

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087449.D
 Acq On : 05 Aug 2025 11:21
 Operator : JC\MD
 Sample : VN0805WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS01

Quant Time: Aug 06 02:09:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	78138	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	387502	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	347352	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	196161	27.218	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	90.733%#
60) 4-Bromofluorobenzene	12.829	95	179814	30.081	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.267%
63) Toluene-d8	10.547	98	472449	29.560	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.533%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	68524	13.432	ug/l	92
3) Chloromethane	2.389	50	64272	12.279	ug/l	99
4) Vinyl Chloride	2.542	62	71462	12.873	ug/l	93
6) Chloroethane	3.136	64	46550	13.003	ug/l	96
7) Trichlorofluoromethane	3.518	101	105702	13.230	ug/l	90
8) Diethyl Ether	3.959	74	48437	14.552	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	57230	14.047	ug/l	85
10) 1,1-Dichloroethene	4.336	96	59512	13.906	ug/l	95
11) Methyl Iodide	4.577	142	37209	11.042	ug/l	96
12) Methyl Acetate	5.012	43	134700	17.056	ug/l	99
13) Acrolein	4.177	56	62223	51.586	ug/l	97
14) Acrylonitrile	5.712	53	255217	74.008	ug/l	98
15) Acetone	4.424	58	68216	69.232	ug/l	95
16) Carbon Disulfide	4.706	76	157704	11.880	ug/l	96
17) Allyl chloride	5.018	41	123276	14.133	ug/l	95
18) Methylene Chloride	5.271	84	77635	14.092	ug/l	89
19) trans-1,2-Dichloroethene	5.771	96	64556	12.685	ug/l	92
20) Diisopropyl ether	6.659	45	280559	14.119	ug/l	100
21) 1,1-Dichloroethane	6.559	63	149612	14.566	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	89426	14.281	ug/l	99
23) tert-Butyl Alcohol	5.518	59	108271	73.887	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	281200	14.420	ug/l	99
25) Chloroform	7.947	83	154008	14.364	ug/l	93
26) Cyclohexane	8.235	56	108010	13.134	ug/l	99
29) 1,1-Dichloropropene	8.353	75	95689	15.140	ug/l	98
30) 2-Butanone	7.471	43	368762	79.155	ug/l	99
31) 2,2-Dichloropropane	7.477	77	131121	16.086	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	127276	15.790	ug/l	95
33) Carbon Tetrachloride	8.341	117	105721	15.788	ug/l	98
34) Benzene	8.588	78	303101	15.192	ug/l	97
35) Methacrylonitrile	7.759	41	84481	16.804	ug/l	94
36) 1,2-Dichloroethane	8.653	62	128345	15.917	ug/l	98
37) Trichloroethene	9.329	130	68343	15.551	ug/l	90
38) Methylcyclohexane	9.582	83	110553	15.078	ug/l	99
39) 1,2-Dichloropropane	9.600	63	81132	15.861	ug/l	99
40) Dibromomethane	9.694	93	61946	16.141	ug/l	97
41) Bromodichloromethane	9.871	83	128837	16.155	ug/