Acetate	8.676	43	226692	21.108	ug/l	98
44) Trichloroethene	9.335	130	69121	18.894	ug/l	85
45) 1,2-Dichloropropane	9.606	63	78012	19.830	ug/l	90
46) Dibromomethane	9.688	93	59234	20.111	ug/l	97
47) Bromodichloromethane	9.871	83	122308	20.615	ug/l	93
48) Methyl methacrylate	9.665	41	108034	22.345	ug/l	95
49) 1,4-Dioxane	9.688	88	32163	434.330	ug/l #	95
51) 4-Methyl-2-Pentanone	10.429	43	717019	105.558	ug/l	97
52) Toluene	10.612	92	190757	20.271	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	122628	20.423	ug/l	96
54) cis-1,3-Dichloropropene	10.300	75	129276	20.844	ug/l	91
55) 1,1,2-Trichloroethane	10.994	97	80375	21.096	ug/l	92
56) Ethyl methacrylate	10.859	69	128774	20.872	ug/l #	91
57) 1,3-Dichloropropane	11.147	76	135674	20.597	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.141	63	343789	110.001	ug/l	100
59) 2-Hexanone	11.182	43	466849	103.591	ug/l	99
60) Dibromochloromethane	11.341	129	81808	18.828	ug/l	98
61) 1,2-Dibromoethane	11.447	107	80444	20.081	ug/l	95
64) Tetrachloroethene	11.082	164	57675	18.880	ug/l	92
65) Chlorobenzene	11.870	112	208709	19.586	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.941	131	71217	19.655	ug/l	99
67) Ethyl Benzene	11.941	91	370979	21.148	ug/l	98
68) m/p-Xylenes	12.053	106	272396	41.467	ug/l	92
69) o-Xylene	12.376	106	135061	21.524	ug/l	94
70) Styrene	12.394	104	224003	21.221	ug/l	96
71) Bromoform	12.559	173	53249	18.191	ug/l #	97
73) Isopropylbenzene	12.676	105	350424	23.852	ug/l	99
74) N-amyl acetate	12.523	43	133882m	21.933	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	123789	22.392	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	119257m	22.783	ug/l	
77) Bromobenzene	12.959	156	82375	21.619	ug/l	97
78) n-propylbenzene	13.017	91	435772	23.575	ug/l	98
79) 2-Chlorotoluene	13.106	91	255858	22.522	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	296745	23.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	31932	16.691	ug/l	96
82) 4-Chlorotoluene	13.200	91	263657	22.292	ug/l	99
83) tert-Butylbenzene	13.417	119	255181	24.408	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	301493	23.585	ug/l	97
85) sec-Butylbenzene	13.594	105	383393	24.346	ug/l	99
86) p-Isopropyltoluene	13.706	119	313687	24.856	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	157142	21.014	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	160420	20.086	ug/l	97
89) n-Butylbenzene	14.035	91	296957	24.642	ug/l	97
90) Hexachloroethane	14.311	117	54492	20.379	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	151398	21.371	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	30146	20.770	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	91840	22.070	ug/l	97
94) Hexachlorobutadiene	15.470	225	34843	22.534	ug/l	99
95) Naphthalene	15.611	128	342540	23.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	87514	20.965	ug/l	97

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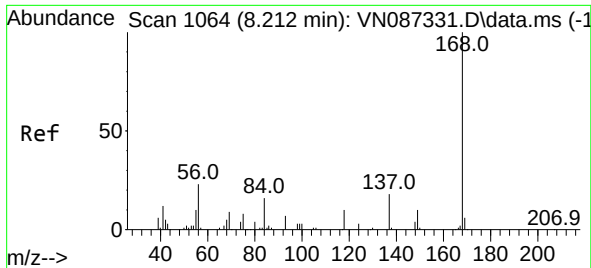
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Response via : Initial Calibration

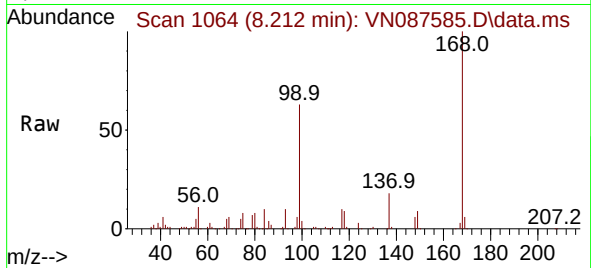
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
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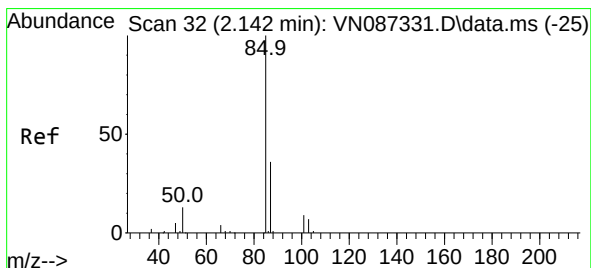
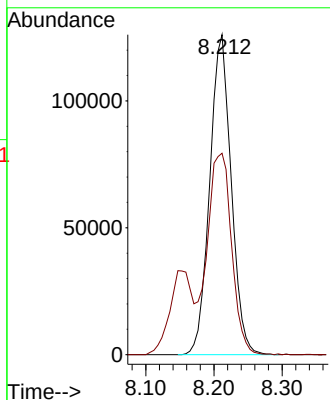
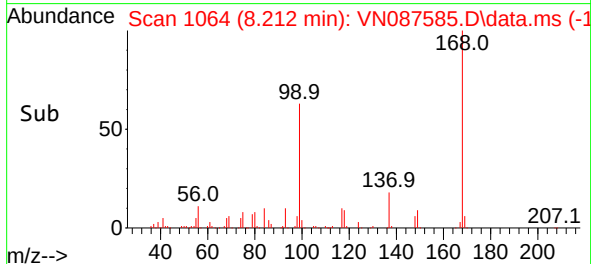
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion:168 Resp: 27614
Ion Ratio Lower Upper
168 100
99 62.7 47.9 71.9

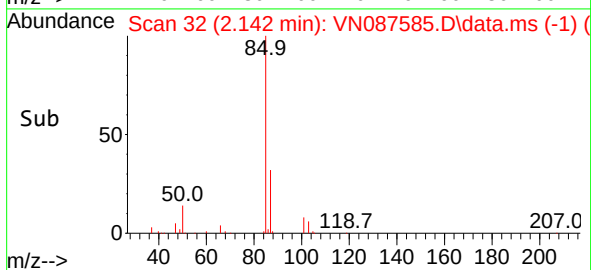
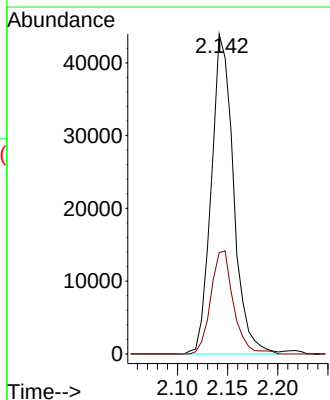
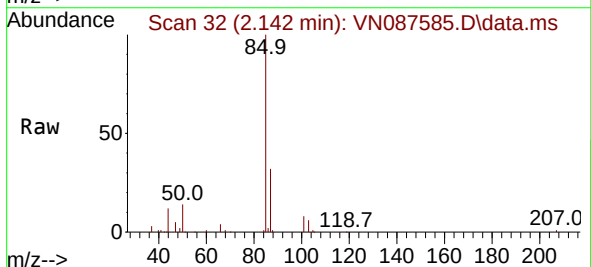
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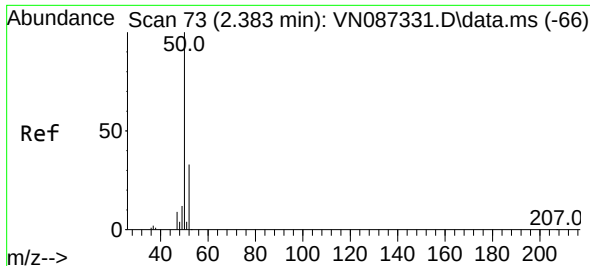
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#2
Dichlorodifluoromethane
Concen: 23.074 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

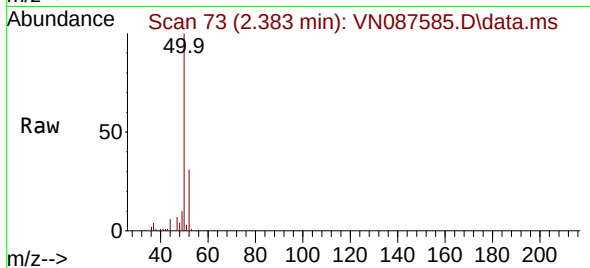
Tgt Ion: 85 Resp: 67677
Ion Ratio Lower Upper
85 100
87 31.6 17.8 53.3





#3
Chloromethane
Concen: 17.946 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

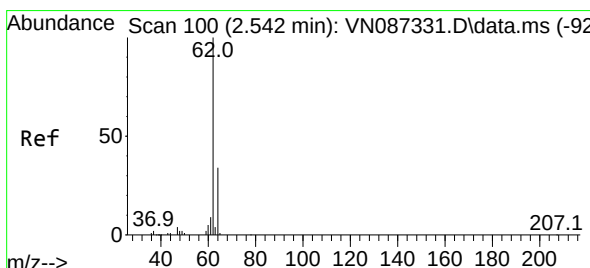
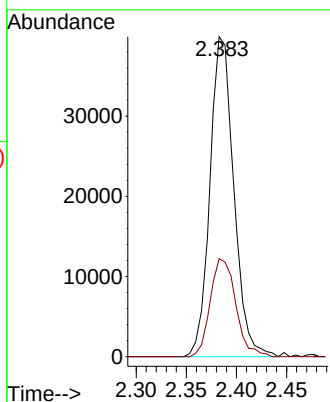
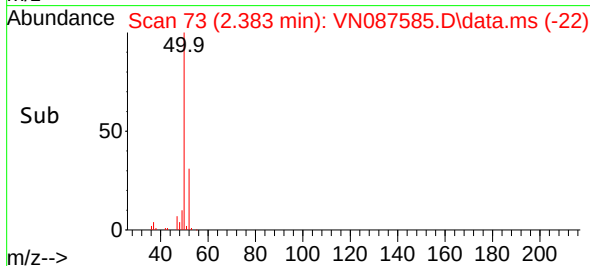
Instrument :
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Tgt Ion: 50 Resp: 6619
Ion Ratio Lower Upper
50 100
52 30.6 26.3 39.5

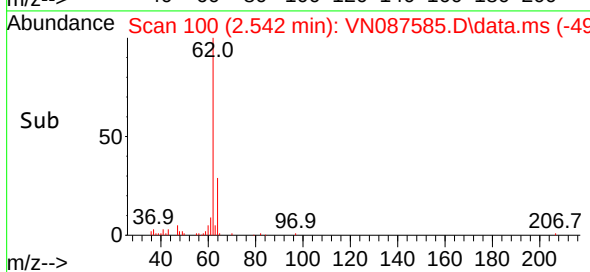
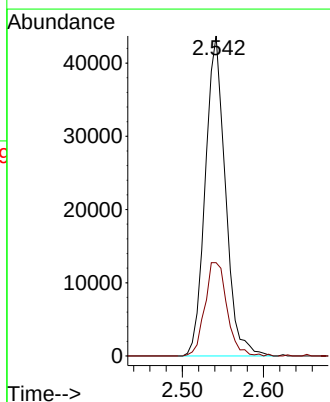
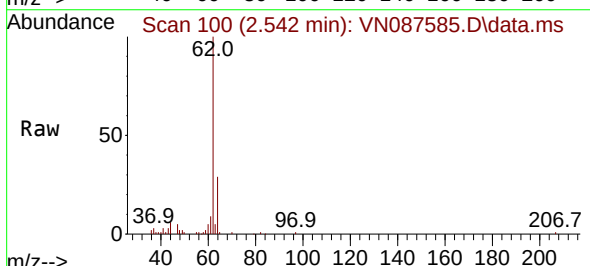
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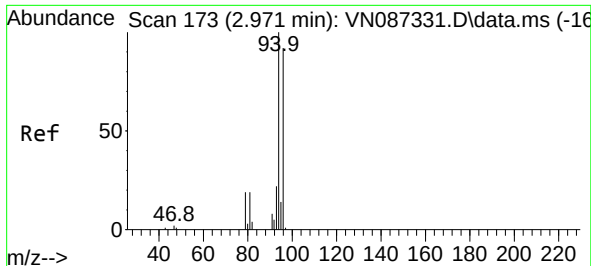
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#4
Vinyl Chloride
Concen: 20.508 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

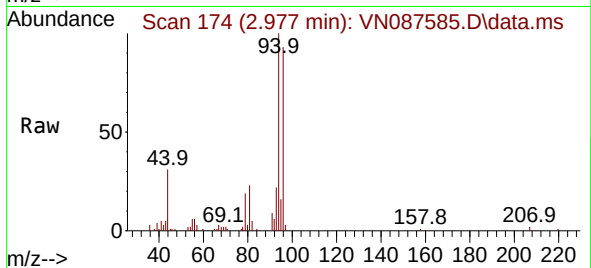
Tgt Ion: 62 Resp: 75171
Ion Ratio Lower Upper
62 100
64 29.1 27.0 40.6





#5
Bromomethane
Concen: 20.027 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

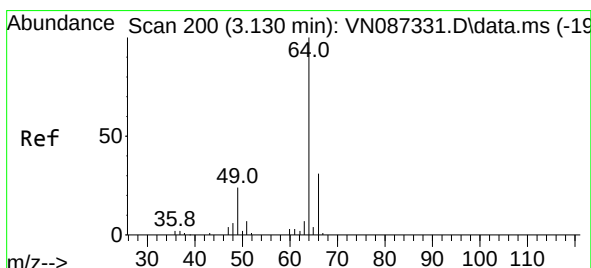
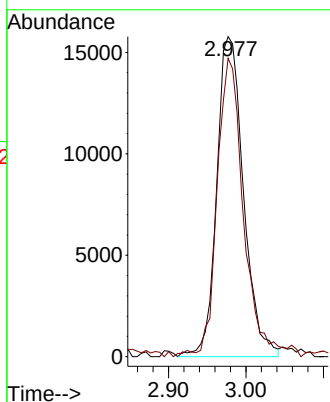
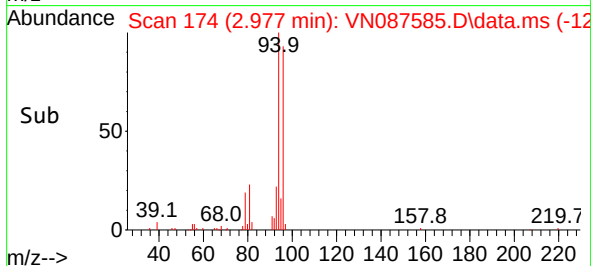
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Tgt Ion: 94 Resp: 38014
Ion Ratio Lower Upper
94 100
96 92.2 73.4 110.2

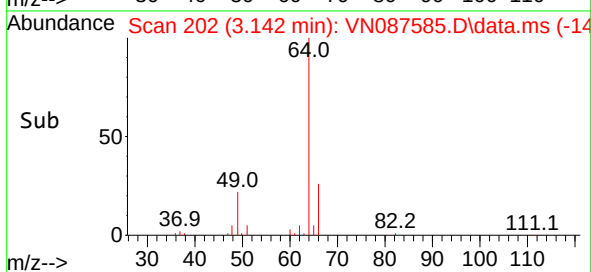
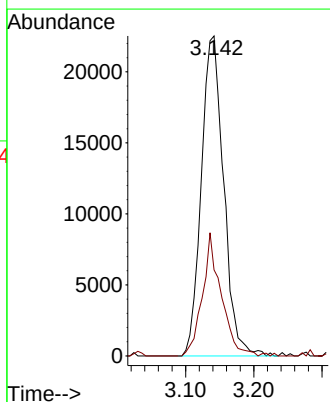
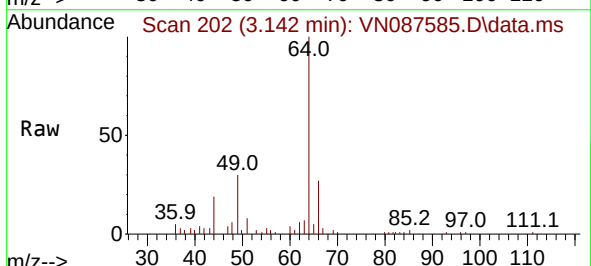
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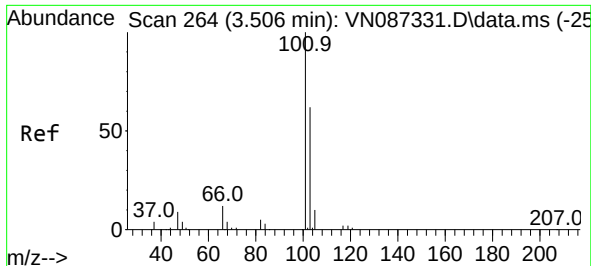
Reviewed By :John Carlone 08/18/2025
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#6
Chloroethane
Concen: 21.516 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.012 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

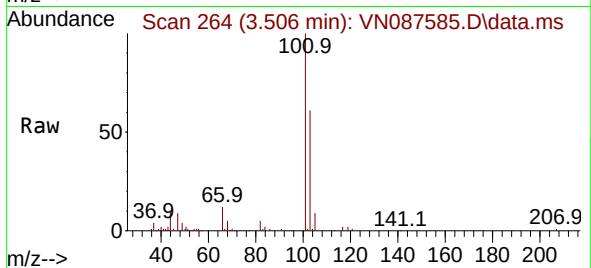
Tgt Ion: 64 Resp: 51433
Ion Ratio Lower Upper
64 100
66 26.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 22.045 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087585.D
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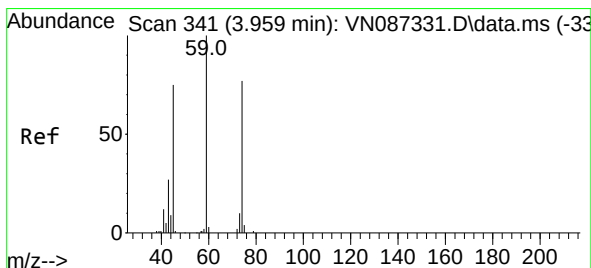
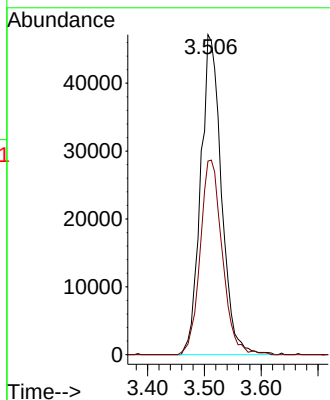
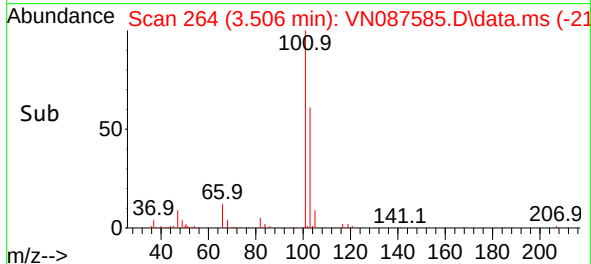
Instrument :
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 VN0815MBSD01



Tgt Ion:101 Resp: 11948
 Ion Ratio Lower Upper
 101 100
 103 60.5 49.8 74.6

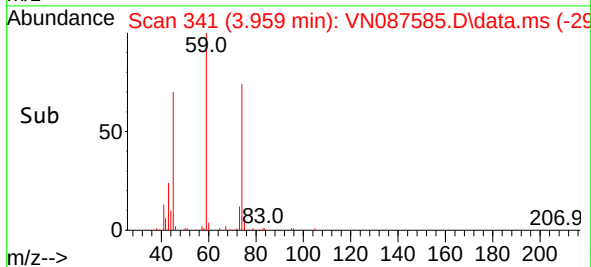
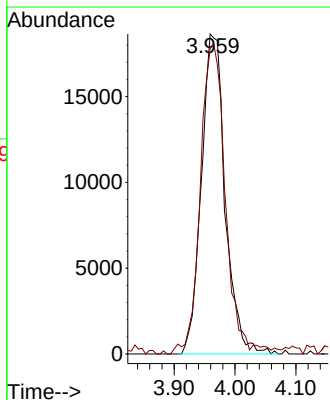
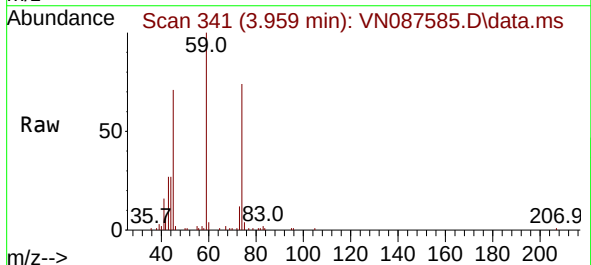
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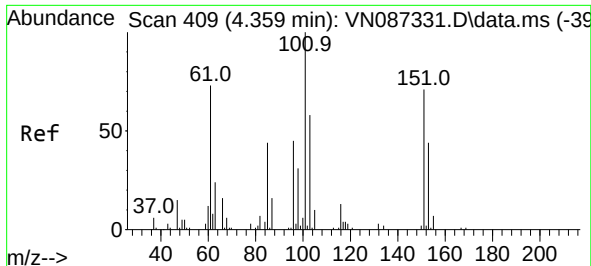
Reviewed By :John Carlone 08/18/2025
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#8
 Diethyl Ether
 Concen: 23.995 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 50449
 Ion Ratio Lower Upper
 74 100
 45 100.5 50.8 152.5





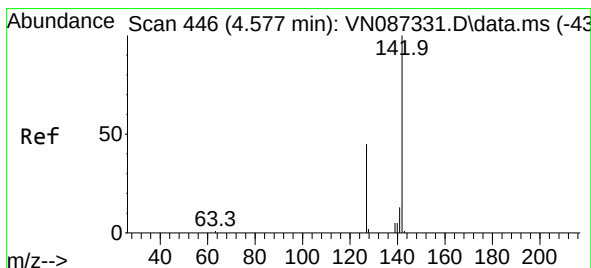
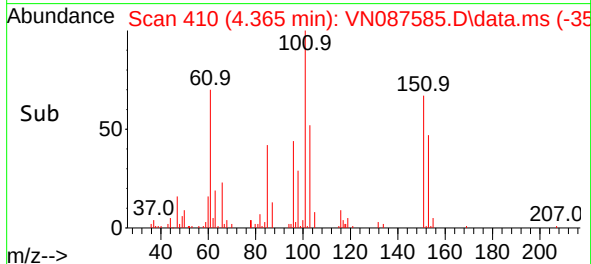
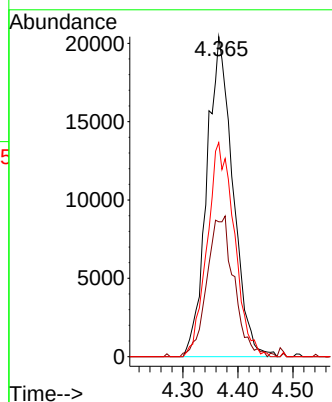
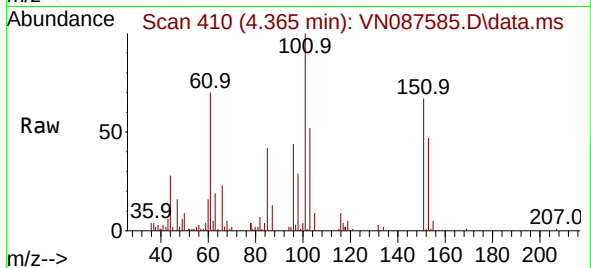
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.330 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01

Tgt Ion:101 Resp: 67694
Ion Ratio Lower Upper
101 100
85 45.3 37.3 55.9
151 69.5 58.9 88.3

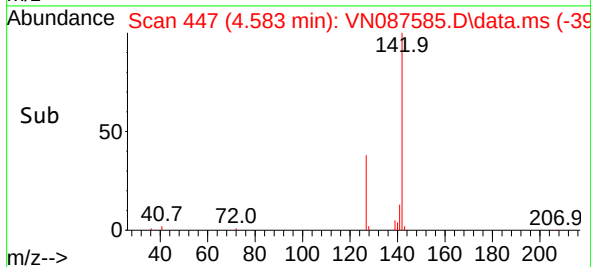
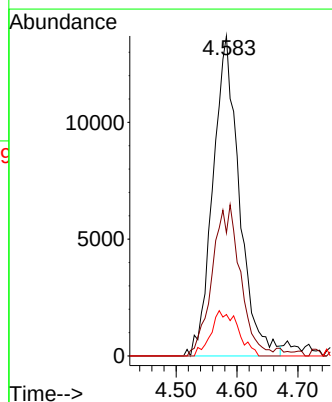
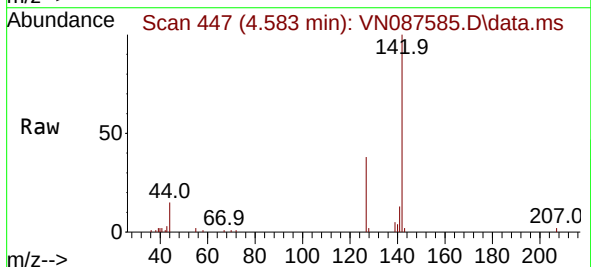
Manual Integrations
APPROVED

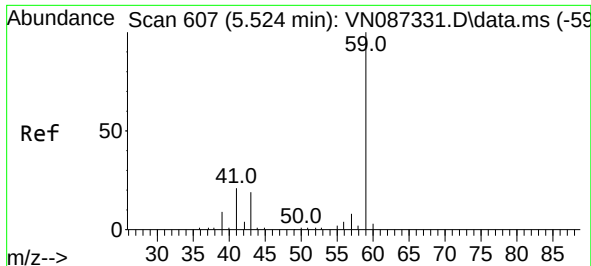
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 18.397 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

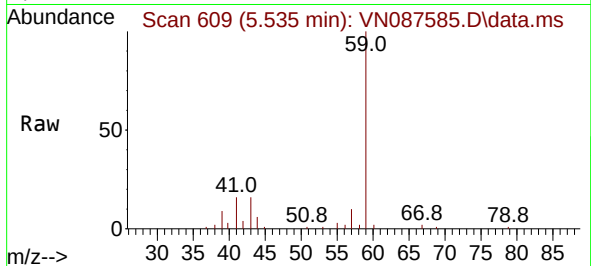
Tgt Ion:142 Resp: 41178
Ion Ratio Lower Upper
142 100
127 38.5 35.7 53.5
141 12.9 10.4 15.6





#11
Tert butyl alcohol
Concen: 115.156 ug/l
RT: 5.535 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

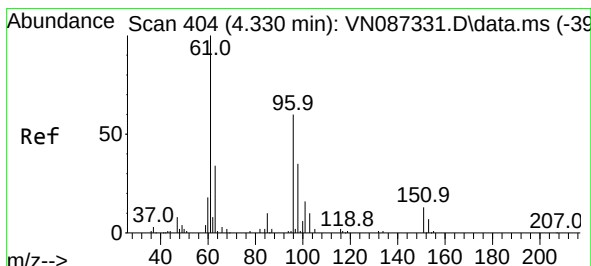
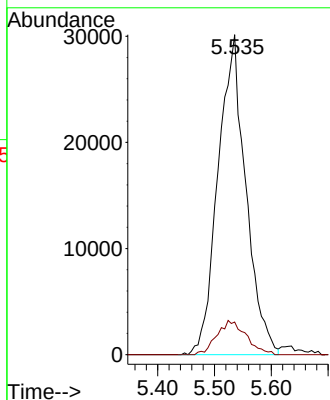
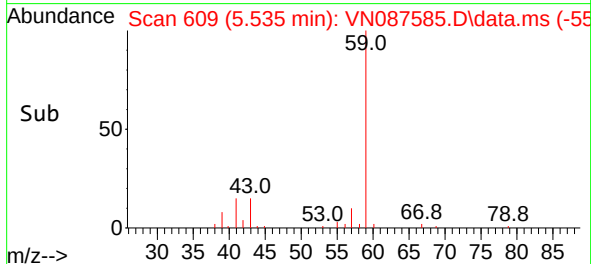
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



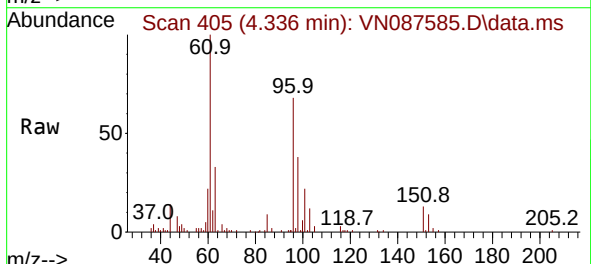
Tgt Ion: 59 Resp: 102454
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5

Manual Integrations
APPROVED

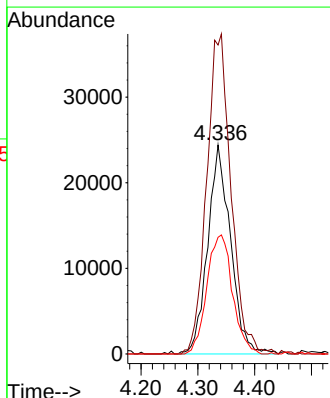
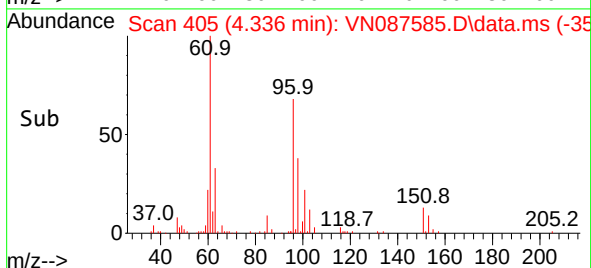
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

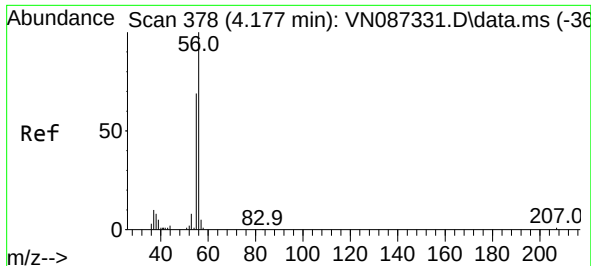


#12
1,1-Dichloroethene
Concen: 21.685 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24



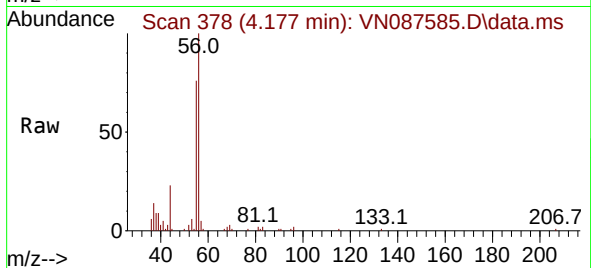
Tgt Ion: 96 Resp: 68370
Ion Ratio Lower Upper
96 100
61 147.9 132.3 198.5
98 55.8 46.8 70.2





#13
Acrolein
Concen: 84.687 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

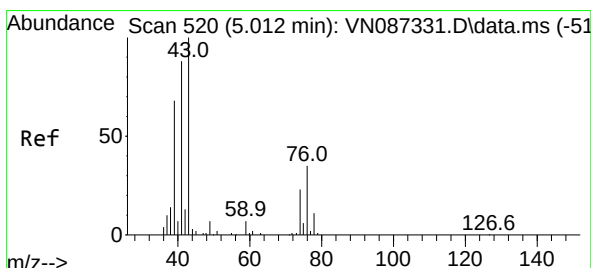
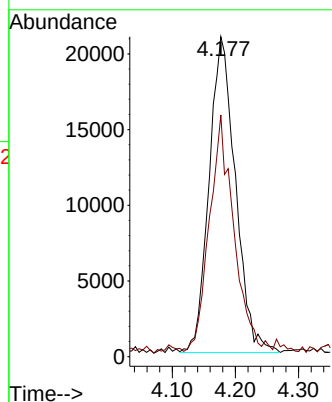
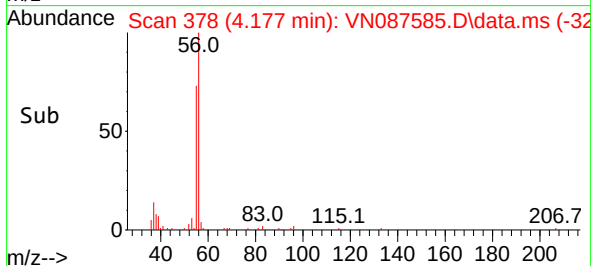
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion: 56 Resp: 6046
Ion Ratio Lower Upper
56 100
55 68.7 56.2 84.4

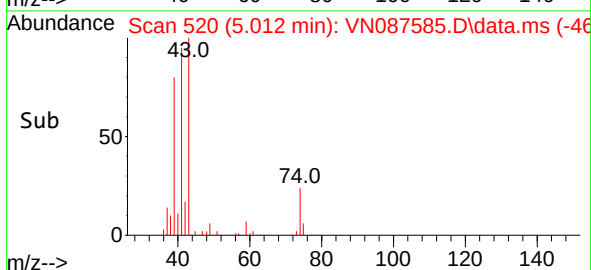
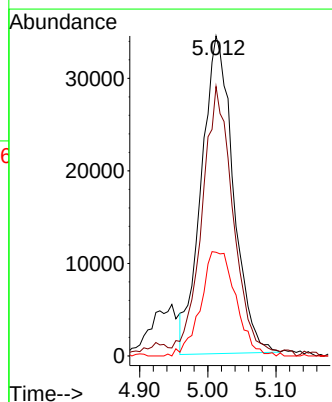
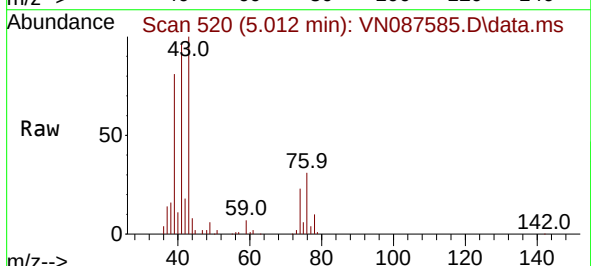
Manual Integrations
APPROVED

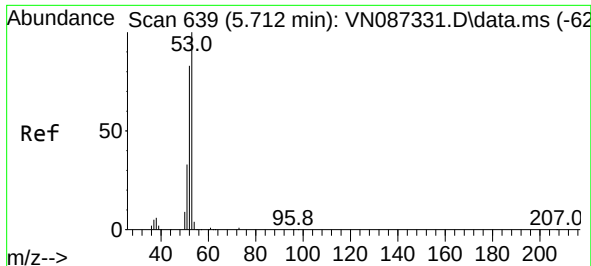
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 19.547 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

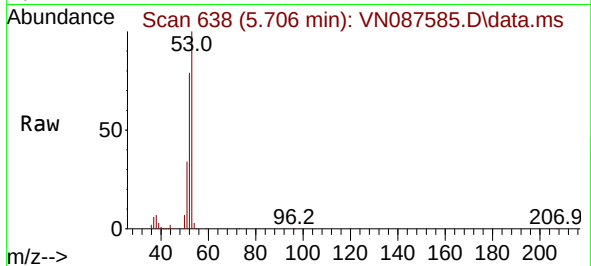
Tgt Ion: 41 Resp: 111534
Ion Ratio Lower Upper
41 100
39 80.9 59.0 88.6
76 36.3 28.7 43.1





#15
Acrylonitrile
Concen: 103.043 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

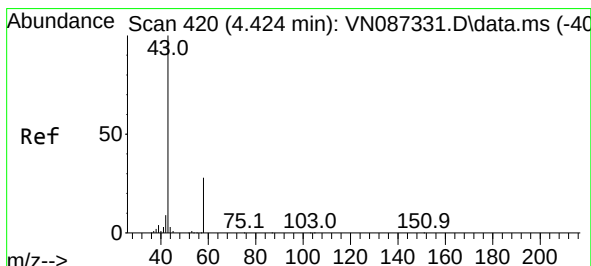
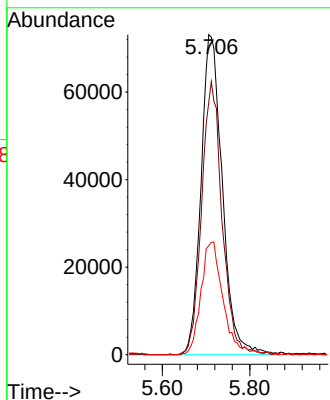
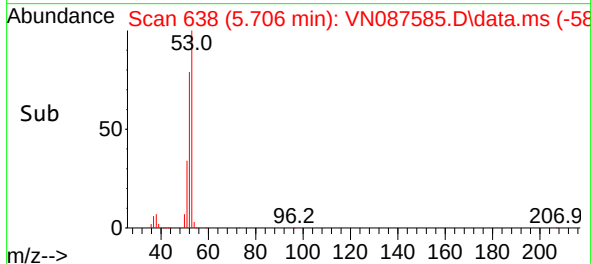
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion: 53 Resp: 24877
Ion Ratio Lower Upper
53 100
52 81.7 65.5 98.3
51 36.4 28.7 43.1

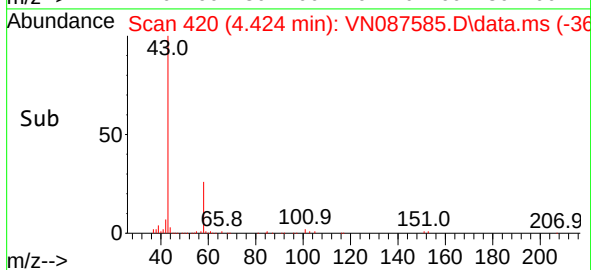
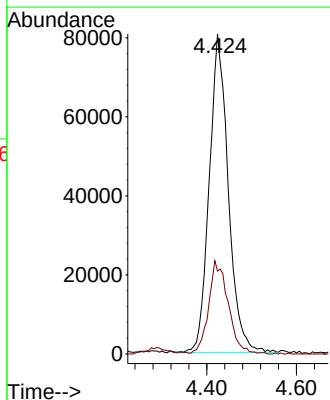
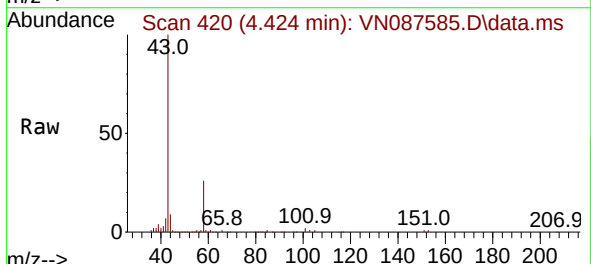
Manual Integrations
APPROVED

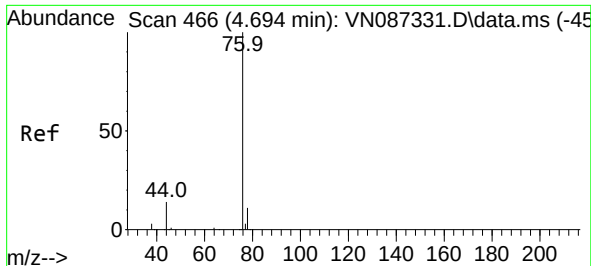
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 108.024 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

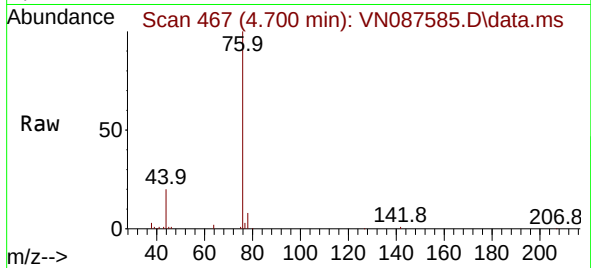
Tgt Ion: 43 Resp: 237323
Ion Ratio Lower Upper
43 100
58 26.0 22.3 33.5





#17
Carbon Disulfide
Concen: 17.639 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

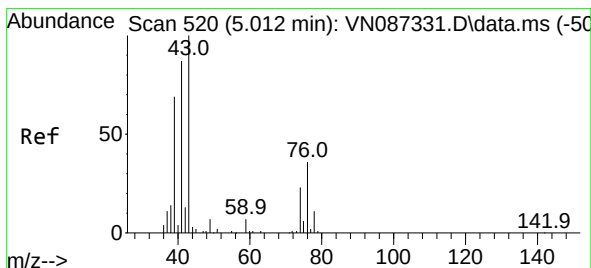
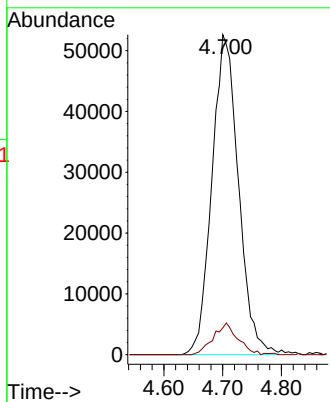
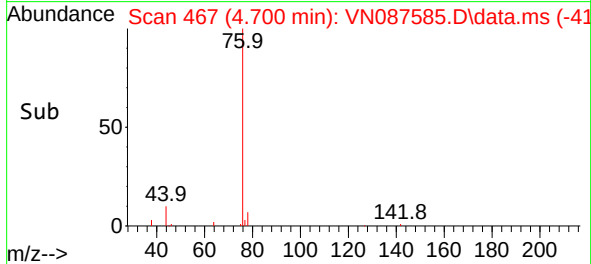
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion: 76 Resp: 16488
Ion Ratio Lower Upper
76 100
78 8.4 8.6 13.0

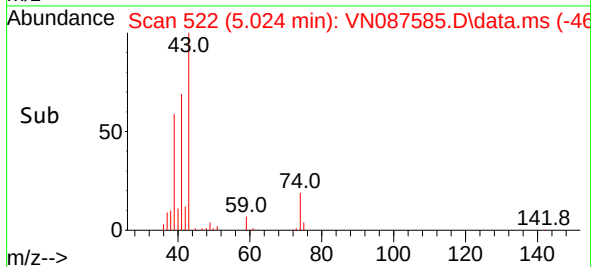
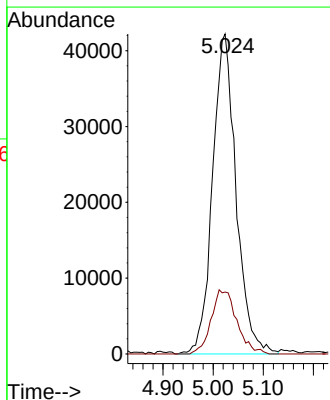
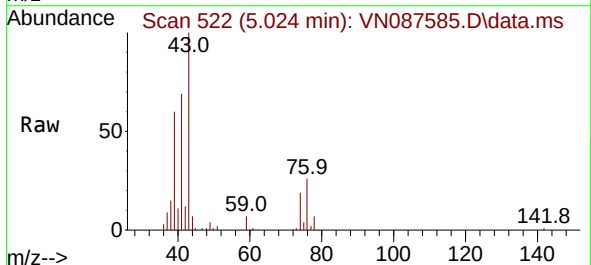
Manual Integrations
APPROVED

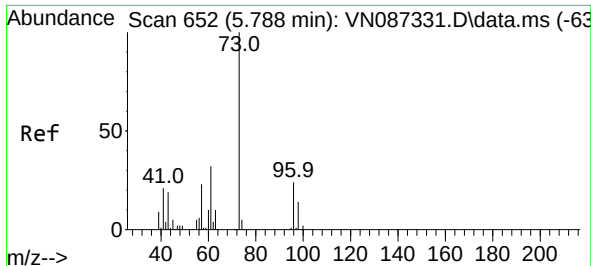
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 24.950 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

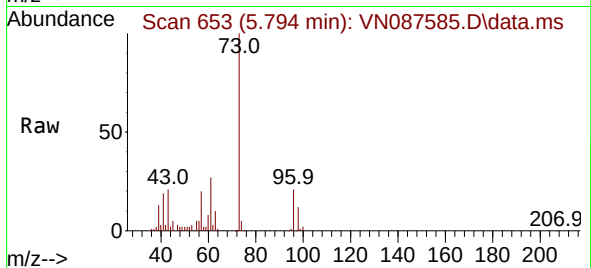
Tgt Ion: 43 Resp: 137715
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 23.301 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

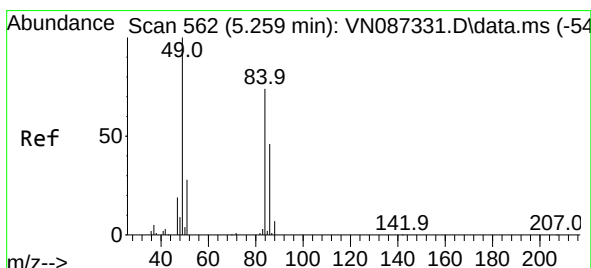
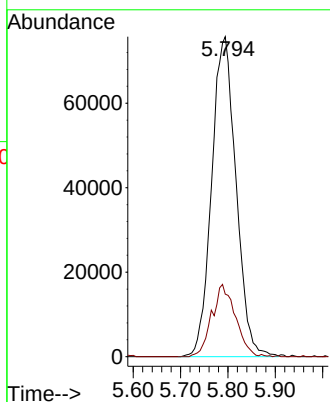
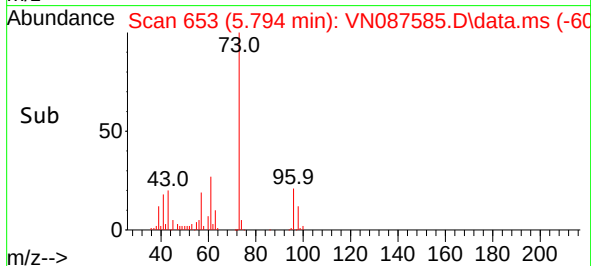
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion: 73 Resp: 270784
Ion Ratio Lower Upper
73 100
57 19.5 18.6 27.8

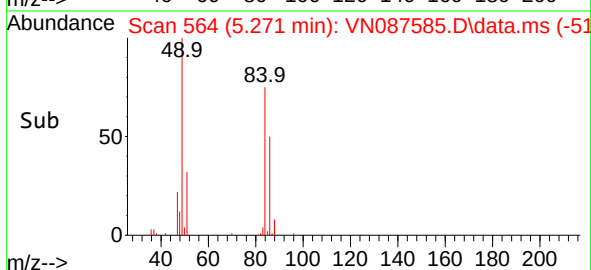
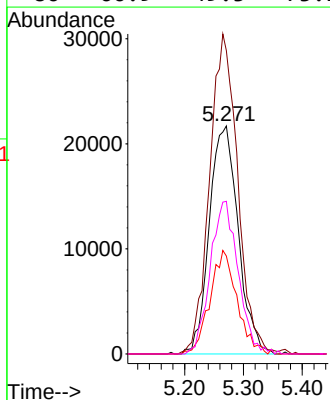
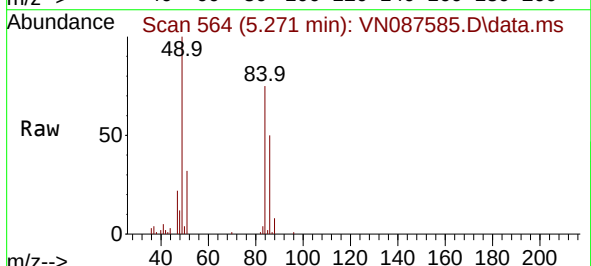
Manual Integrations
APPROVED

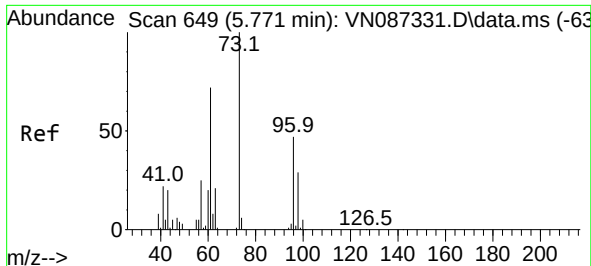
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 19.554 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Tgt Ion: 84 Resp: 74071
Ion Ratio Lower Upper
84 100
49 133.0 107.5 161.3
51 43.0 30.2 45.2
86 66.9 49.3 73.9





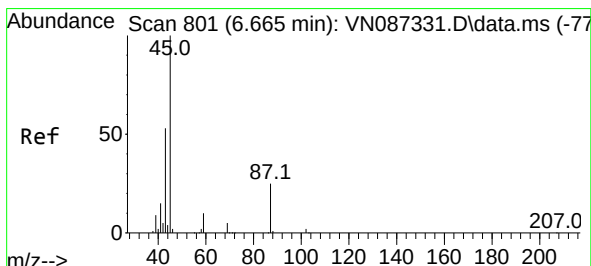
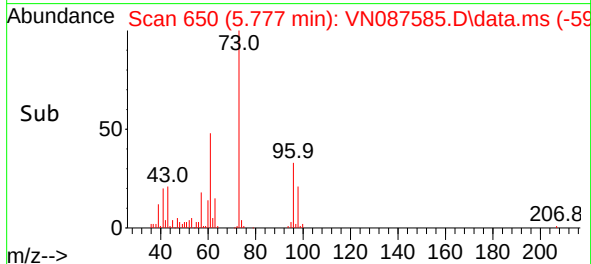
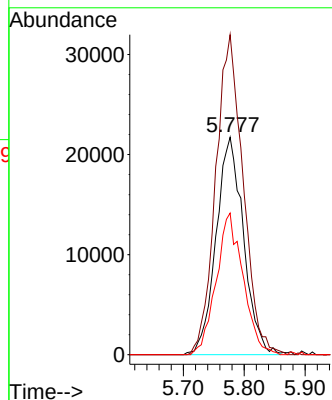
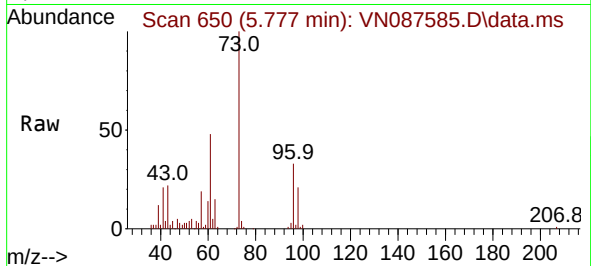
#21
trans-1,2-Dichloroethene
Concen: 19.104 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01

Tgt Ion: 96 Resp: 6791
Ion Ratio Lower Upper
96 100
61 147.2 122.0 183.0
98 65.1 50.0 75.0

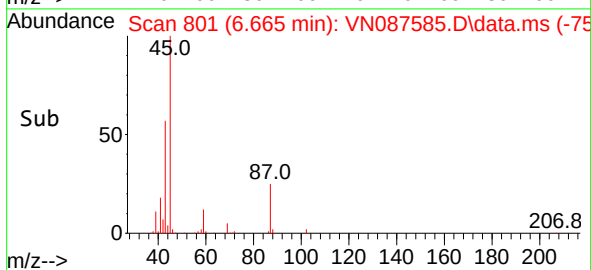
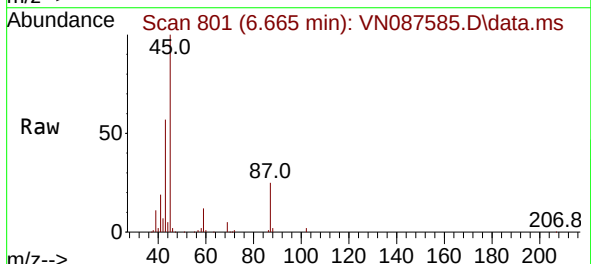
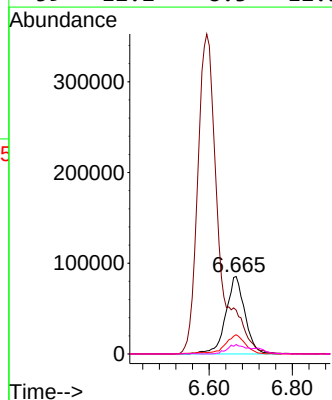
Manual Integrations
APPROVED

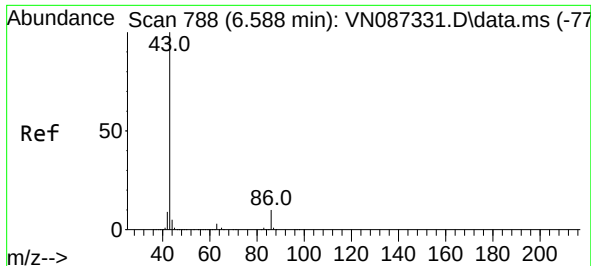
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 22.661 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

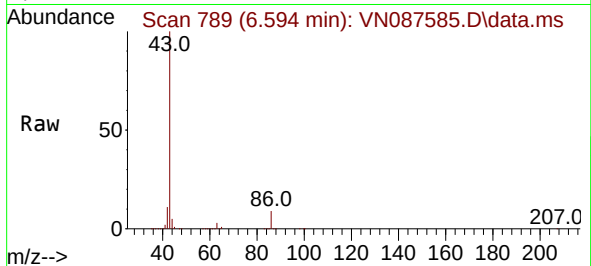
Tgt Ion: 45 Resp: 271232
Ion Ratio Lower Upper
45 100
43 55.9 42.8 64.2
87 24.9 19.8 29.6
59 12.2 8.3 12.5





#23
 Vinyl Acetate
 Concen: 104.938 ug/l m
 RT: 6.594 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087585.D
 Acq: 15 Aug 2025 16:24

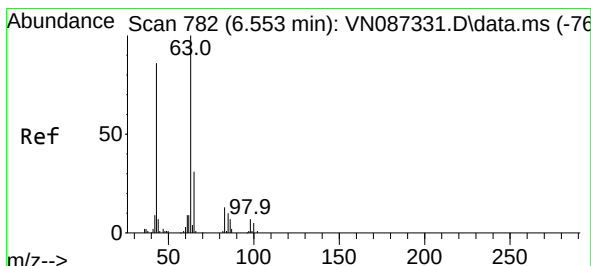
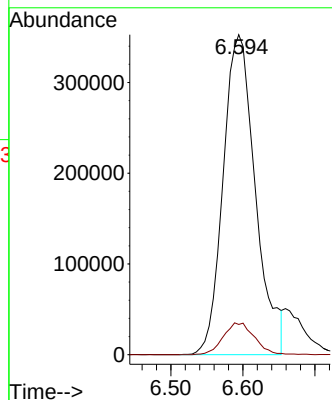
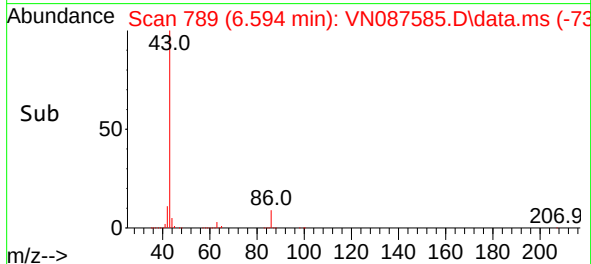
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBS01



Tgt Ion: 43 Resp: 109848
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.7 11.5

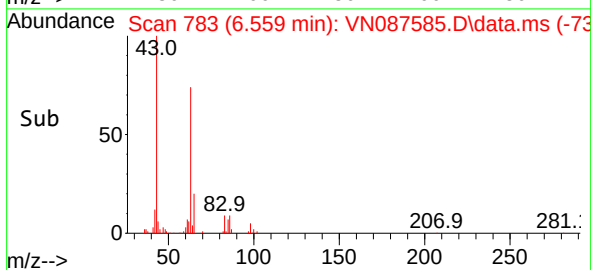
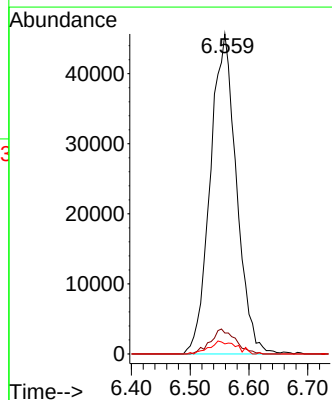
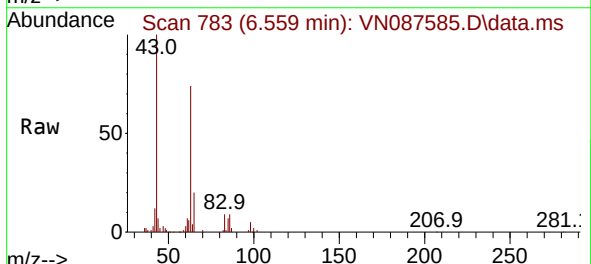
Manual Integrations
 APPROVED

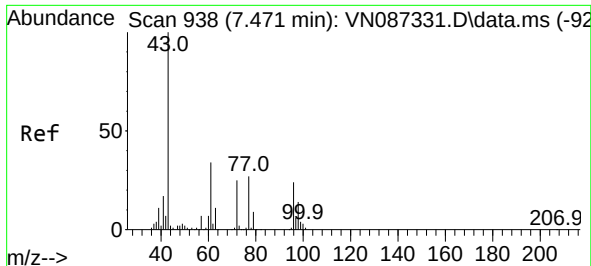
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#24
 1,1-Dichloroethane
 Concen: 20.492 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087585.D
 Acq: 15 Aug 2025 16:24

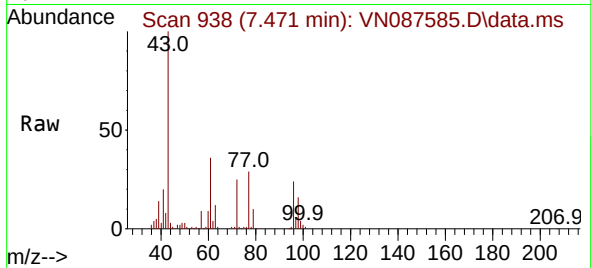
Tgt Ion: 63 Resp: 141502
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 3.1 2.5 7.4





#25
2-Butanone
Concen: 105.047 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

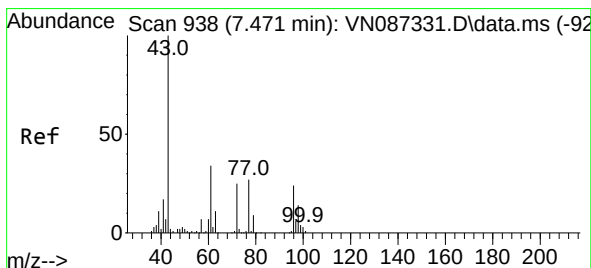
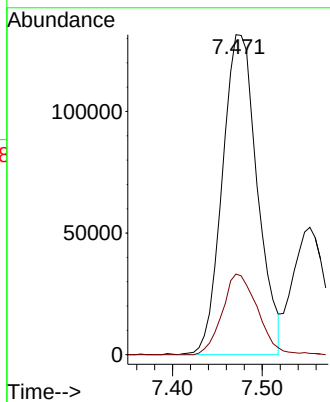
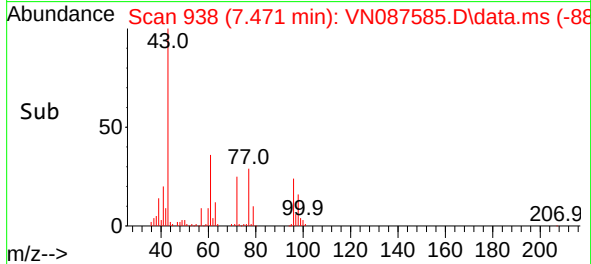
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion: 43 Resp: 35658
Ion Ratio Lower Upper
43 100
72 25.2 19.6 29.4

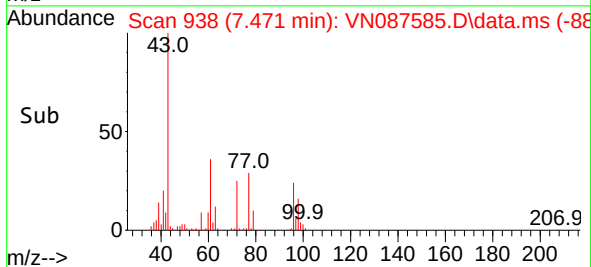
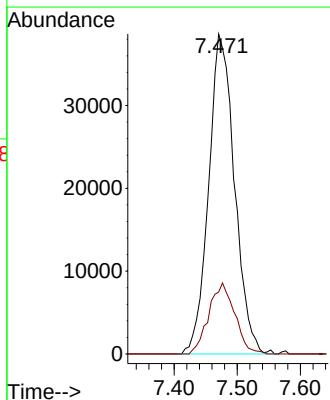
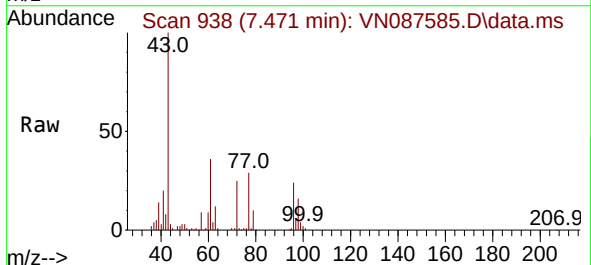
Manual Integrations
APPROVED

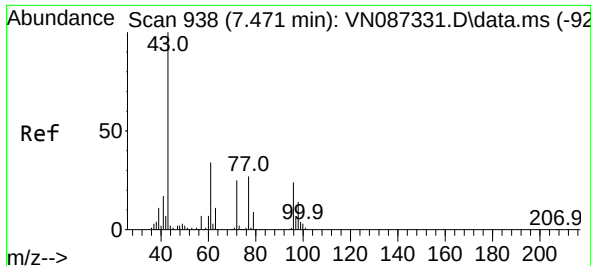
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 20.463 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

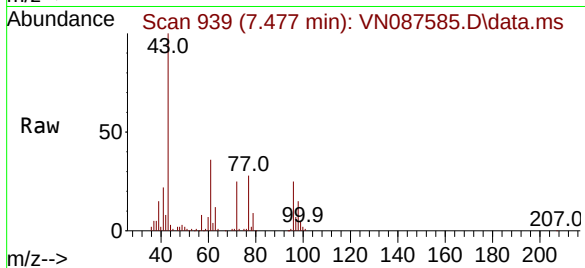
Tgt Ion: 77 Resp: 109859
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.301 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087585.D
 Acq: 15 Aug 2025 16:24

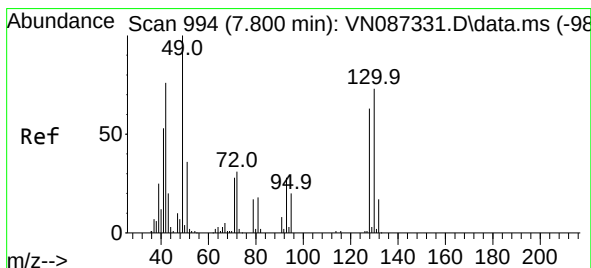
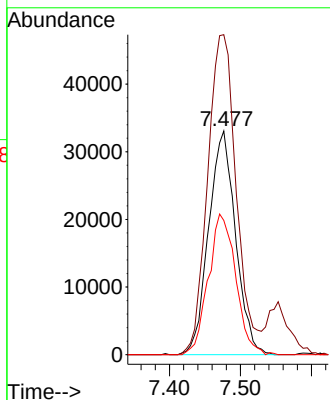
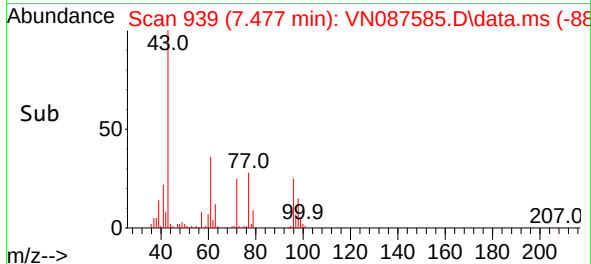
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBSD01



Tgt Ion: 96 Resp: 8718
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 297.8
 98 63.9 0.0 132.4

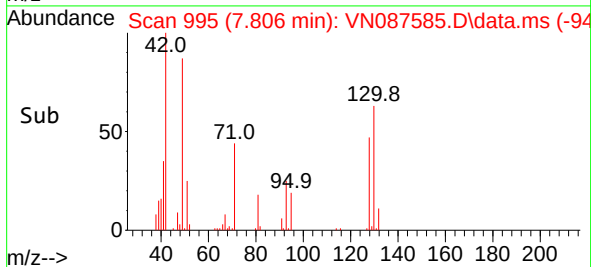
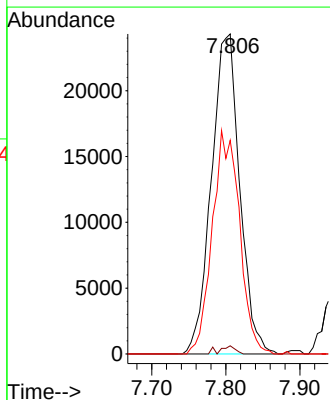
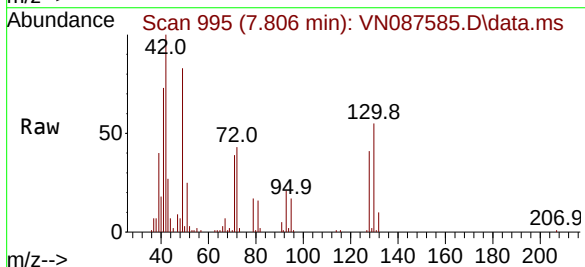
Manual Integrations
 APPROVED

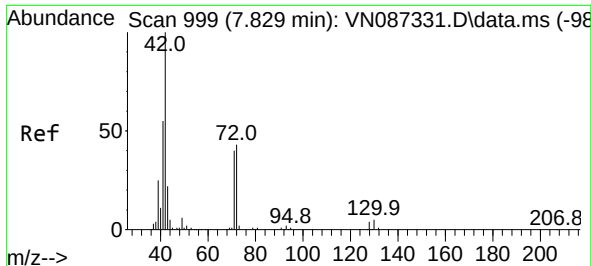
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#28
 Bromochloromethane
 Concen: 19.561 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.006 min
 Lab File: VN087585.D
 Acq: 15 Aug 2025 16:24

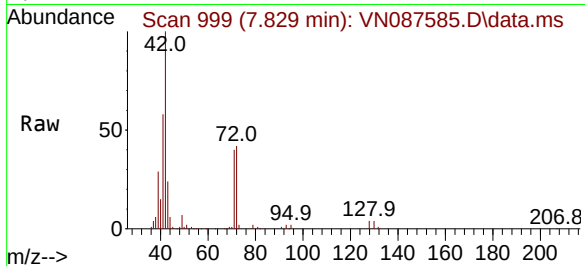
Tgt Ion: 49 Resp: 64645
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.2
 130 67.0 57.3 85.9





#29
Tetrahydrofuran
Concen: 107.059 ug/l
RT: 7.829 min Scan# 999
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

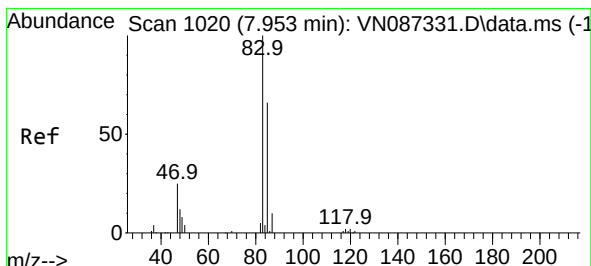
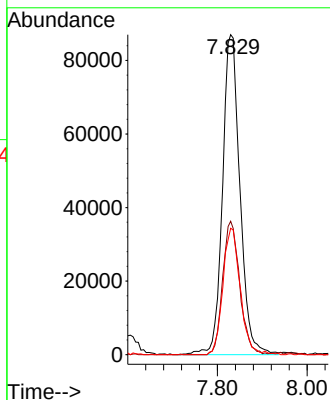
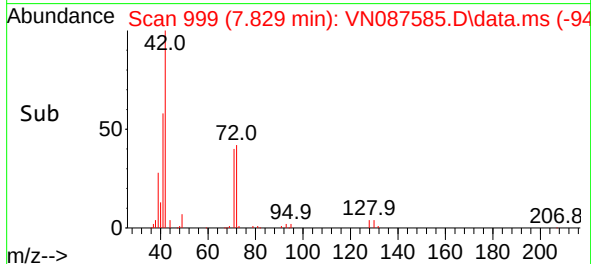
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion: 42 Resp: 236082
Ion Ratio Lower Upper
42 100
72 40.7 33.4 50.0
71 39.3 31.2 46.8

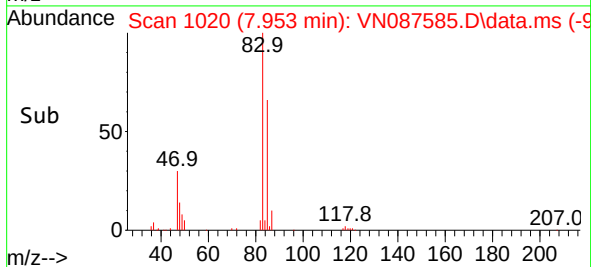
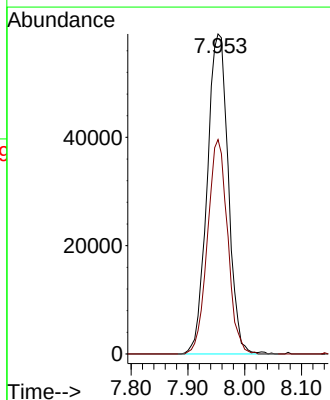
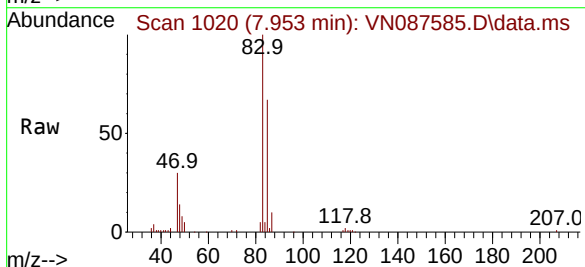
Manual Integrations
APPROVED

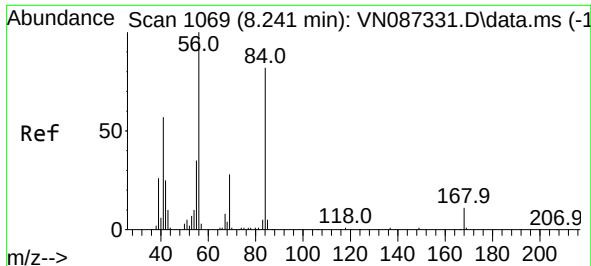
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#30
Chloroform
Concen: 21.996 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

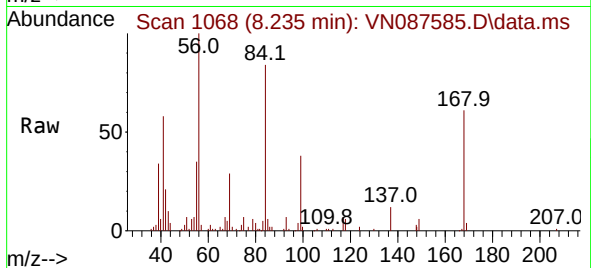
Tgt Ion: 83 Resp: 152028
Ion Ratio Lower Upper
83 100
85 67.0 52.7 79.1





#31
Cyclohexane
Concen: 21.478 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

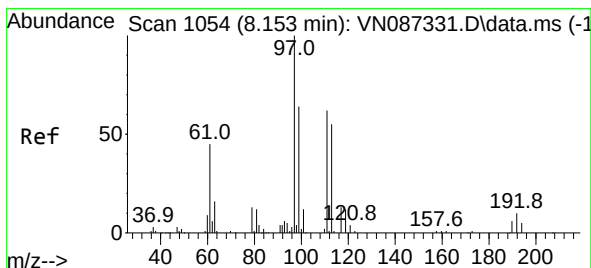
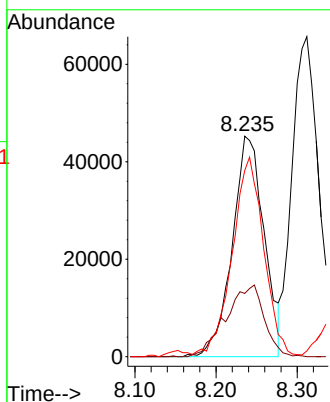
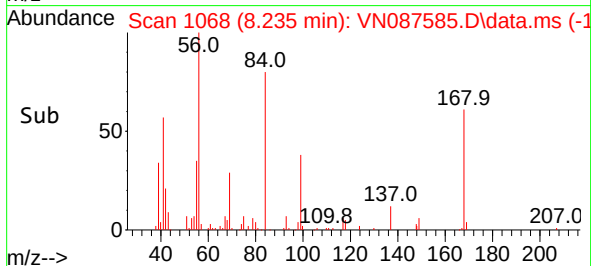
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



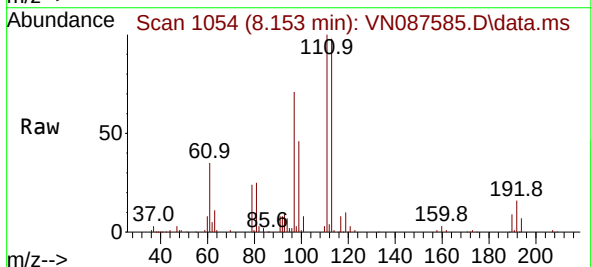
Tgt Ion: 56 Resp: 123720
Ion Ratio Lower Upper
56 100
69 27.8 22.7 34.1
84 81.7 65.8 98.6

Manual Integrations
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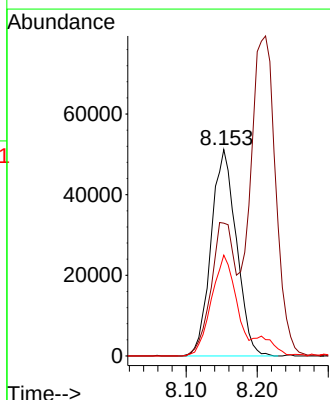
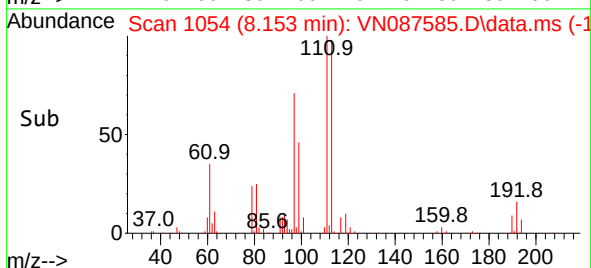
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

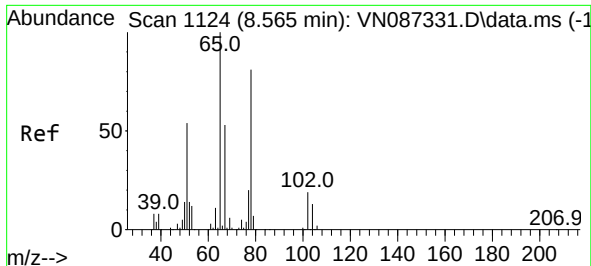


#32
1,1,1-Trichloroethane
Concen: 21.132 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24



Tgt Ion: 97 Resp: 126499
Ion Ratio Lower Upper
97 100
99 59.0 51.8 77.8
61 49.0 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 51.915 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBSD01

Tgt Ion: 65 Resp: 243250

Ion Ratio Lower Upper

65 100

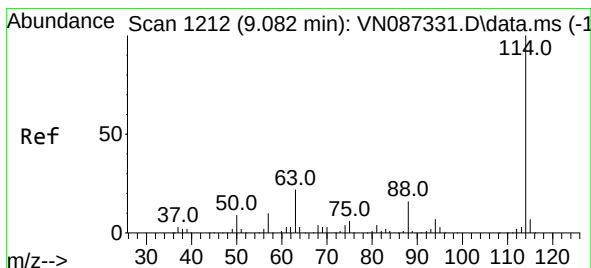
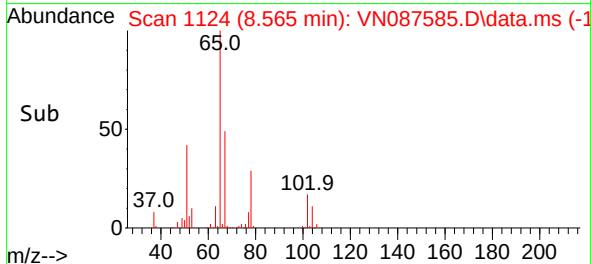
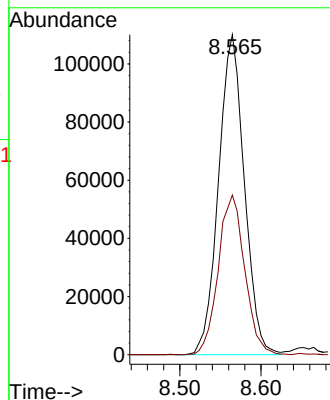
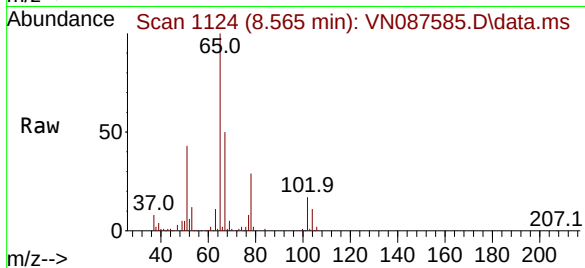
67 51.1 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

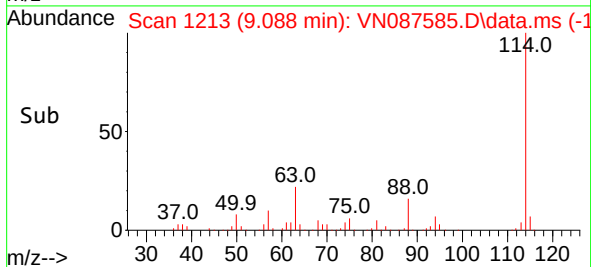
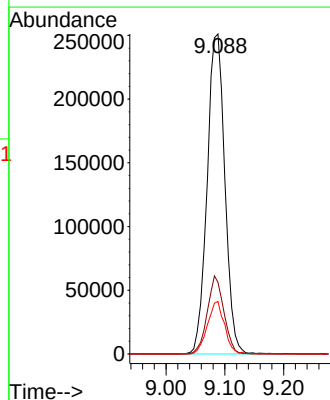
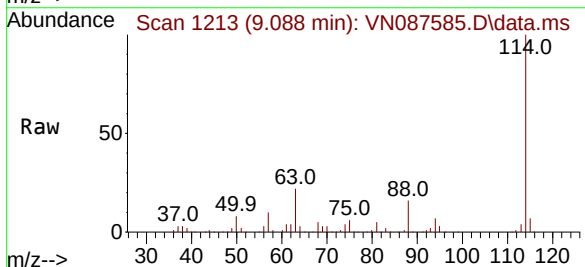
Tgt Ion:114 Resp: 525636

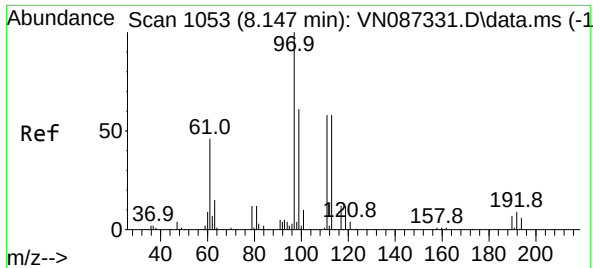
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

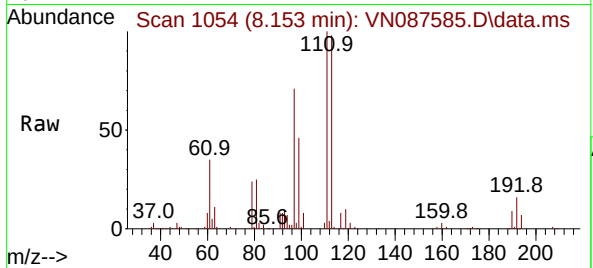
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 46.942 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

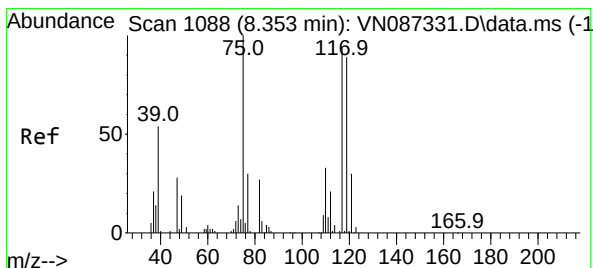
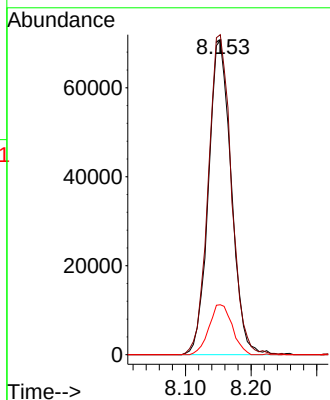
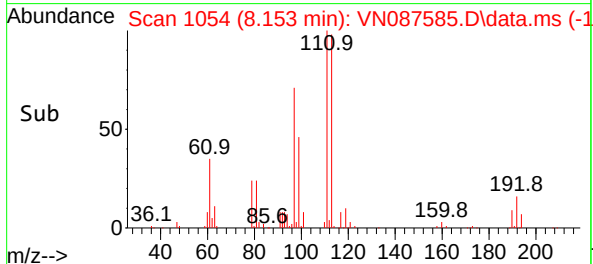
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 113 Resp: 17020
Ion Ratio Lower Upper
113 100
111 103.5 82.5 123.7
192 16.2 13.7 20.5

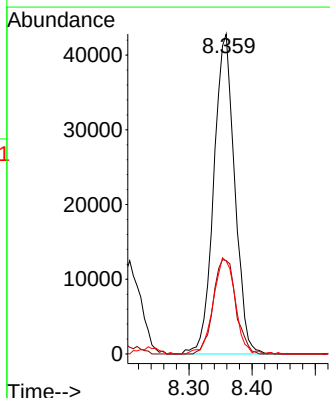
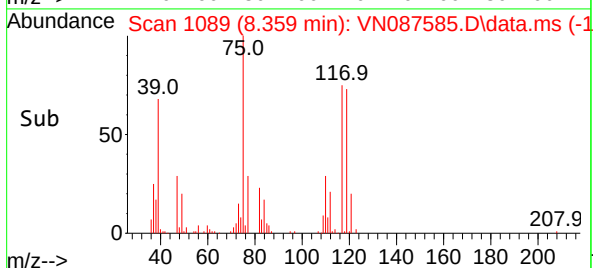
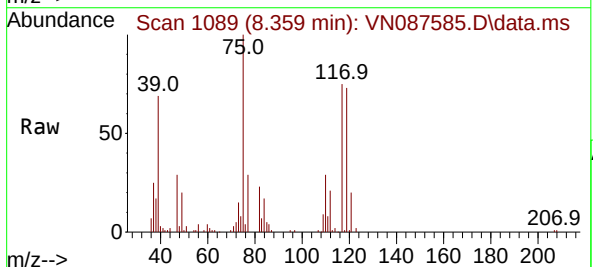
Manual Integrations
APPROVED

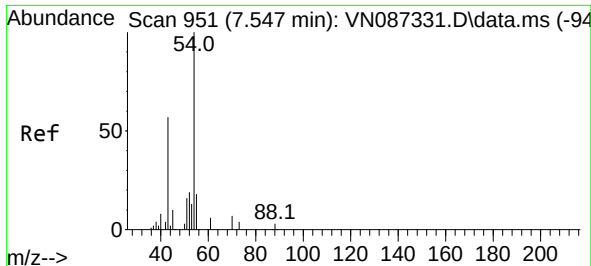
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#36
1,1-Dichloropropene
Concen: 20.557 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

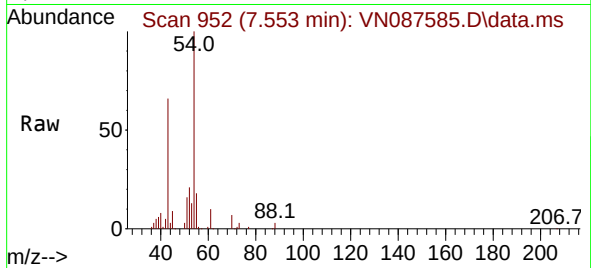
Tgt Ion: 75 Resp: 98475
Ion Ratio Lower Upper
75 100
110 31.8 16.7 50.1
77 31.5 25.2 37.8





#37
Ethyl Acetate
Concen: 19.901 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

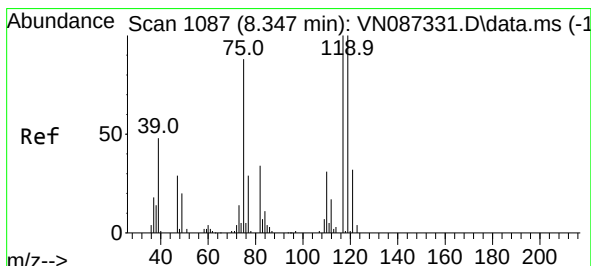
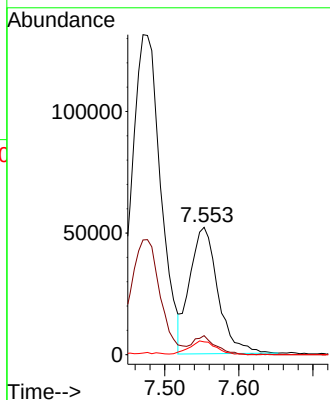
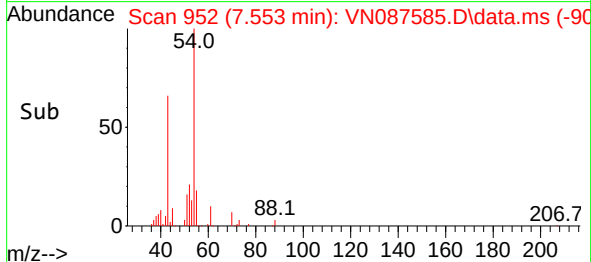
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 43 Resp: 13768
Ion Ratio Lower Upper
43 100
61 11.7 10.9 16.3
70 10.2 7.4 11.0

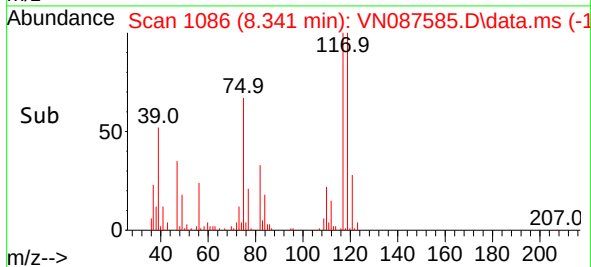
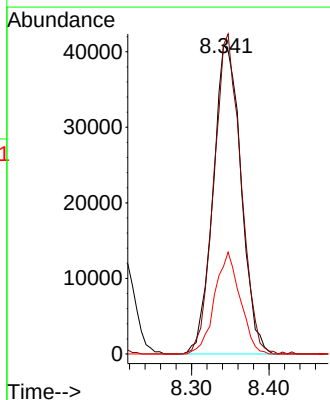
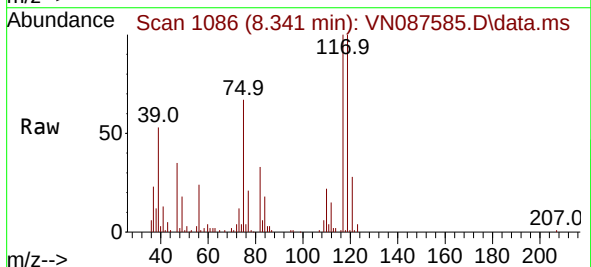
Manual Integrations
APPROVED

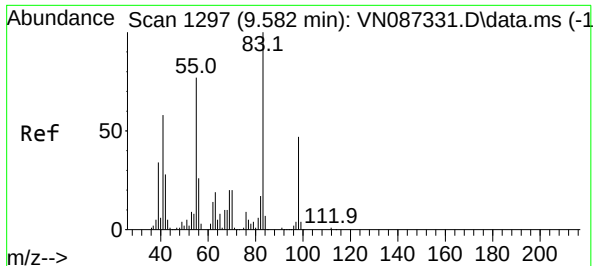
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#38
Carbon Tetrachloride
Concen: 19.467 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Tgt Ion:117 Resp: 102729
Ion Ratio Lower Upper
117 100
119 100.0 80.2 120.2
121 28.3 25.4 38.2





#39

Methylcyclohexane

Concen: 22.298 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBSD01

Tgt Ion: 83 Resp: 11564

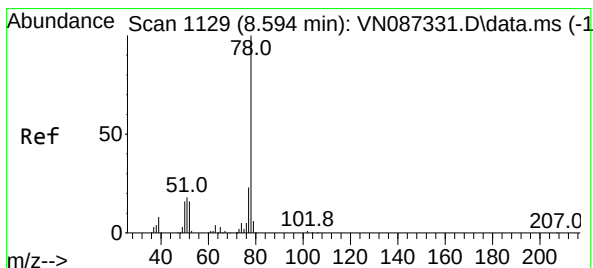
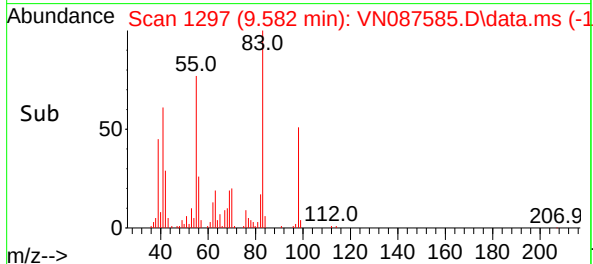
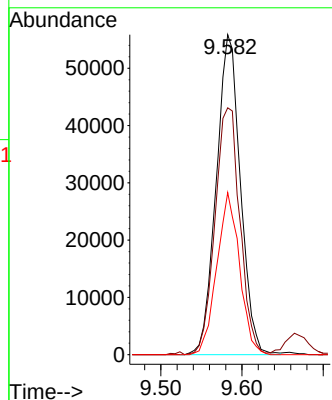
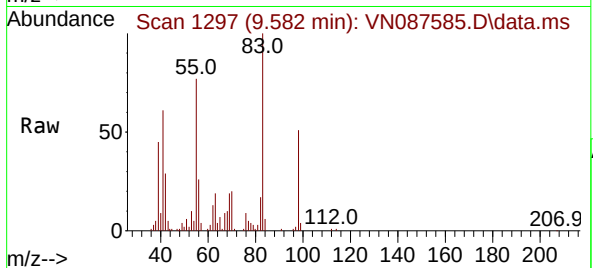
Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.3	91.9
98	50.6	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 19.796 ug/l

RT: 8.594 min Scan# 1129

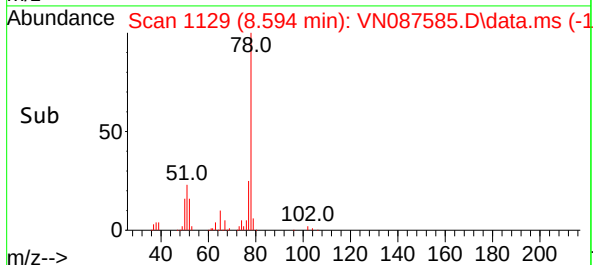
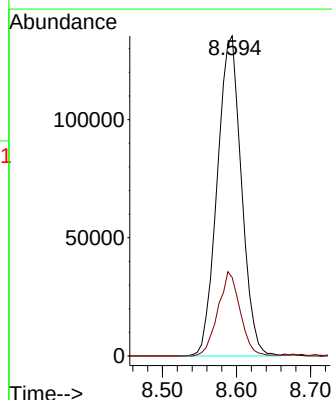
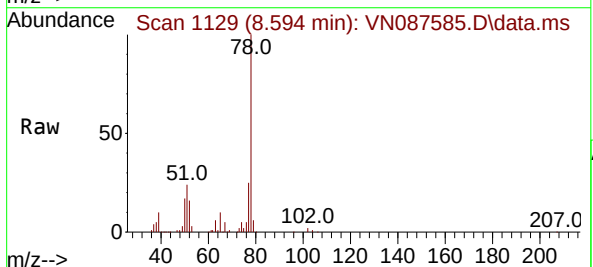
Delta R.T. -0.000 min

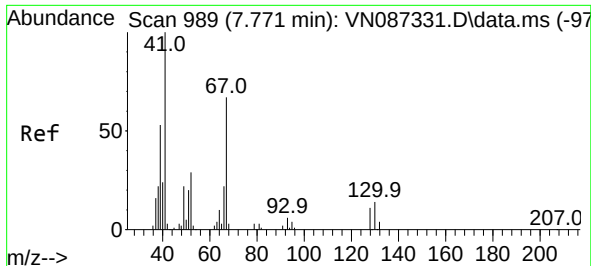
Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

Tgt Ion: 78 Resp: 306498

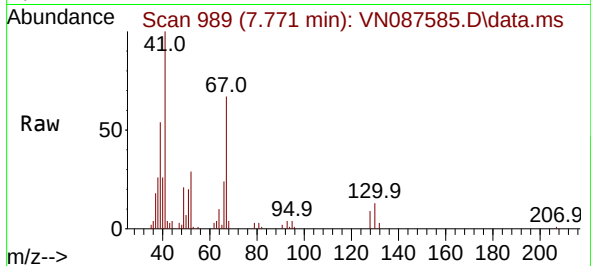
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.2	27.2





#41
Methacrylonitrile
Concen: 20.551 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

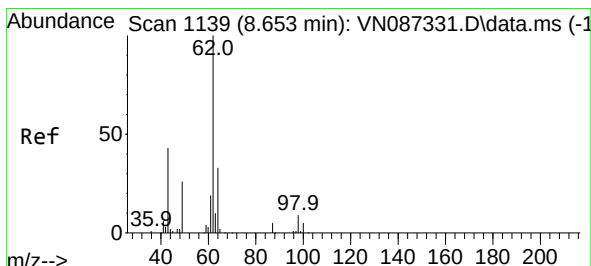
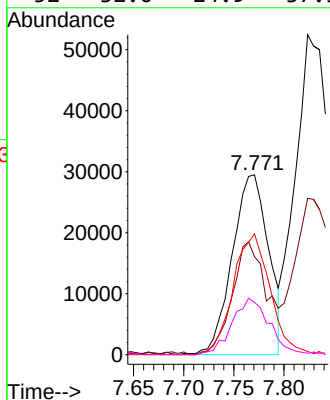
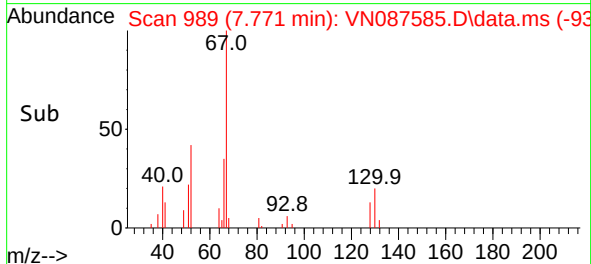
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion:	41	Resp:	7434
Ion Ratio	100	Lower	Upper
39	59.8	43.4	65.0
67	68.6	55.1	82.7
52	32.0	24.9	37.3

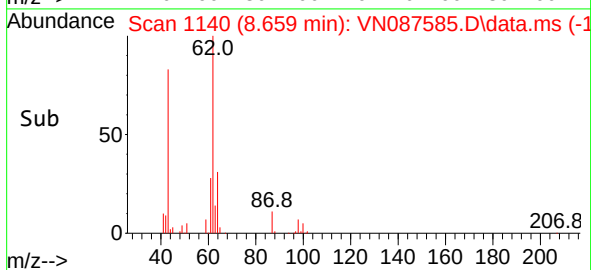
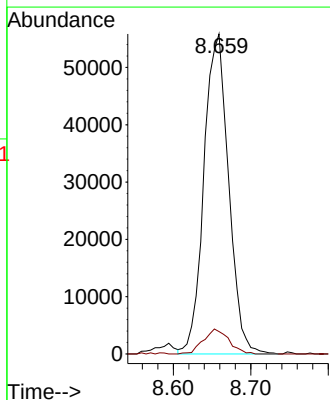
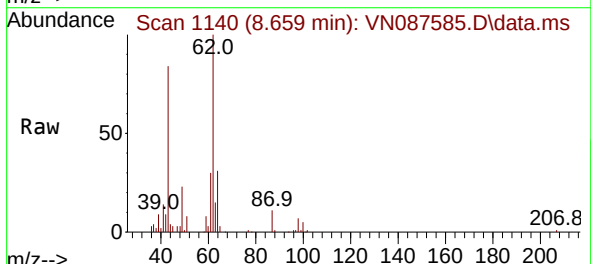
Manual Integrations
APPROVED

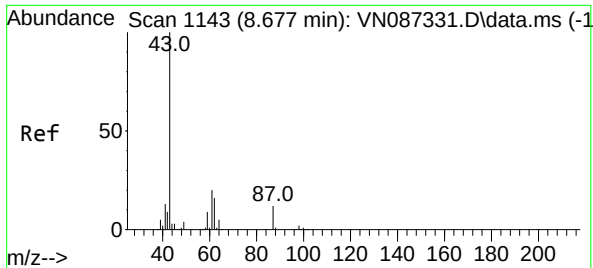
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 21.086 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

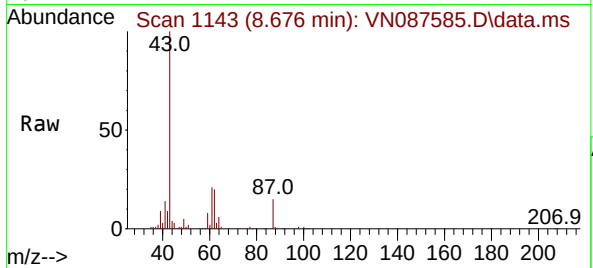
Tgt Ion:	62	Resp:	123804
Ion Ratio	100	Lower	Upper
98	8.0	0.0	18.0





#43
Isopropyl Acetate
Concen: 21.108 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

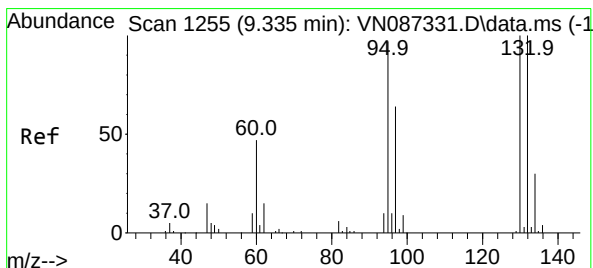
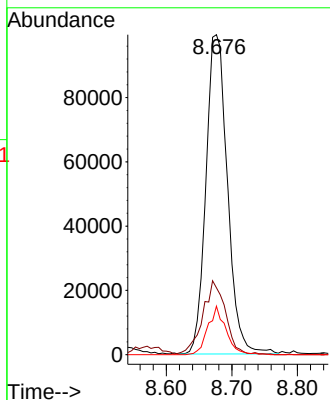
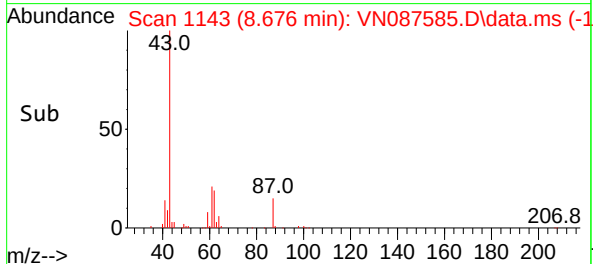
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 43 Resp: 226692
Ion Ratio Lower Upper
43 100
61 23.8 19.8 29.8
87 12.8 9.8 14.6

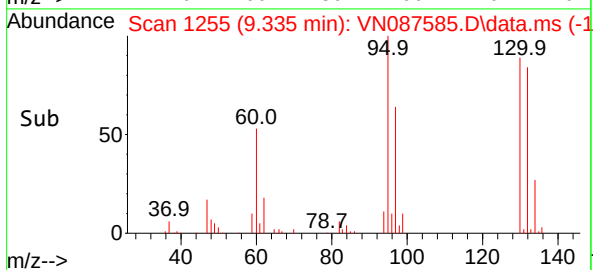
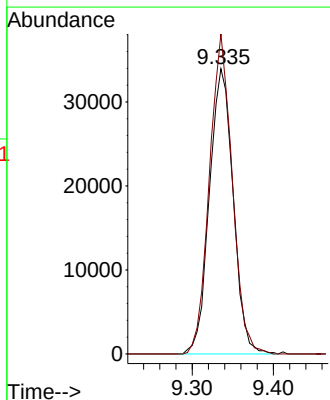
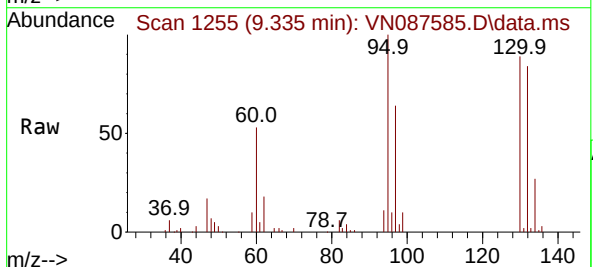
Manual Integrations
APPROVED

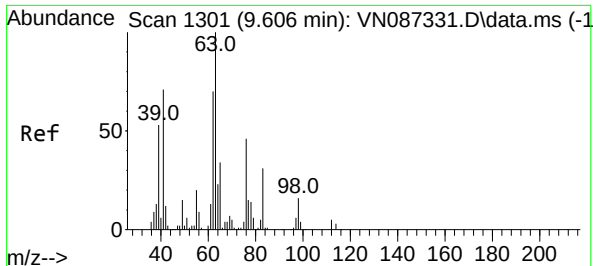
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 18.894 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Tgt Ion:130 Resp: 69121
Ion Ratio Lower Upper
130 100
95 112.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.830 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBSD01

Tgt Ion: 63 Resp: 7801

Ion Ratio Lower Upper

63 100

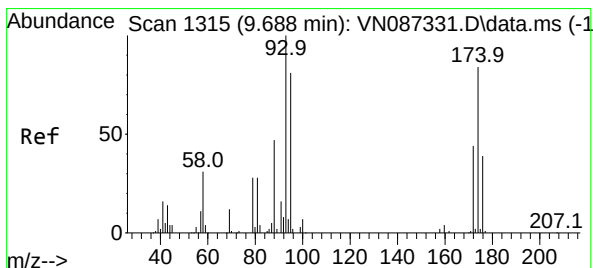
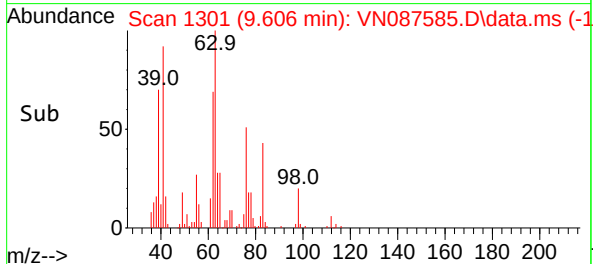
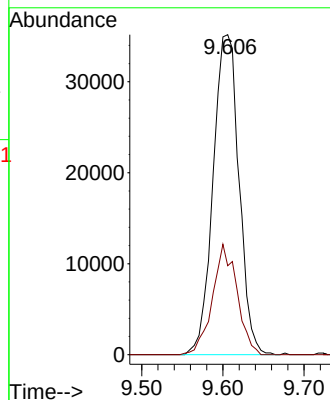
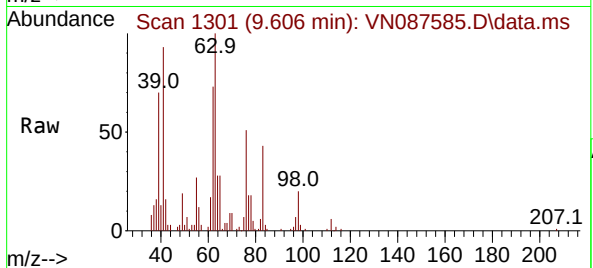
65 27.8 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 20.111 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

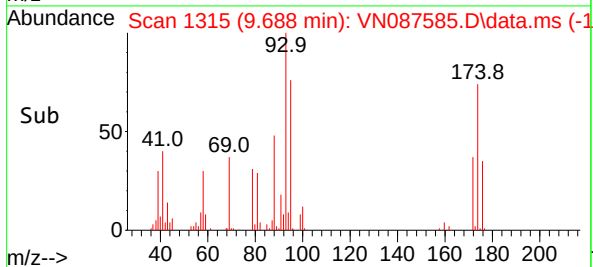
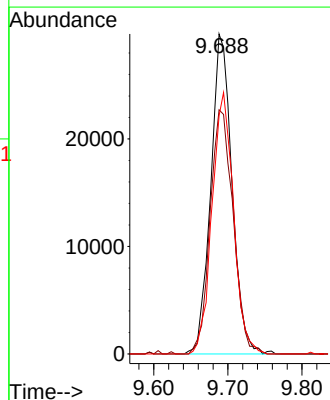
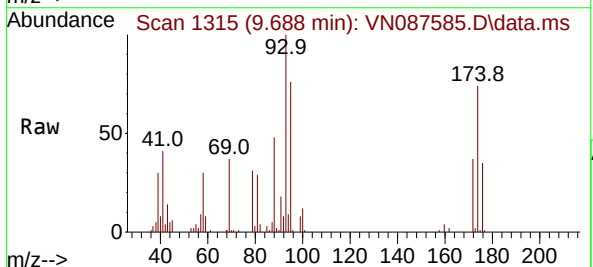
Tgt Ion: 93 Resp: 59234

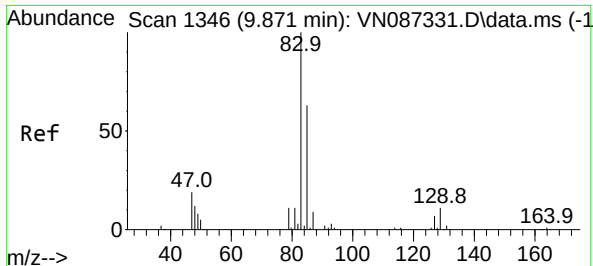
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.8

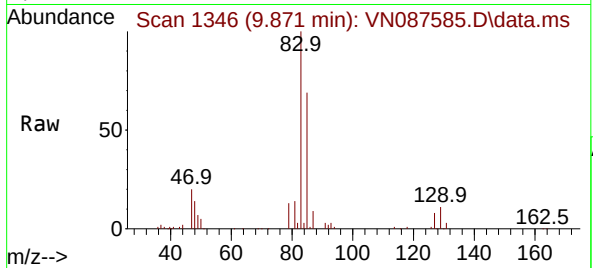
174 82.7 69.9 104.9





#47
Bromodichloromethane
Concen: 20.615 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

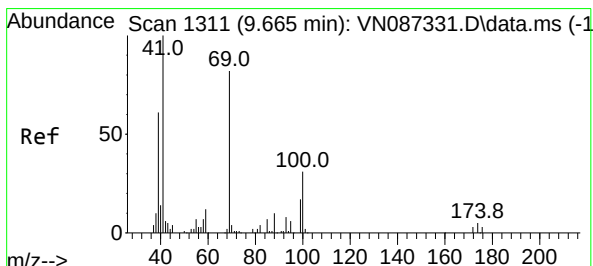
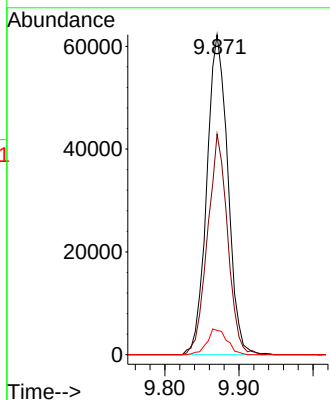
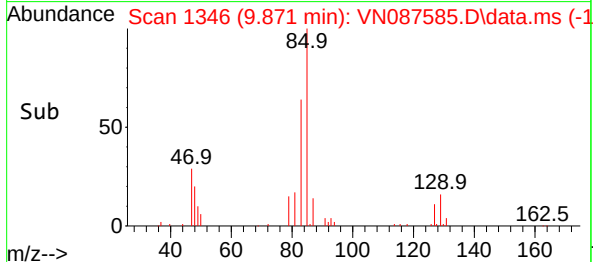
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



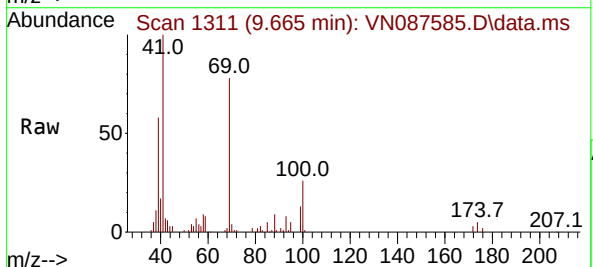
Tgt Ion: 83 Resp: 122308
Ion Ratio Lower Upper
83 100
85 69.0 50.4 75.6
127 7.6 5.8 8.8

Manual Integrations
APPROVED

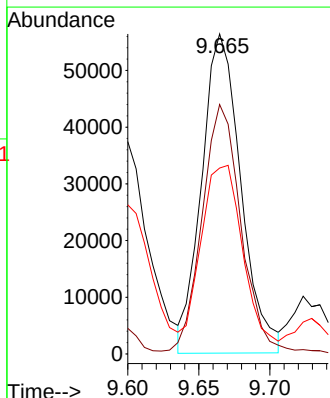
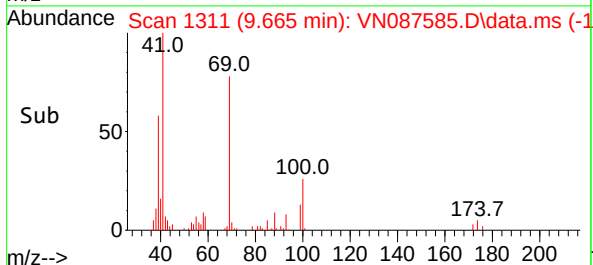
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

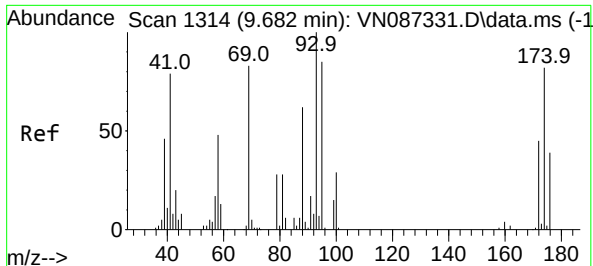


#48
Methyl methacrylate
Concen: 22.345 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24



Tgt Ion: 41 Resp: 108034
Ion Ratio Lower Upper
41 100
69 78.7 64.1 96.1
39 64.0 45.5 68.3





#49

1,4-Dioxane

Concen: 434.330 ug/l

RT: 9.688 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBSD01

Tgt Ion: 88 Resp: 3216

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0

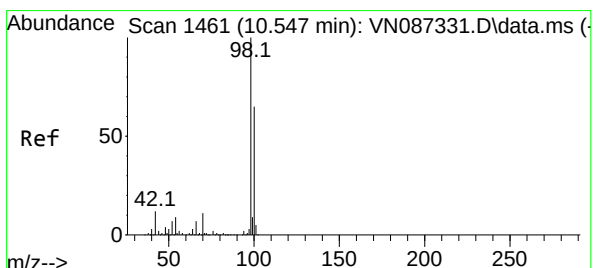
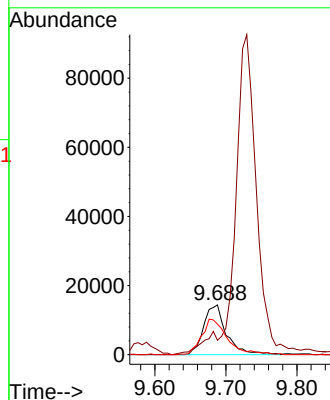
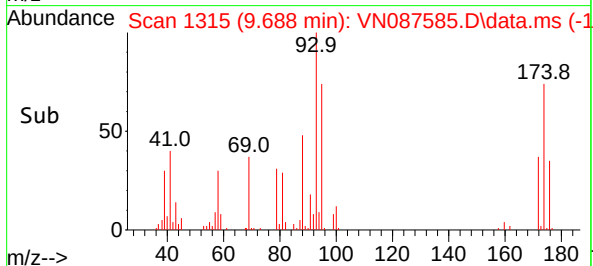
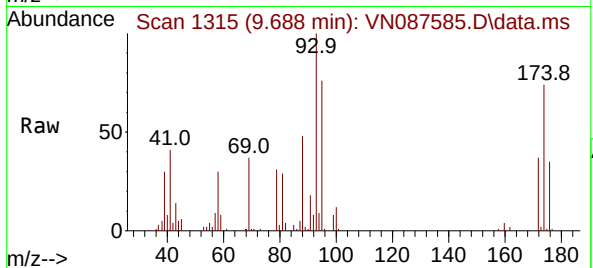
58 80.6 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#50

Toluene-d8

Concen: 48.379 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087585.D

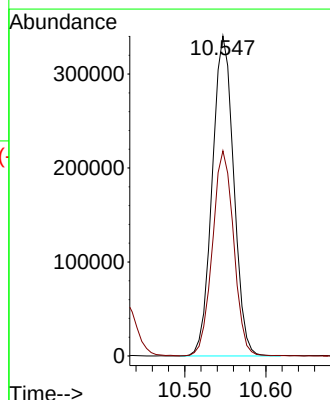
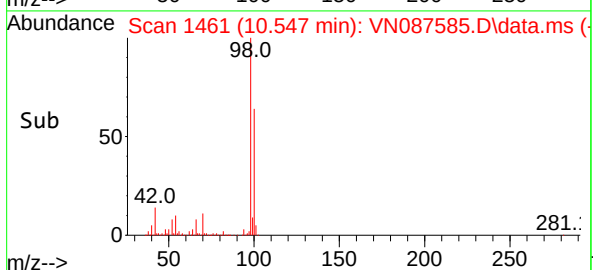
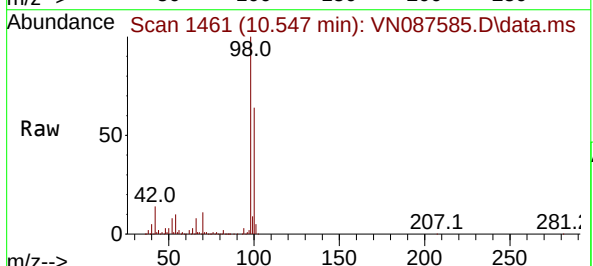
Acq: 15 Aug 2025 16:24

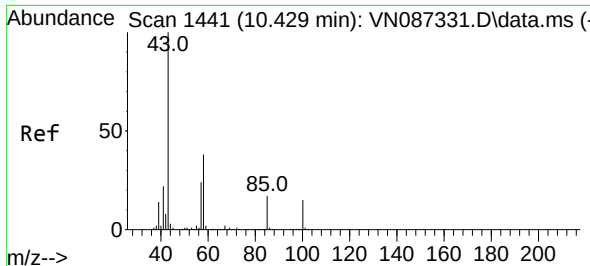
Tgt Ion: 98 Resp: 625727

Ion Ratio Lower Upper

98 100

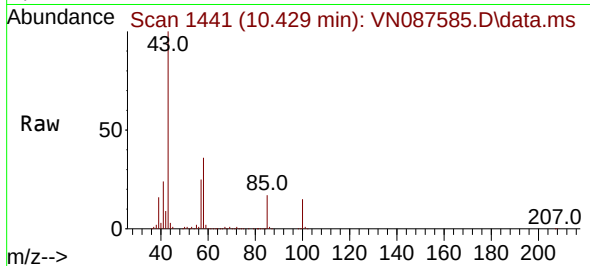
100 63.6 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 105.558 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

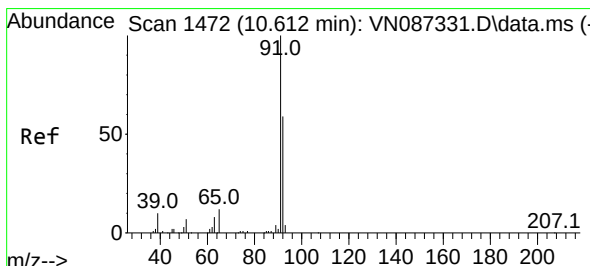
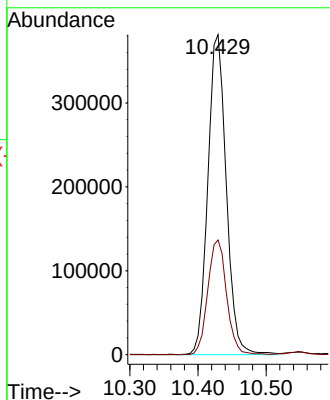
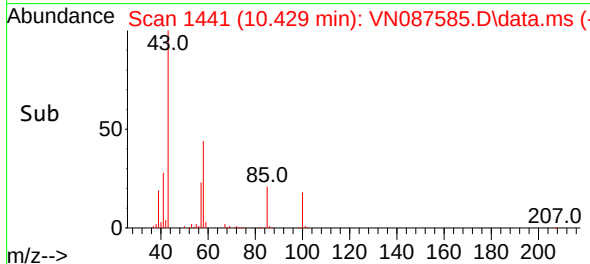
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion: 43 Resp: 717019
Ion Ratio Lower Upper
43 100
58 36.6 30.8 46.2

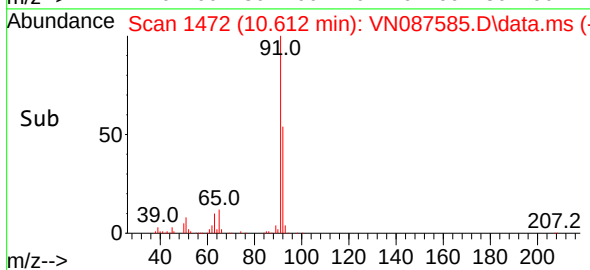
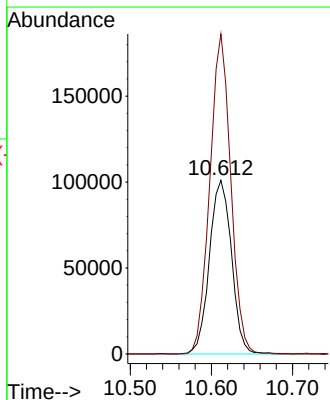
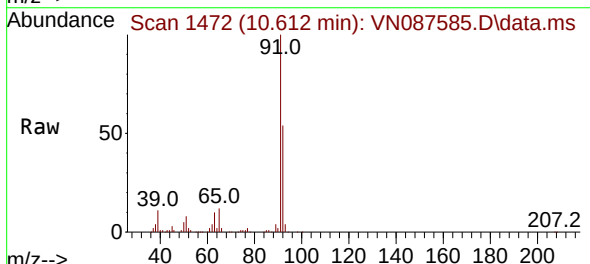
Manual Integrations
APPROVED

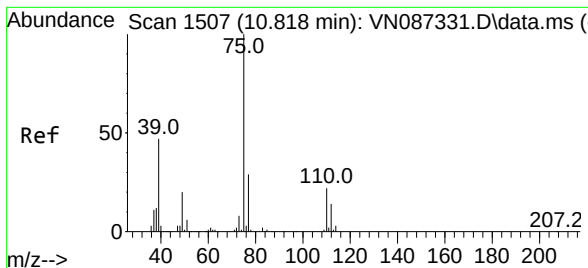
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 20.271 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

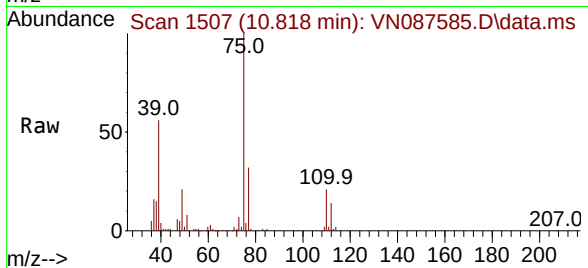
Tgt Ion: 92 Resp: 190757
Ion Ratio Lower Upper
92 100
91 175.1 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 20.423 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

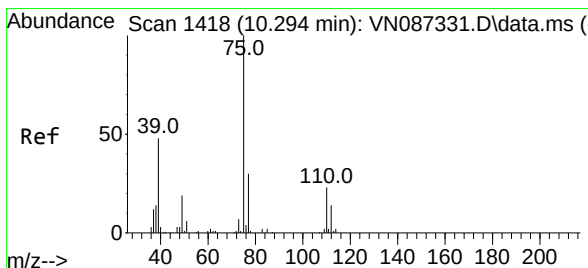
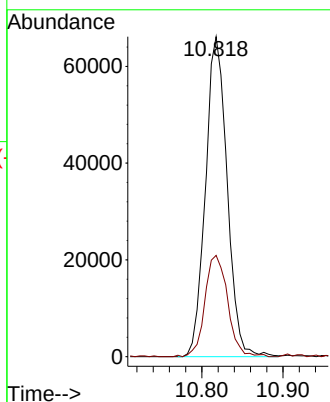
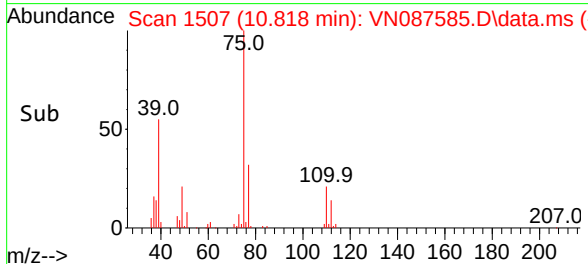
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



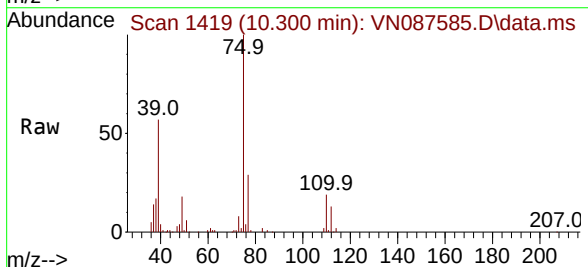
Tgt Ion: 75 Resp: 122628
Ion Ratio Lower Upper
75 100
77 31.7 23.6 35.4

Manual Integrations
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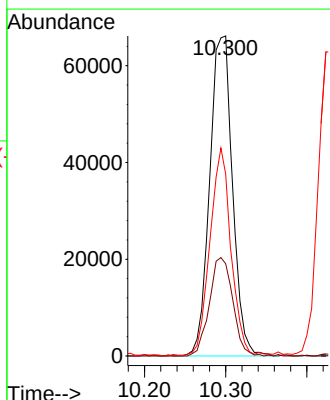
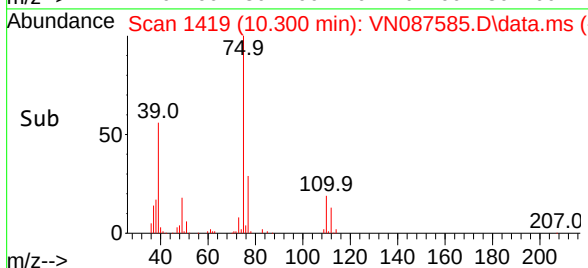
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

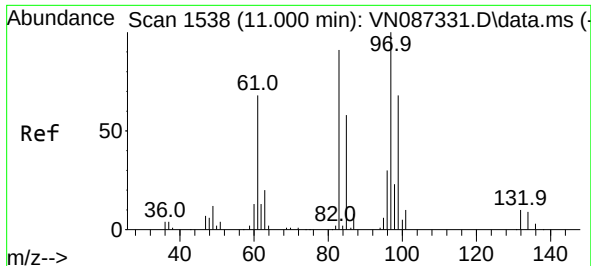


#54
cis-1,3-Dichloropropene
Concen: 20.844 ug/l
RT: 10.300 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24



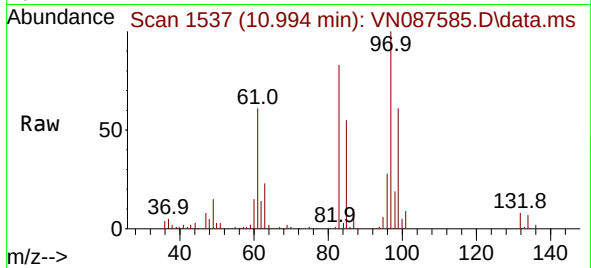
Tgt Ion: 75 Resp: 129276
Ion Ratio Lower Upper
75 100
77 28.8 24.2 36.2
39 56.5 38.4 57.6





#55
1,1,2-Trichloroethane
Concen: 21.096 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

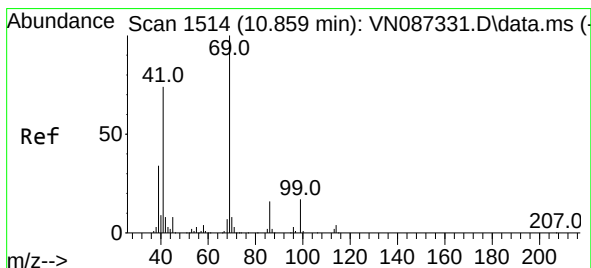
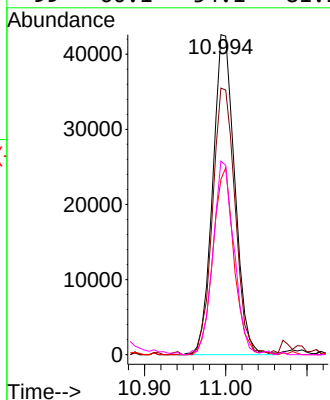
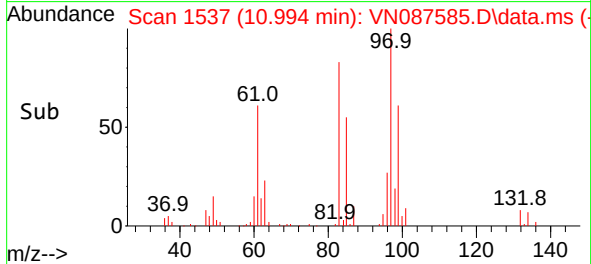
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion:	97	Resp:	8037
Ion	Ratio	Lower	Upper
97	100		
83	82.7	72.6	109.0
85	54.8	46.7	70.1
99	60.1	54.1	81.1

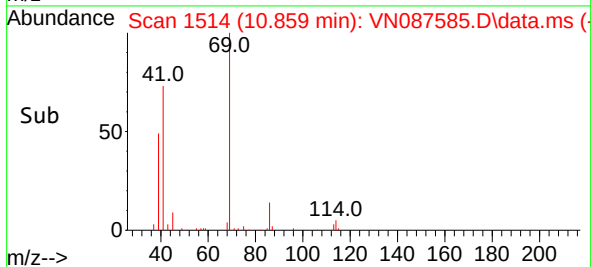
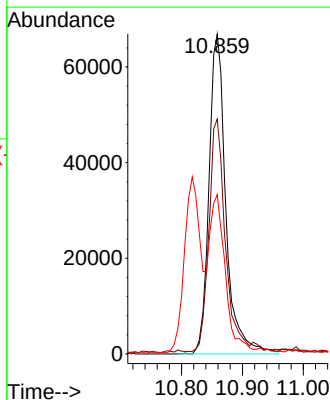
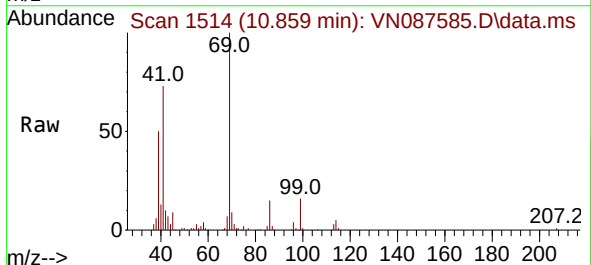
Manual Integrations
APPROVED

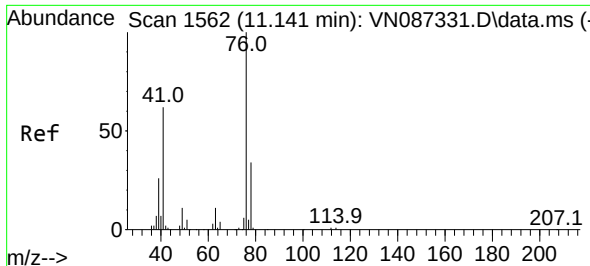
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#56
Ethyl methacrylate
Concen: 20.872 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

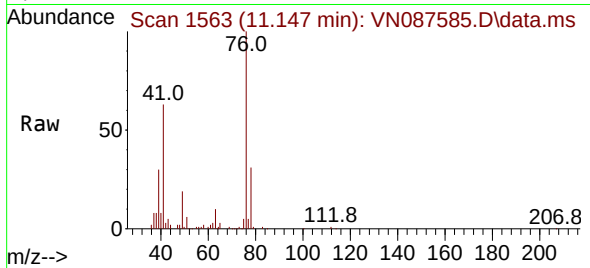
Tgt Ion:	69	Resp:	128774
Ion	Ratio	Lower	Upper
69	100		
41	71.5	55.1	82.7
39	47.3	27.9	41.9





#57
1,3-Dichloropropane
Concen: 20.597 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

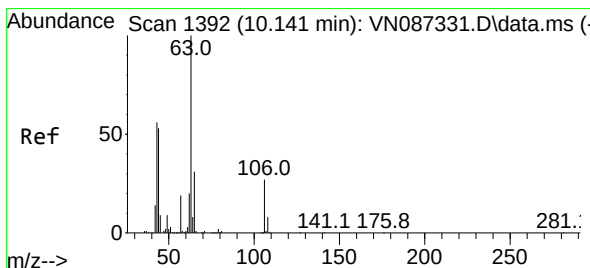
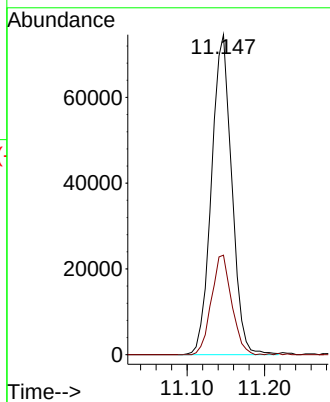
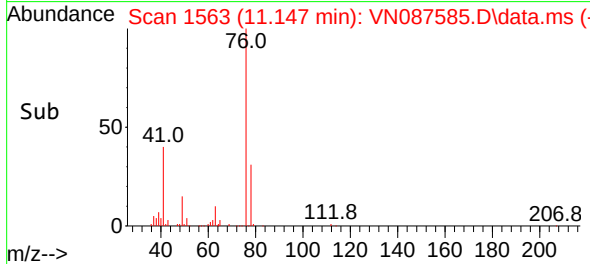
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion: 76 Resp: 135674
Ion Ratio Lower Upper
76 100
78 31.1 26.0 39.0

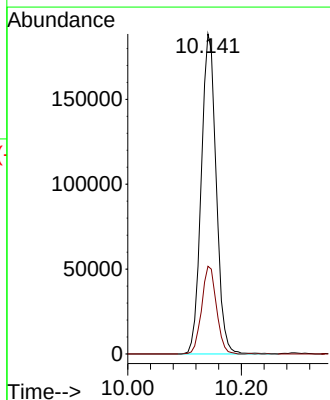
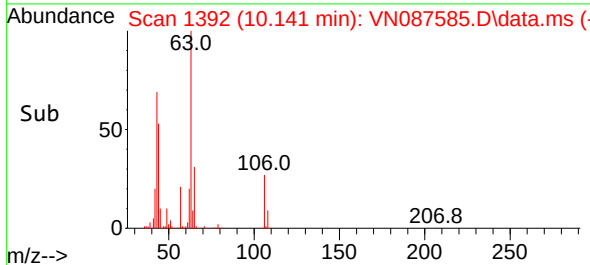
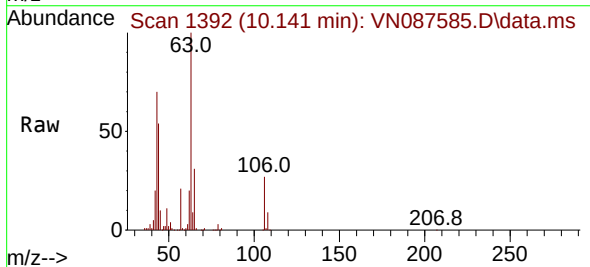
Manual Integrations
APPROVED

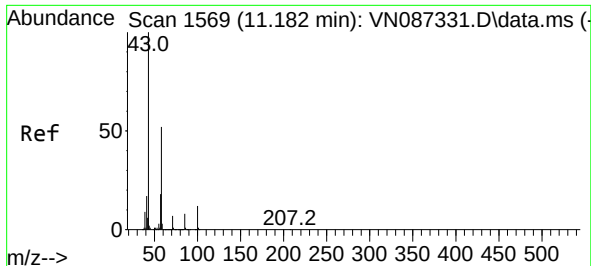
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 110.001 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

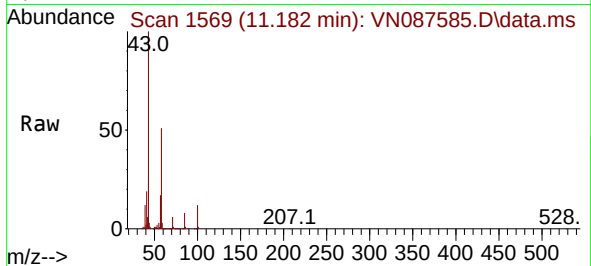
Tgt Ion: 63 Resp: 343789
Ion Ratio Lower Upper
63 100
106 27.0 21.7 32.5





#59
2-Hexanone
Concen: 103.591 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

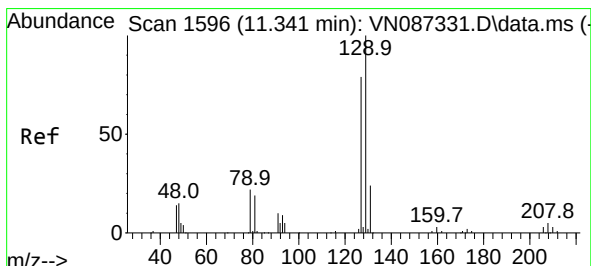
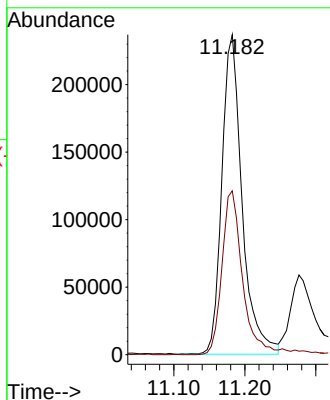
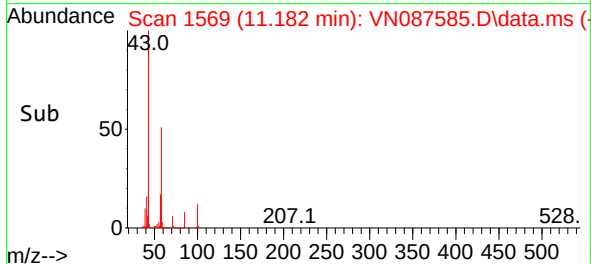
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 43 Resp: 466849
Ion Ratio Lower Upper
43 100
58 52.5 26.7 80.0

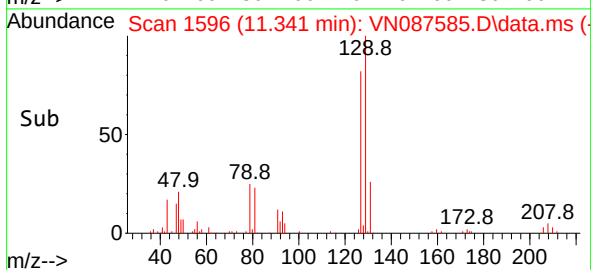
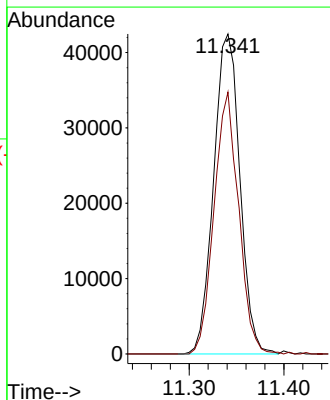
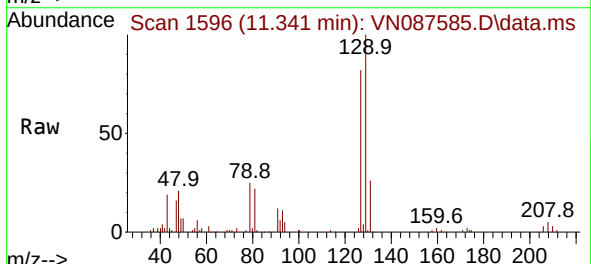
Manual Integrations
APPROVED

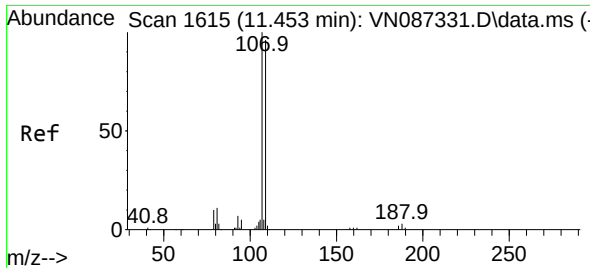
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 18.828 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Tgt Ion:129 Resp: 81808
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5





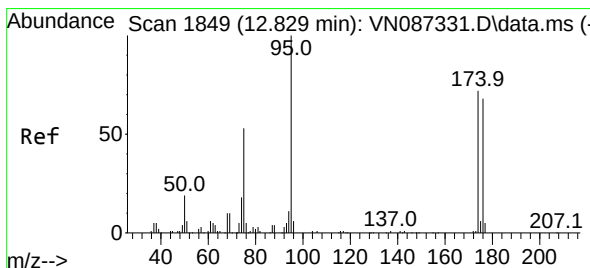
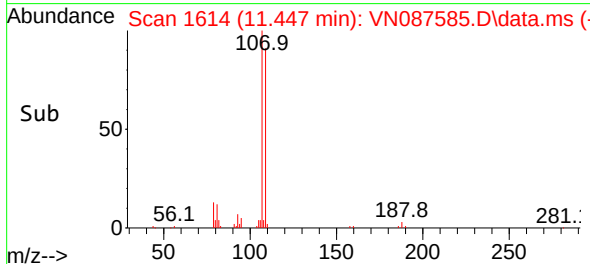
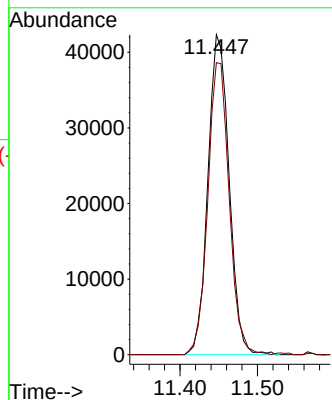
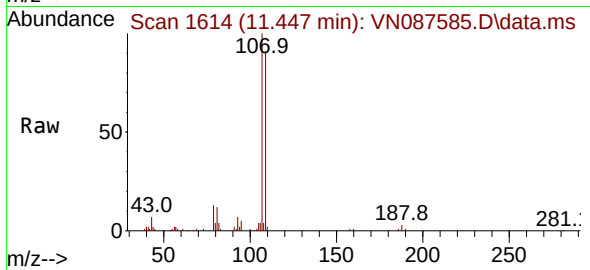
#61
1,2-Dibromoethane
Concen: 20.081 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01

Tgt Ion:107 Resp: 8044
Ion Ratio Lower Upper
107 100
109 92.1 77.5 116.3

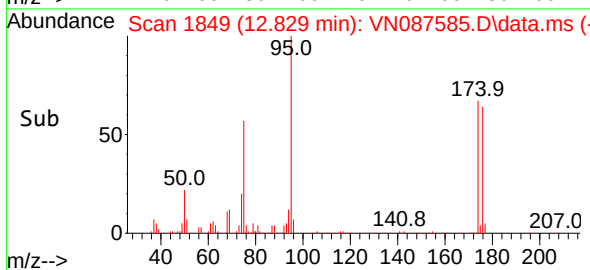
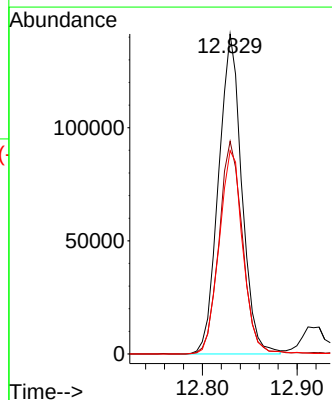
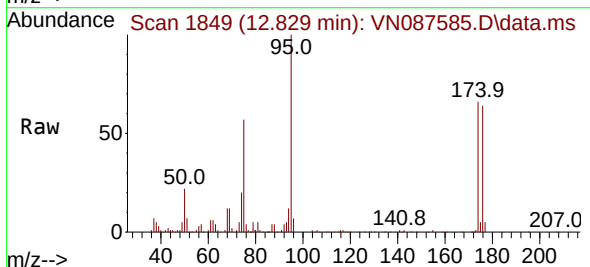
Manual Integrations
APPROVED

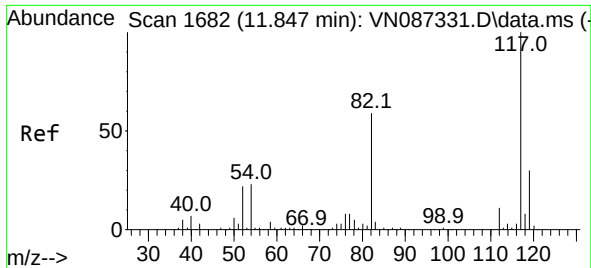
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#62
4-Bromofluorobenzene
Concen: 50.493 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

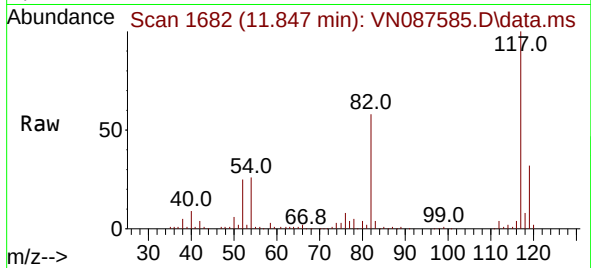
Tgt Ion: 95 Resp: 241276
Ion Ratio Lower Upper
95 100
174 67.4 0.0 149.4
176 65.2 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

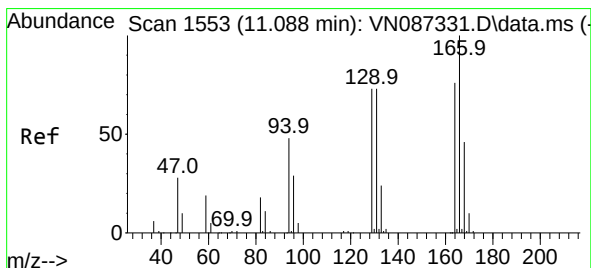
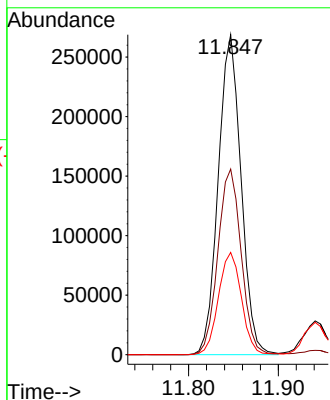
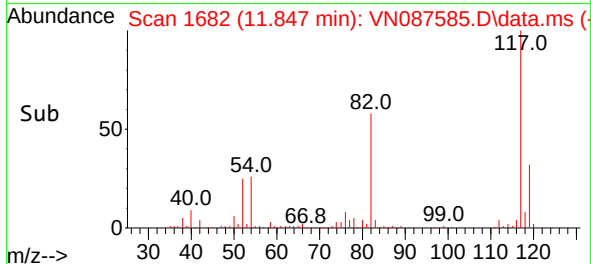
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion:117 Resp: 474630
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.9 23.8 35.8

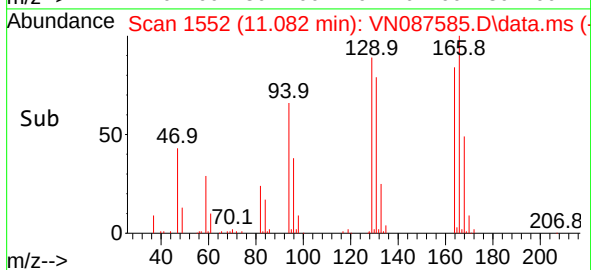
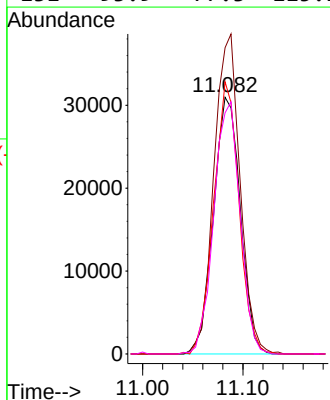
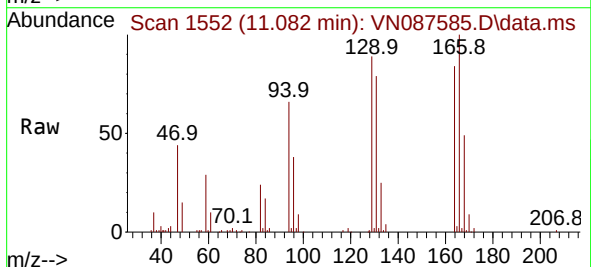
Manual Integrations
APPROVED

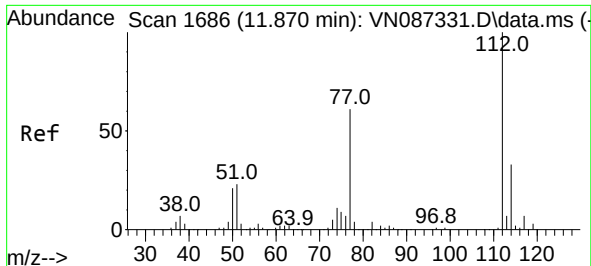
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 18.880 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

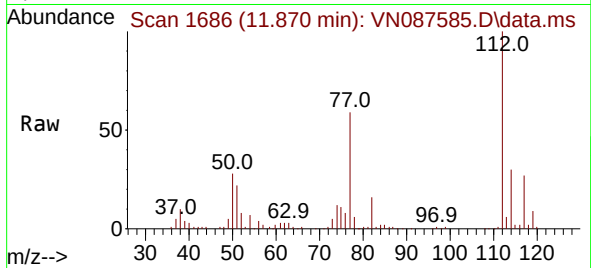
Tgt Ion:164 Resp: 57675
Ion Ratio Lower Upper
164 100
166 119.3 105.5 158.3
129 106.0 77.4 116.2
131 93.9 77.3 115.9





#65
Chlorobenzene
Concen: 19.586 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

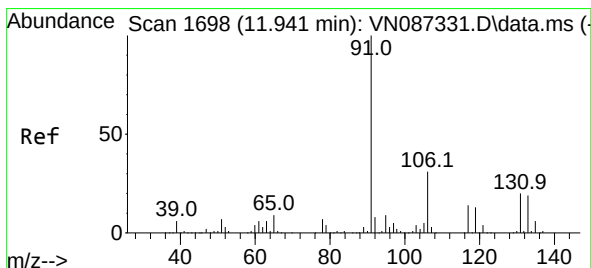
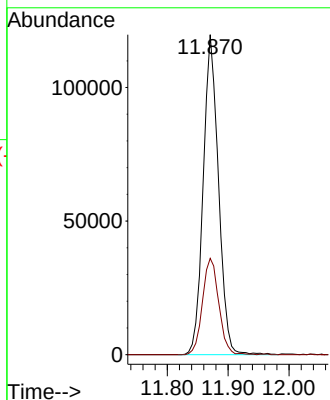
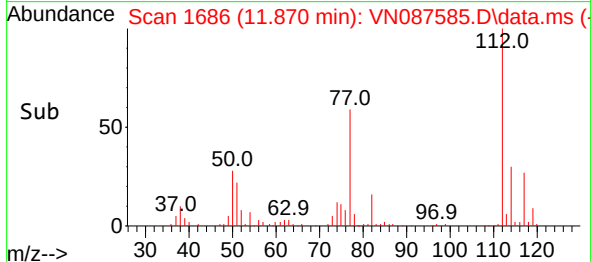
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion:112 Resp: 208709
Ion Ratio Lower Upper
112 100
114 30.1 26.5 39.7

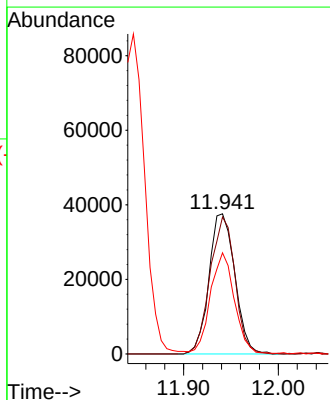
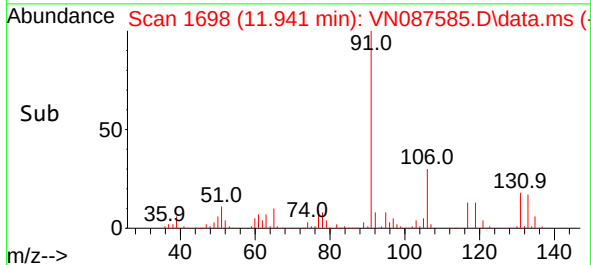
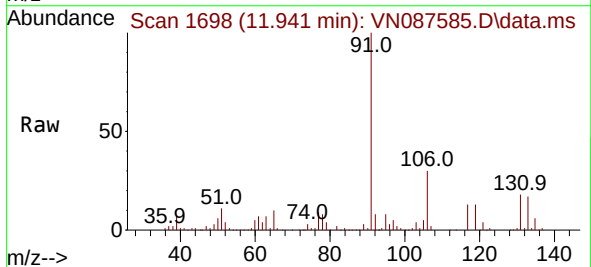
Manual Integrations
APPROVED

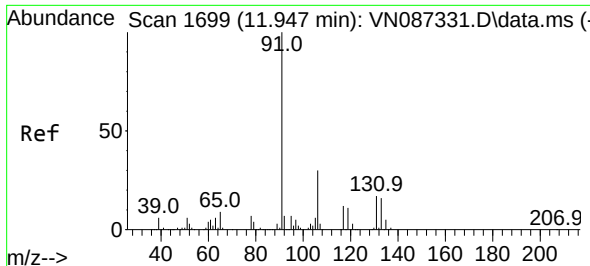
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.655 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

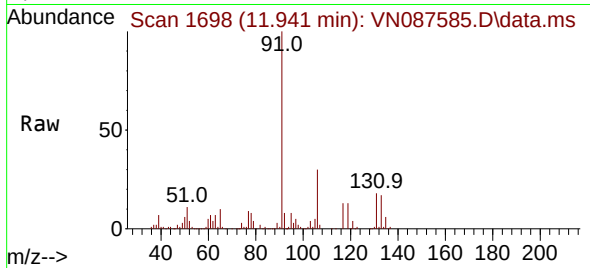
Tgt Ion:131 Resp: 71217
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.3
119 67.5 33.1 99.2





#67
Ethyl Benzene
Concen: 21.148 ug/l
RT: 11.941 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

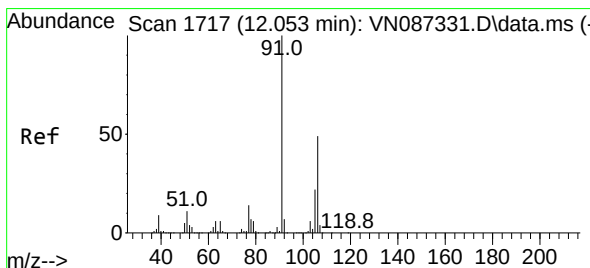
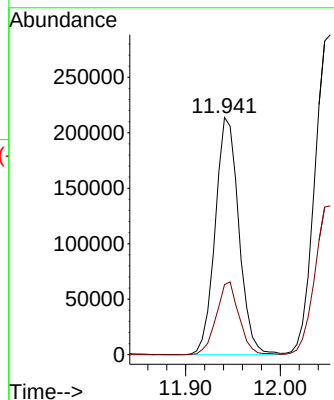
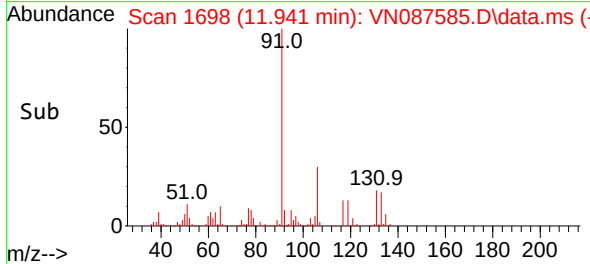
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 91 Resp: 370979
Ion Ratio Lower Upper
91 100
106 29.5 24.3 36.5

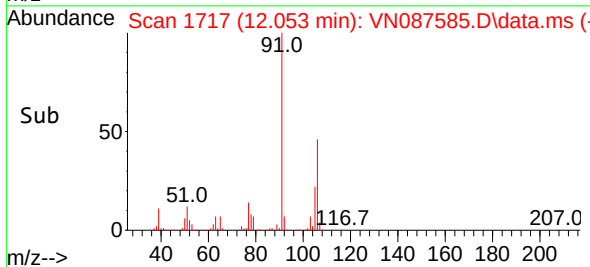
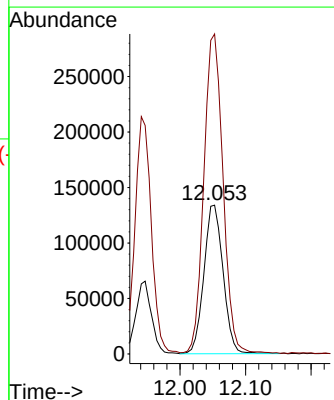
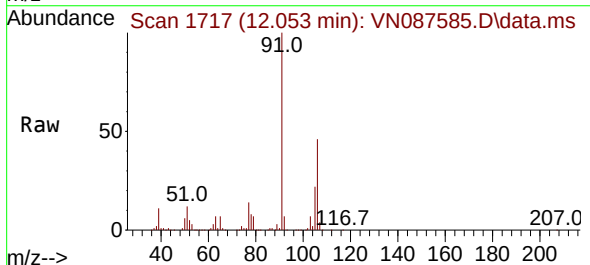
Manual Integrations
APPROVED

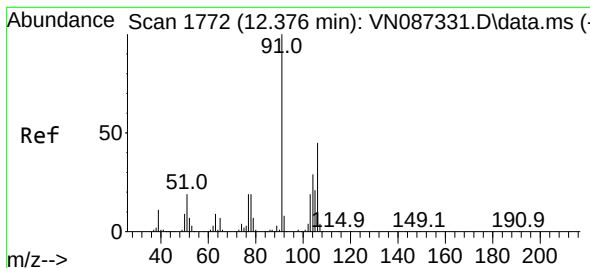
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#68
m/p-Xylenes
Concen: 41.467 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

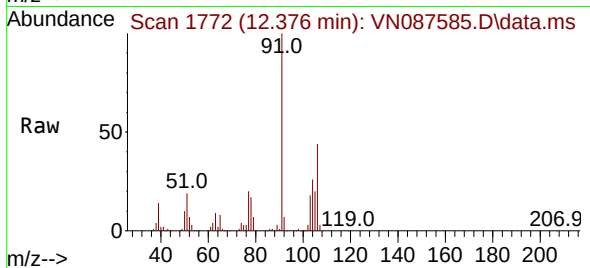
Tgt Ion:106 Resp: 272396
Ion Ratio Lower Upper
106 100
91 215.3 162.0 243.0





#69
o-Xylene
Concen: 21.524 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

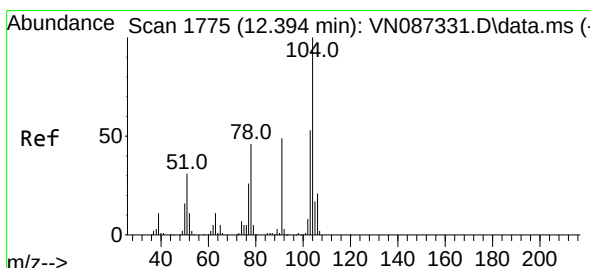
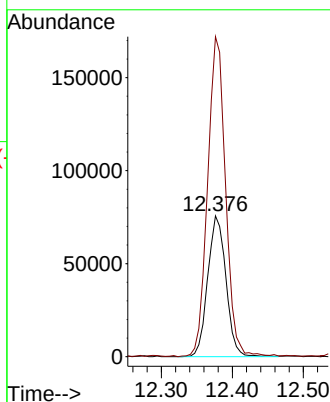
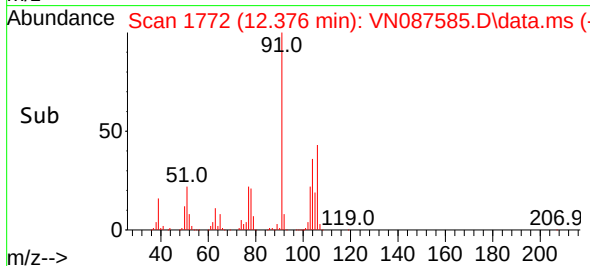
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion:106 Resp: 135063
Ion Ratio Lower Upper
106 100
91 224.3 107.7 323.3

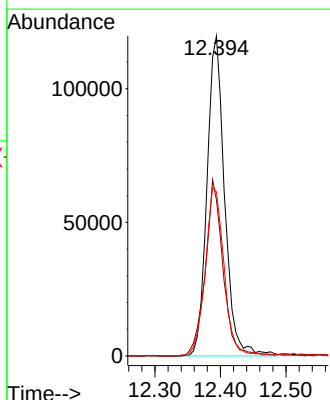
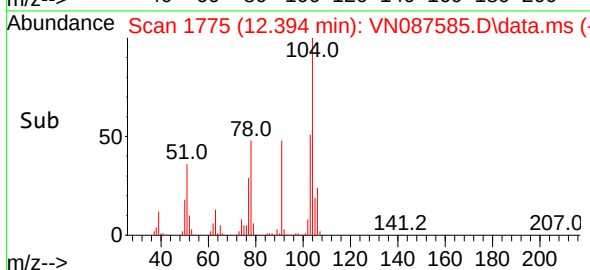
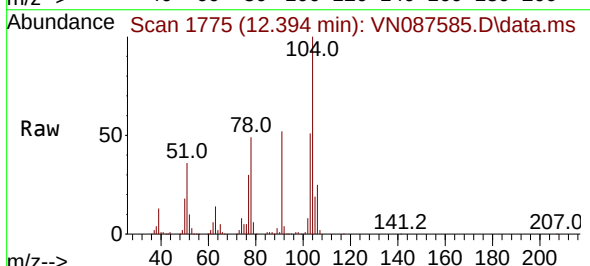
Manual Integrations
APPROVED

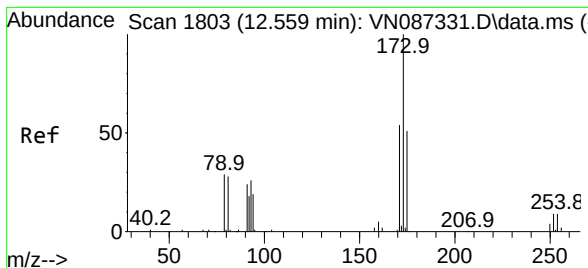
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 21.221 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Tgt Ion:104 Resp: 224003
Ion Ratio Lower Upper
104 100
78 55.4 41.0 61.6
103 56.3 43.9 65.9





#71

Bromoform

Concen: 18.191 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBSD01

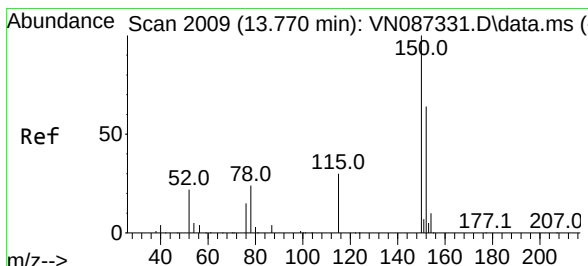
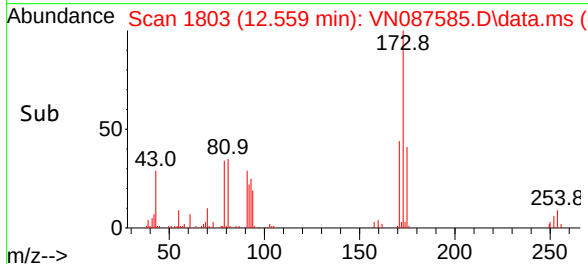
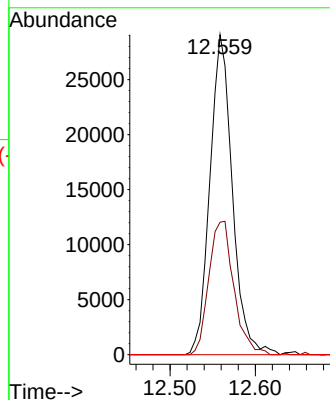
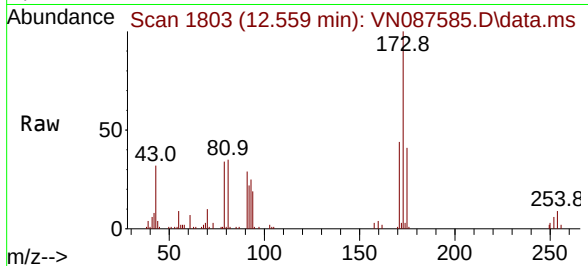
Tgt Ion:173	Resp: 53249
Ion Ratio	Lower Upper
173 100	
175 46.4	24.1 72.3
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

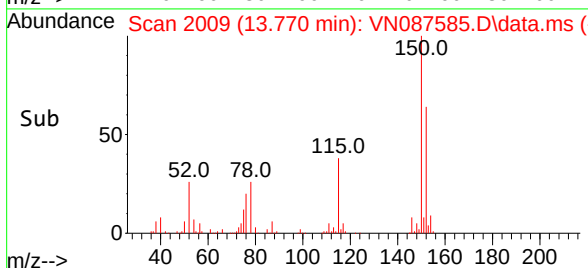
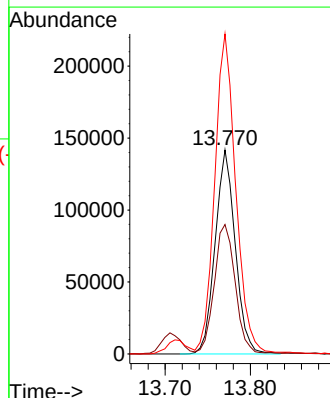
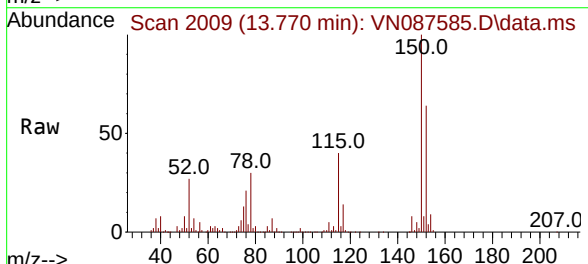
RT: 13.770 min Scan# 2009

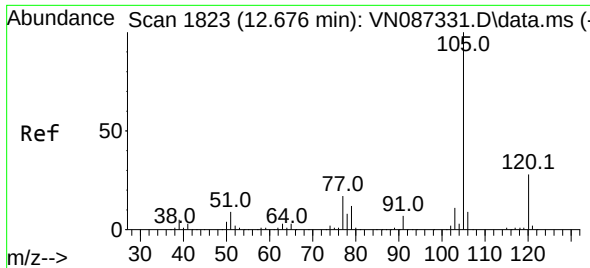
Delta R.T. -0.000 min

Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

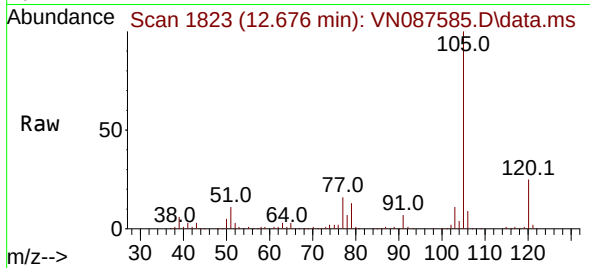
Tgt Ion:152	Resp: 233432
Ion Ratio	Lower Upper
152 100	
115 65.3	31.1 93.5
150 165.1	0.0 349.0





#73
Isopropylbenzene
Concen: 23.852 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

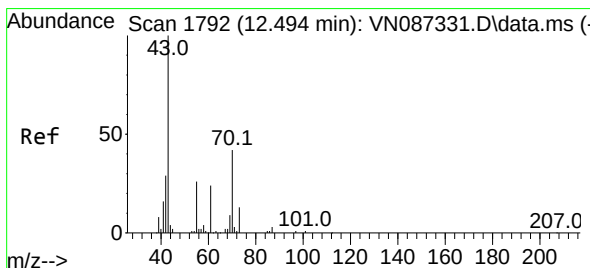
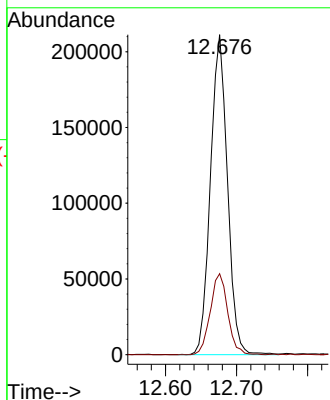
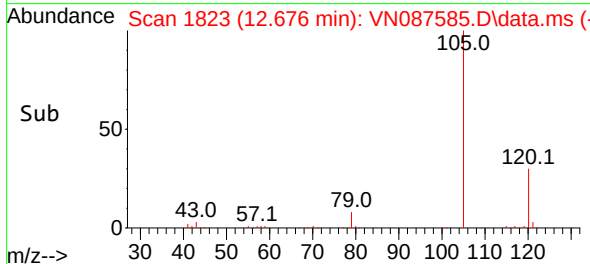
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion:105 Resp: 350424
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

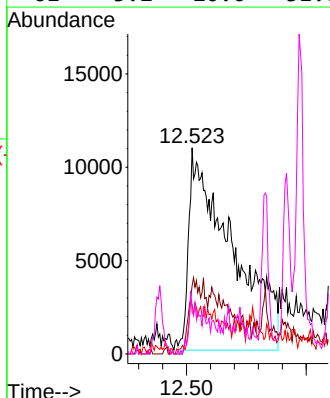
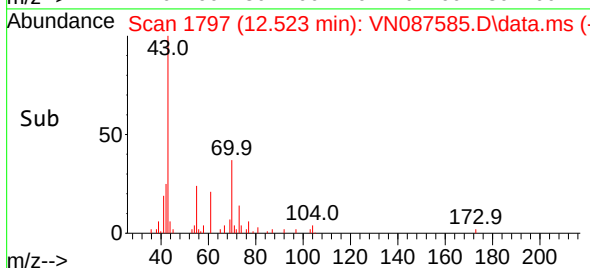
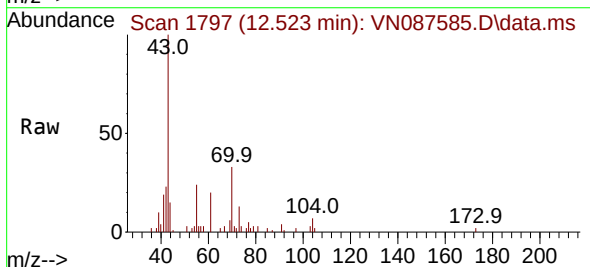
Manual Integrations
APPROVED

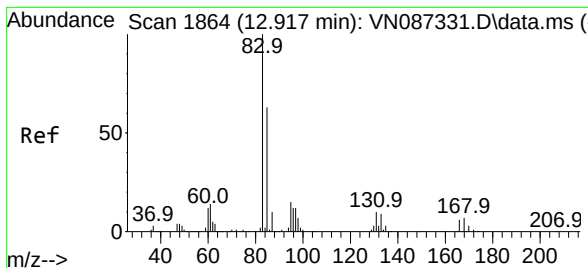
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#74
N-ethyl acetate
Concen: 21.933 ug/l m
RT: 12.523 min Scan# 1797
Delta R.T. 0.029 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

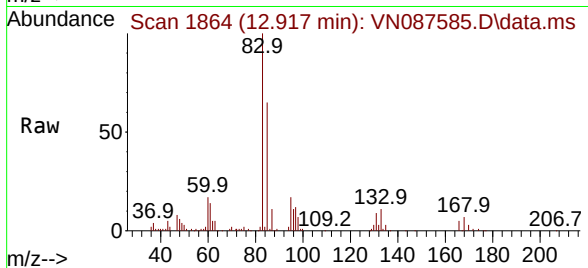
Tgt Ion: 43 Resp: 133882
Ion Ratio Lower Upper
43 100
70 9.2 37.6 56.4#
55 2.6 19.6 29.4#
61 3.2 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 22.392 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

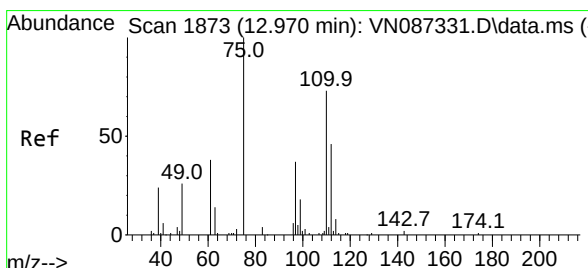
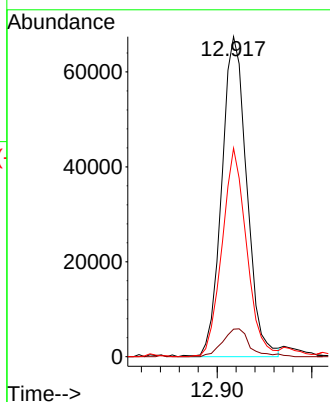
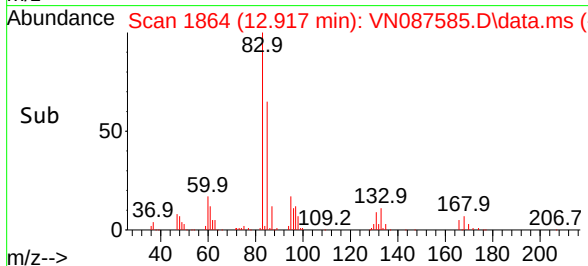
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



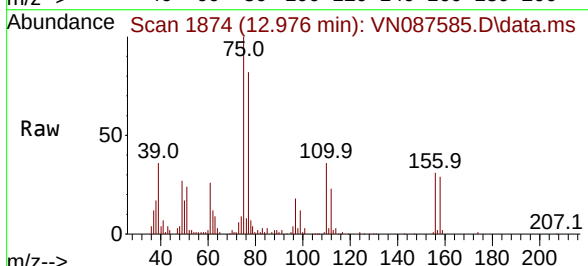
Tgt Ion: 83 Resp: 123789
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 63.8 32.5 97.4

Manual Integrations
APPROVED

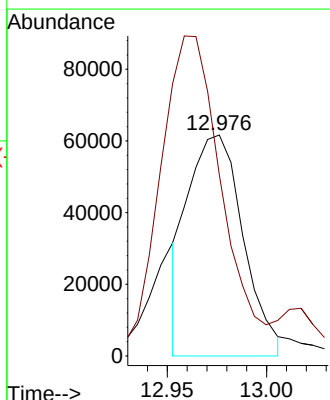
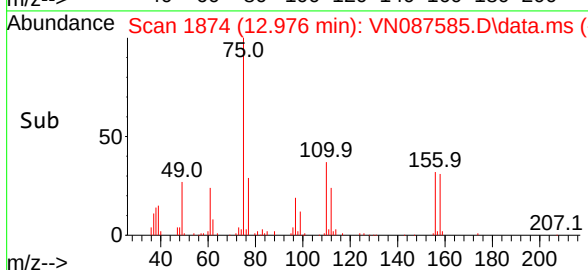
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

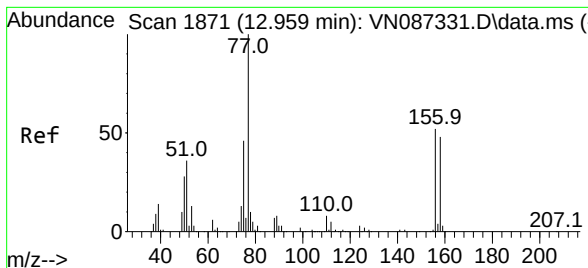


#76
1,2,3-Trichloropropane
Concen: 22.783 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24



Tgt Ion: 75 Resp: 119257
Ion Ratio Lower Upper
75 100
77 161.6 94.5 283.6





#77

Bromobenzene

Concen: 21.619 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBSD01

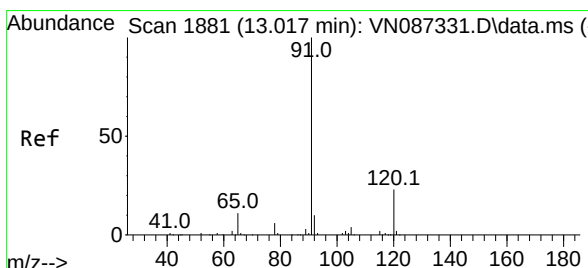
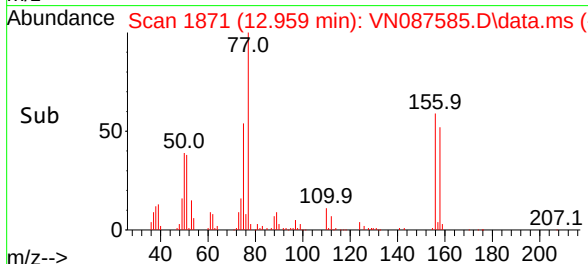
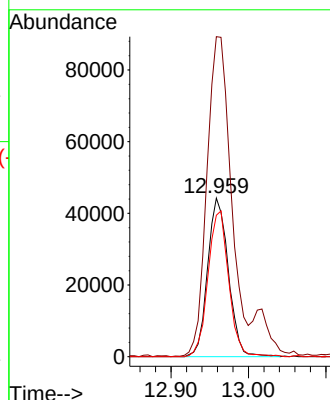
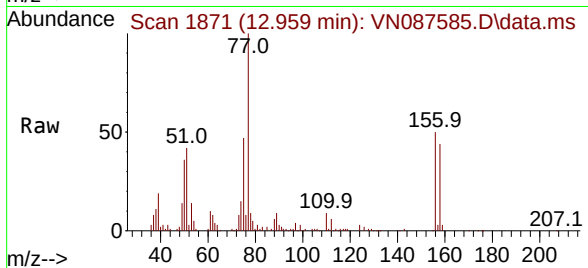
Tgt Ion:156 Resp: 82375
 Ion Ratio Lower Upper
 156 100
 77 234.0 114.9 344.6
 158 91.8 48.5 145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#78

n-propylbenzene

Concen: 23.575 ug/l

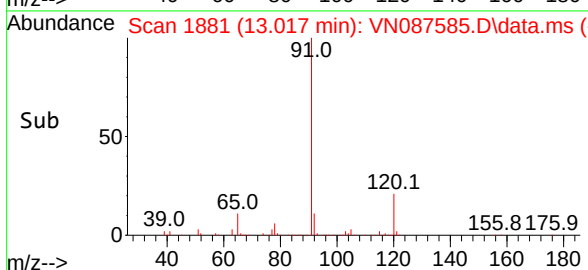
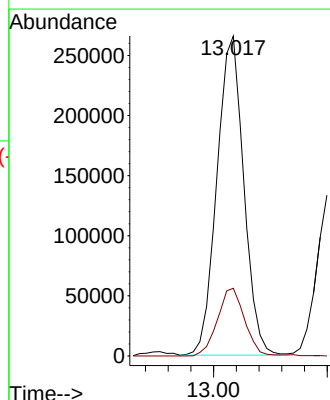
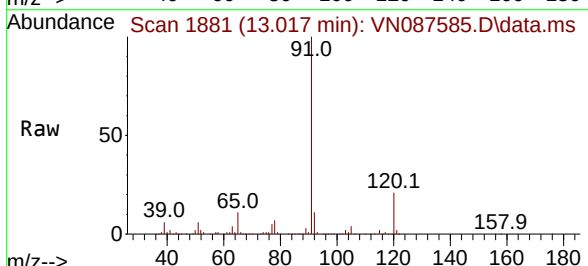
RT: 13.017 min Scan# 1881

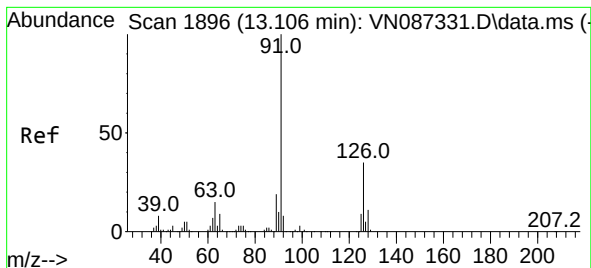
Delta R.T. -0.000 min

Lab File: VN087585.D

Acq: 15 Aug 2025 16:24

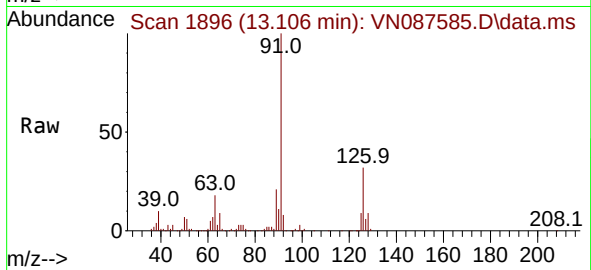
Tgt Ion: 91 Resp: 435772
 Ion Ratio Lower Upper
 91 100
 120 21.6 11.3 33.8





#79
2-Chlorotoluene
Concen: 22.522 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

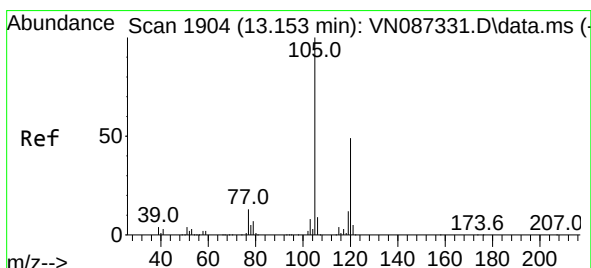
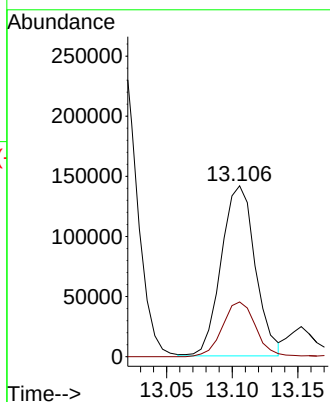
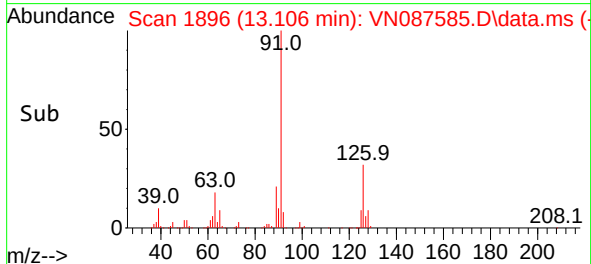
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



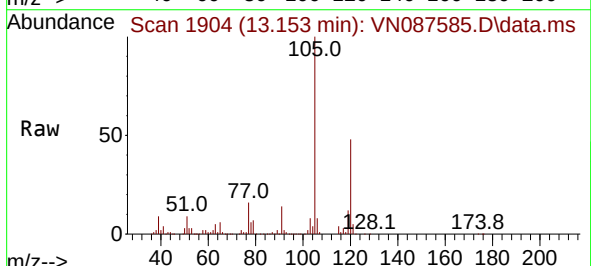
Tgt Ion: 91 Resp: 25585
Ion Ratio Lower Upper
91 100
126 31.6 16.9 50.6

Manual Integrations
APPROVED

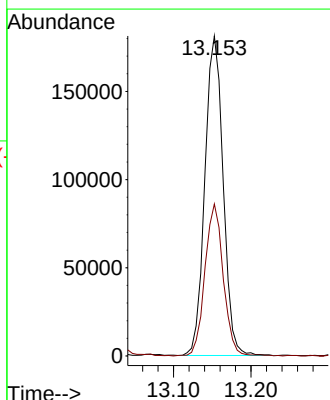
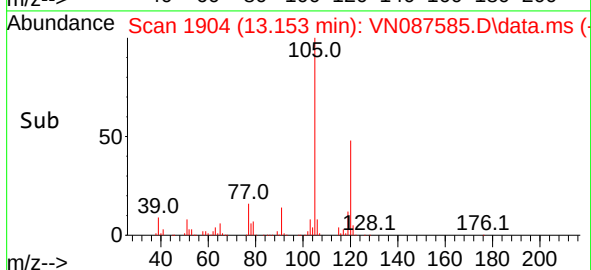
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

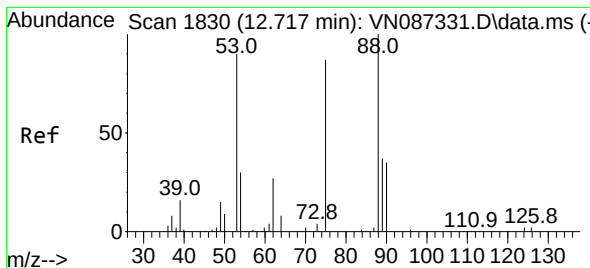


#80
1,3,5-Trimethylbenzene
Concen: 23.706 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24



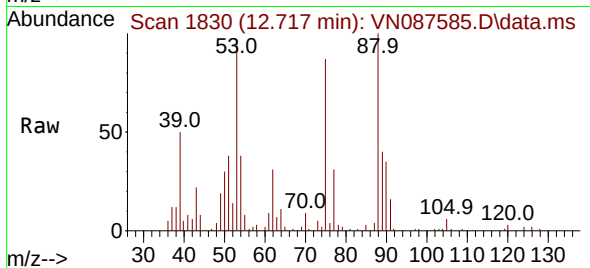
Tgt Ion:105 Resp: 296745
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.691 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

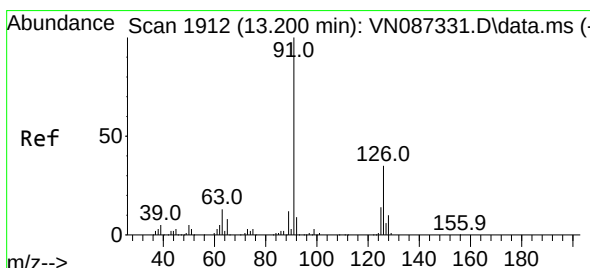
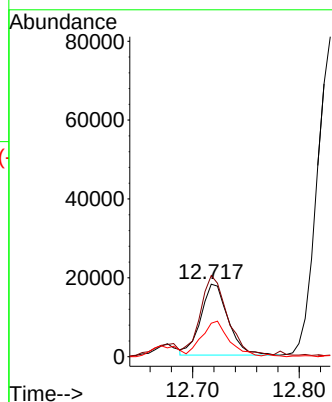
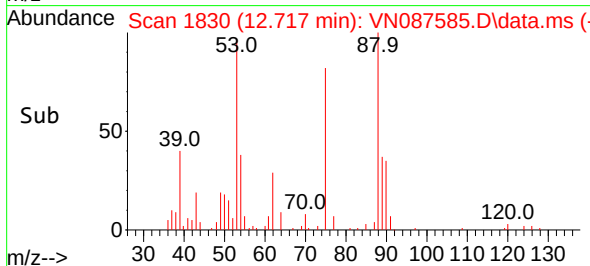
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion: 75 Resp: 31932
Ion Ratio Lower Upper
75 100
53 110.6 83.5 125.3
89 48.6 38.4 57.6

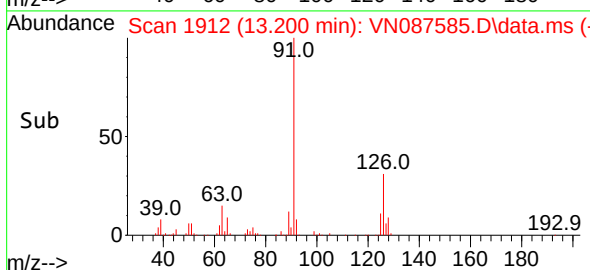
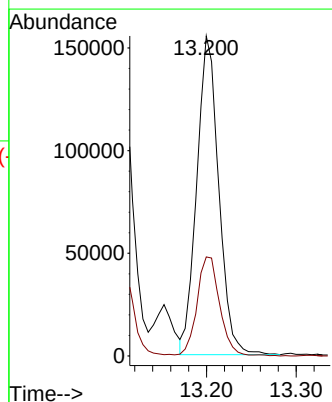
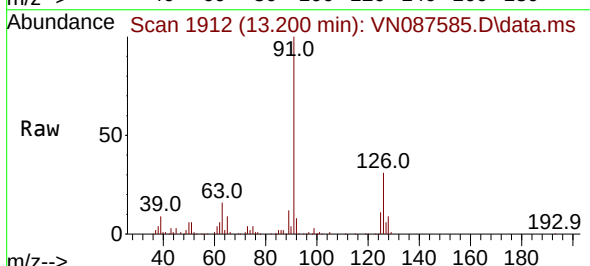
Manual Integrations
APPROVED

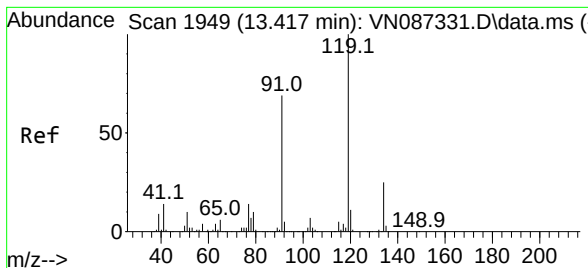
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 22.292 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

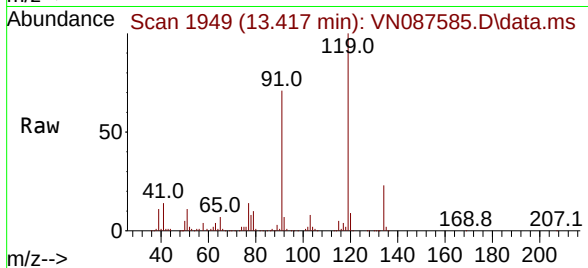
Tgt Ion: 91 Resp: 263657
Ion Ratio Lower Upper
91 100
126 32.3 16.6 49.7





#83
tert-Butylbenzene
Concen: 24.408 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

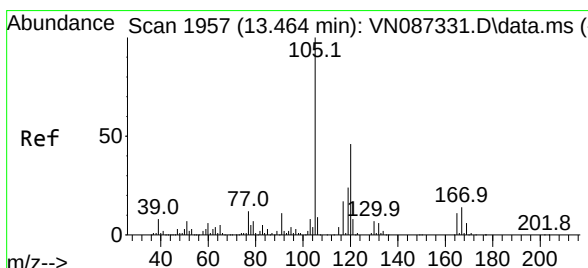
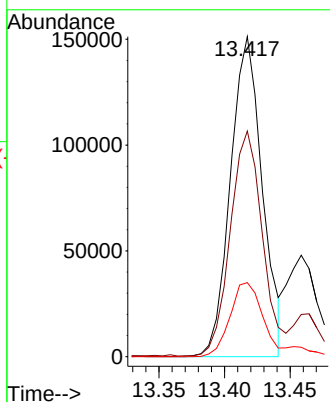
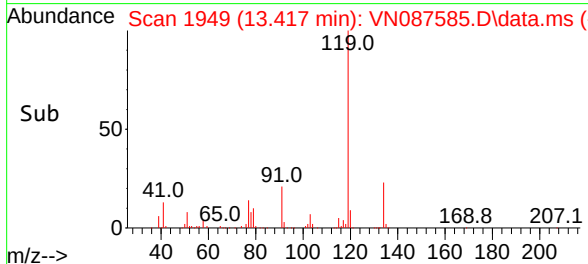
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



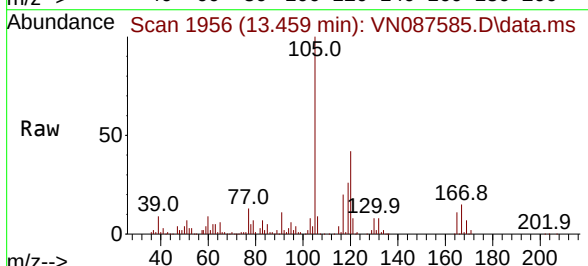
Tgt Ion:119 Resp: 25518
Ion Ratio Lower Upper
119 100
91 71.5 35.0 105.1
134 24.0 12.6 37.6

Manual Integrations
APPROVED

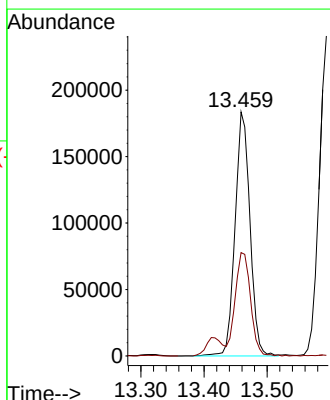
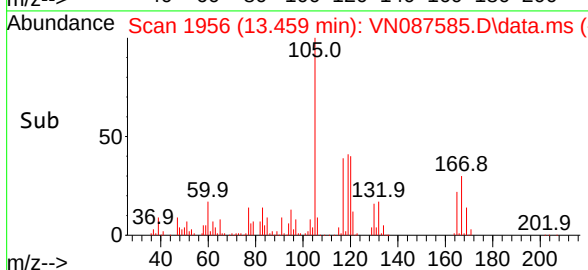
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

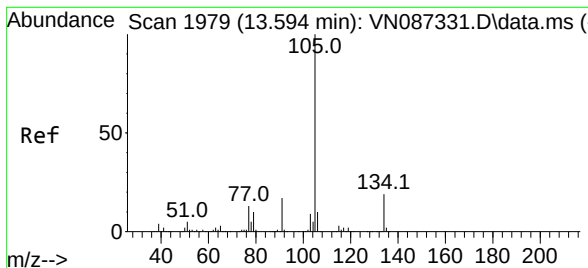


#84
1,2,4-Trimethylbenzene
Concen: 23.585 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24



Tgt Ion:105 Resp: 301493
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.3





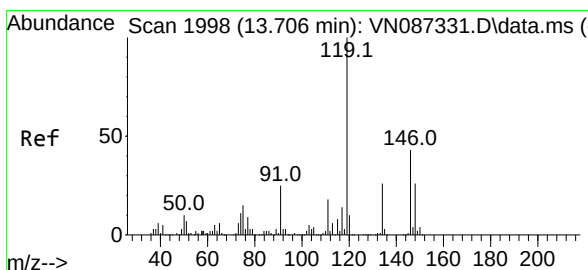
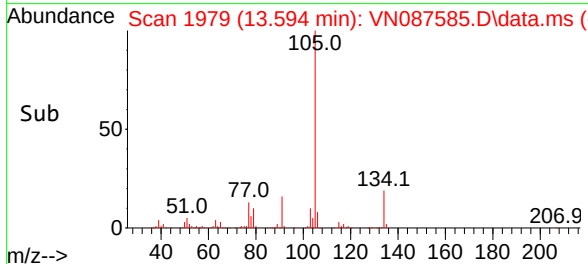
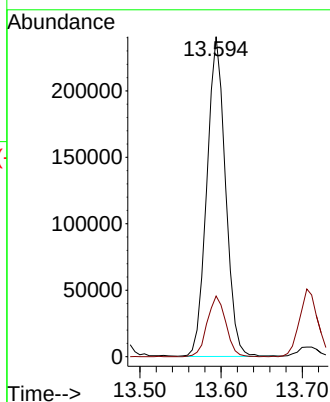
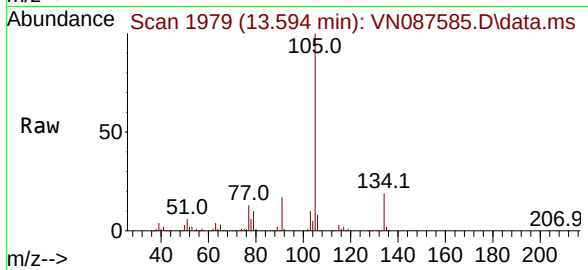
#85
 sec-Butylbenzene
 Concen: 24.346 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087585.D
 Acq: 15 Aug 2025 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBSD01

Tgt Ion:105 Resp: 38339
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

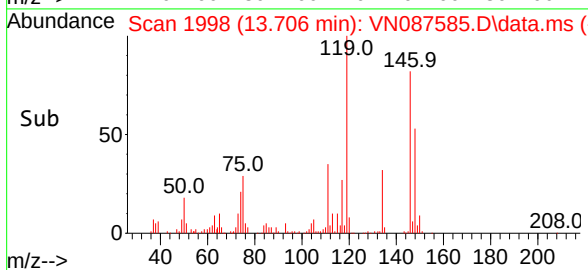
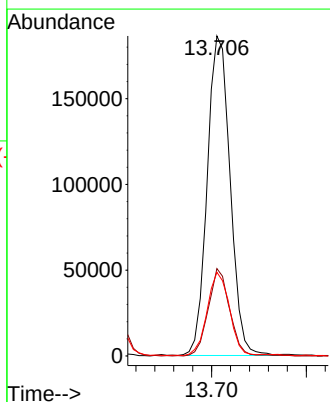
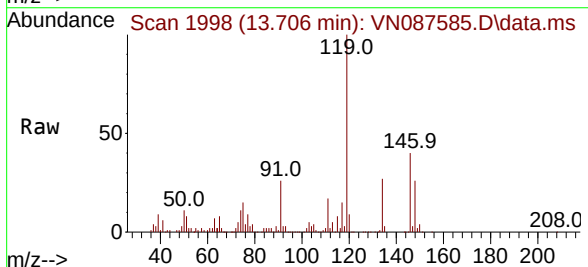
Manual Integrations
 APPROVED

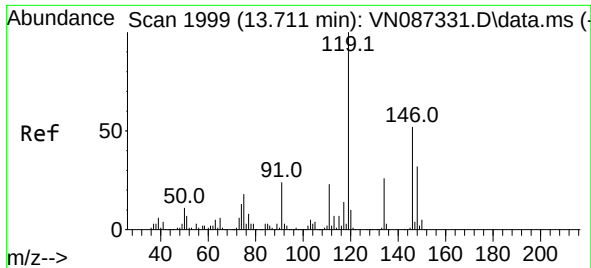
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#86
 p-Isopropyltoluene
 Concen: 24.856 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087585.D
 Acq: 15 Aug 2025 16:24

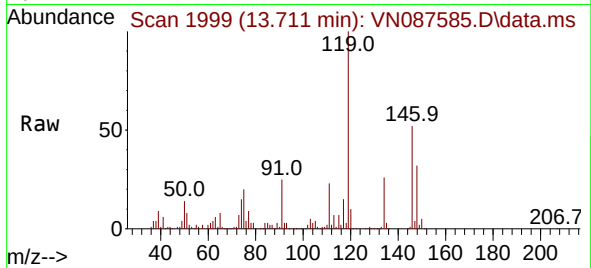
Tgt Ion:119 Resp: 313687
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.5
 91 25.0 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 21.014 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

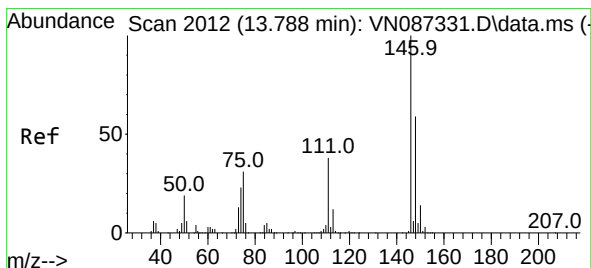
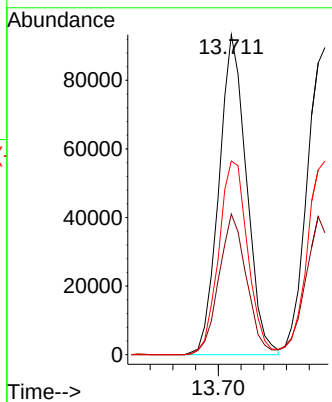
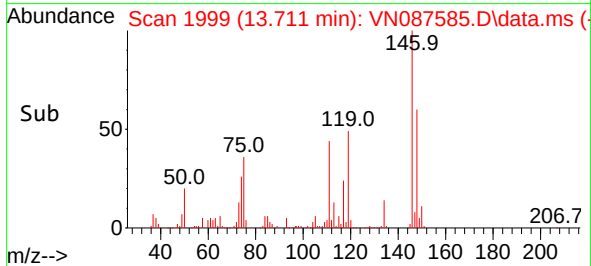
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



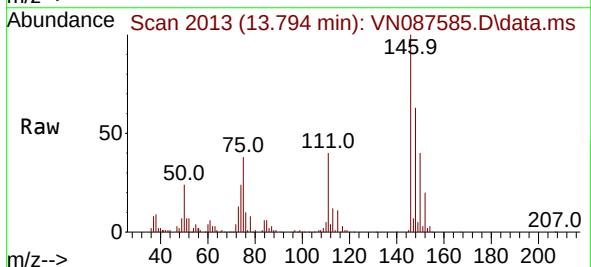
Tgt Ion:146 Resp: 15714
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.3
148 63.9 31.6 95.0

Manual Integrations
APPROVED

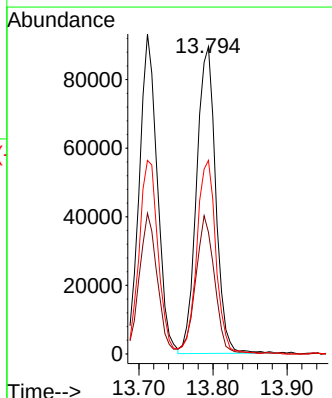
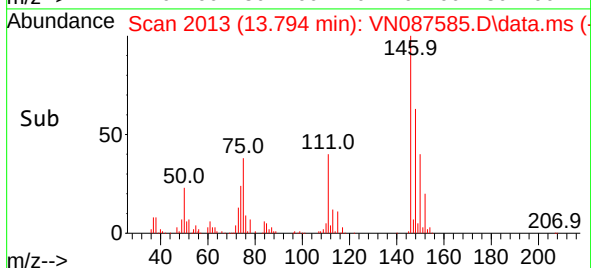
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

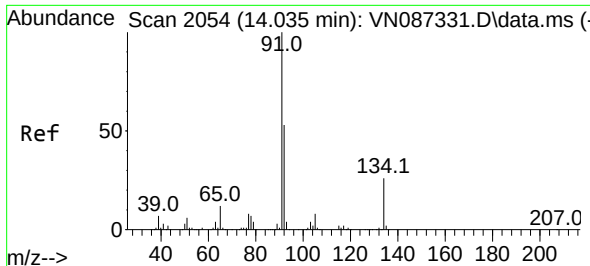


#88
1,4-Dichlorobenzene
Concen: 20.086 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24



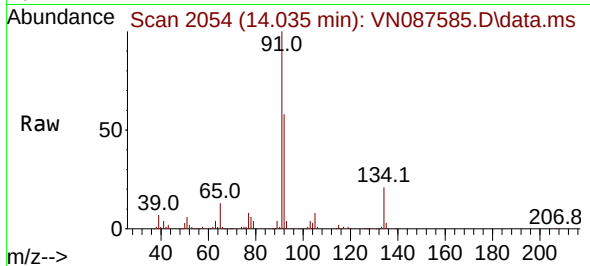
Tgt Ion:146 Resp: 160420
Ion Ratio Lower Upper
146 100
111 43.8 19.6 58.7
148 62.9 31.4 94.0





#89
n-Butylbenzene
Concen: 24.642 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

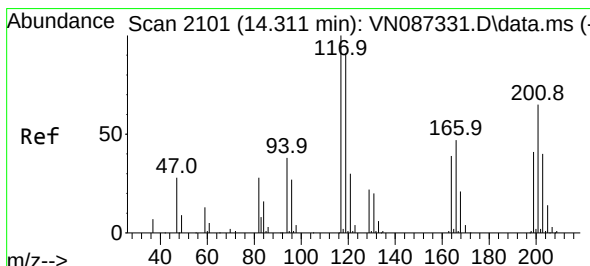
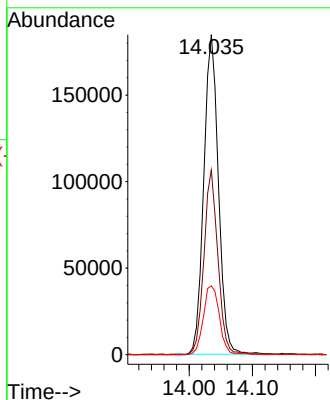
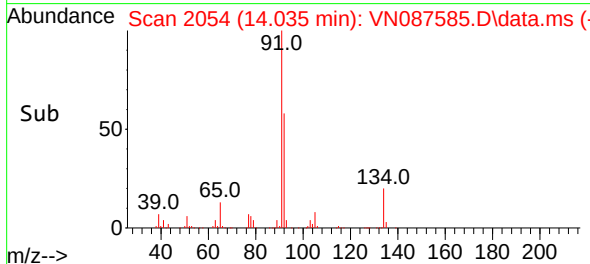
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion: 91 Resp: 29695
Ion Ratio Lower Upper
91 100
92 55.3 26.2 78.6
134 23.7 12.4 37.2

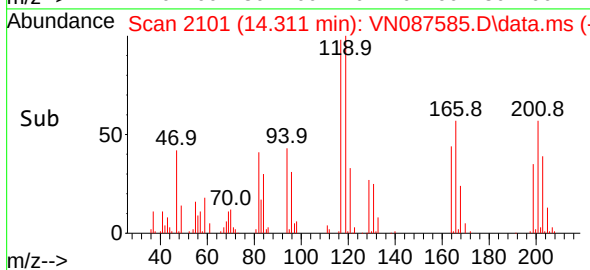
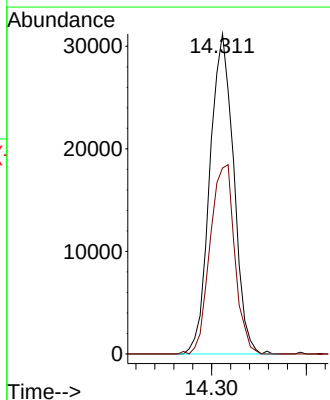
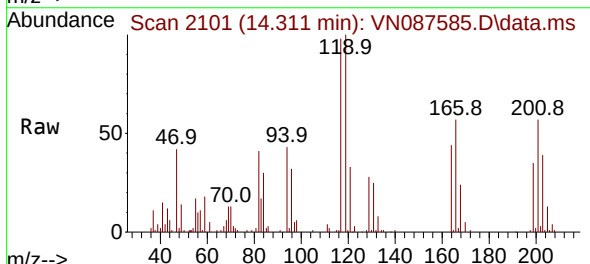
Manual Integrations
APPROVED

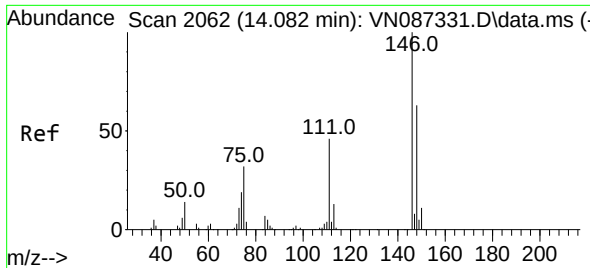
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 20.379 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Tgt Ion:117 Resp: 54492
Ion Ratio Lower Upper
117 100
201 61.1 32.8 98.4





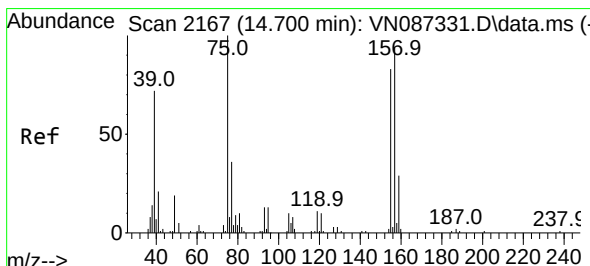
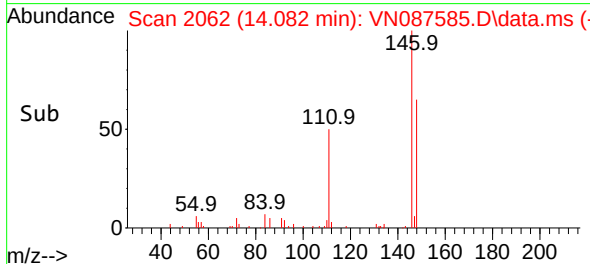
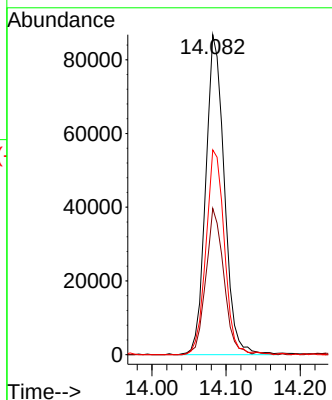
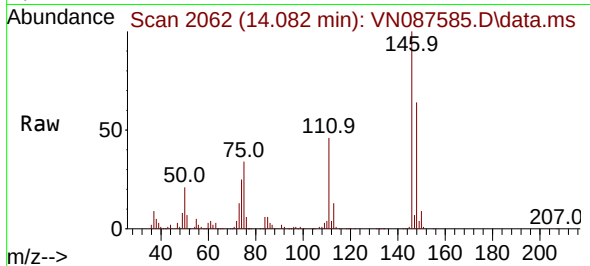
#91
1,2-Dichlorobenzene
Concen: 21.371 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01

Tgt Ion:146 Resp: 151398
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 63.5 32.7 98.1

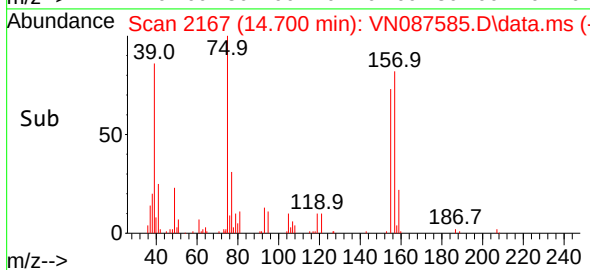
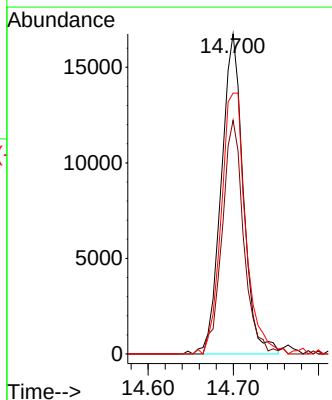
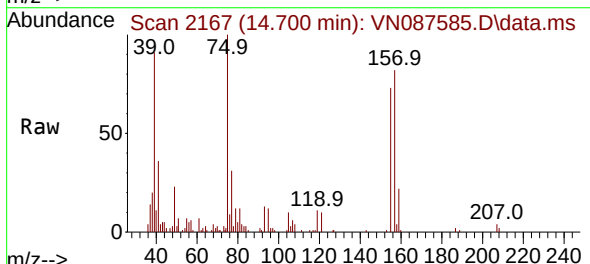
Manual Integrations
APPROVED

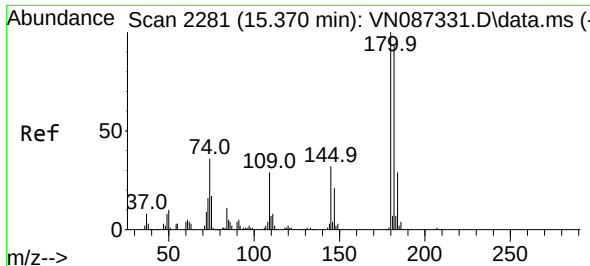
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.770 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

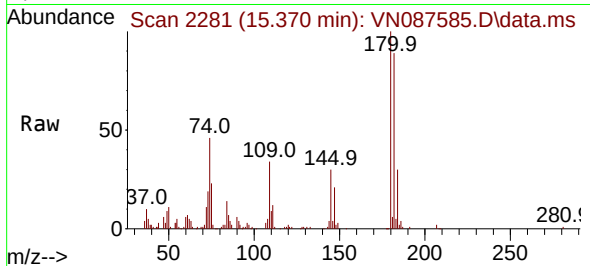
Tgt Ion: 75 Resp: 30146
Ion Ratio Lower Upper
75 100
155 71.3 37.3 111.8
157 90.2 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 22.070 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

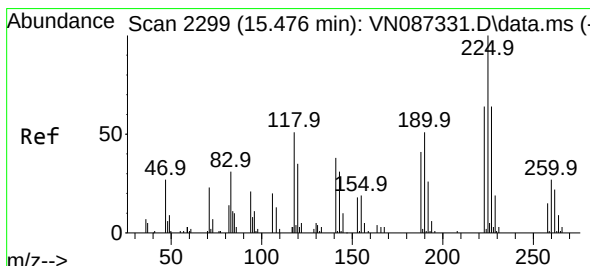
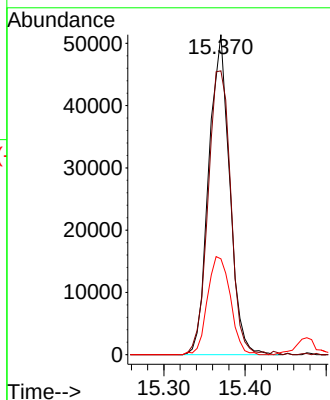
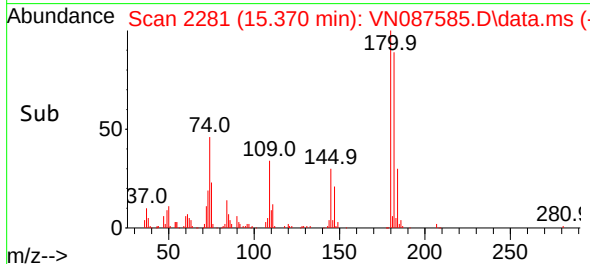
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



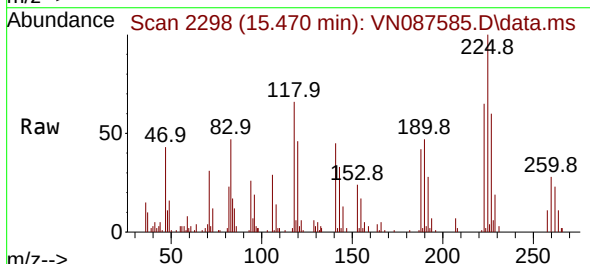
Tgt Ion:180 Resp: 91840
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.8
145 33.7 15.4 46.4

Manual Integrations
APPROVED

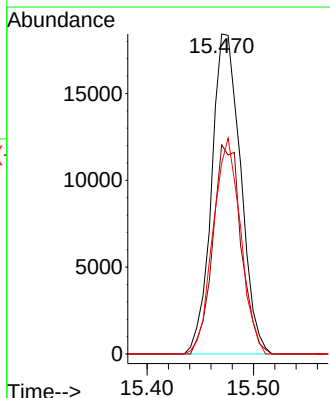
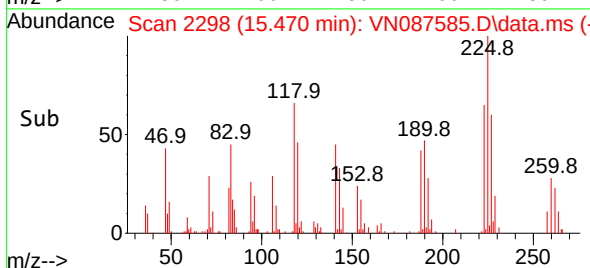
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

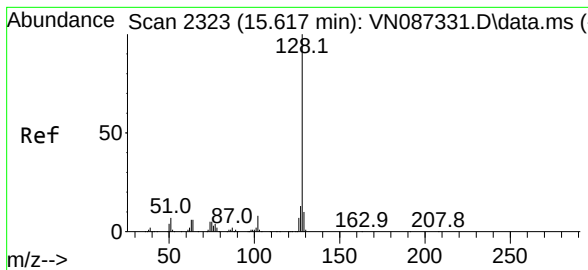


#94
Hexachlorobutadiene
Concen: 22.534 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24



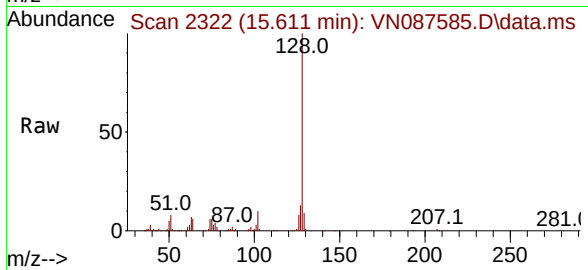
Tgt Ion:225 Resp: 34843
Ion Ratio Lower Upper
225 100
223 64.0 32.1 96.3
227 64.0 31.3 93.9





#95
Naphthalene
Concen: 23.235 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

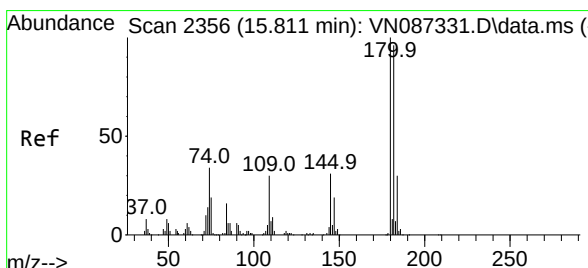
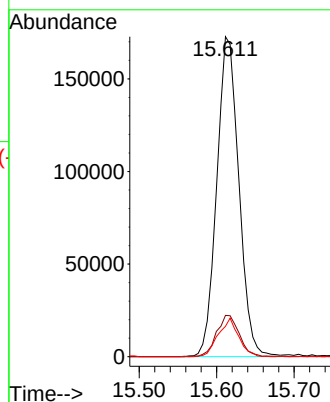
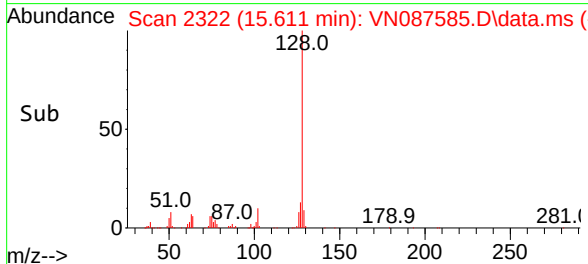
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBSD01



Tgt Ion:128 Resp: 342540
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.965 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087585.D
Acq: 15 Aug 2025 16:24

Tgt Ion:180 Resp: 87514
Ion Ratio Lower Upper
180 100
182 96.3 47.1 141.4
145 36.6 16.9 50.6

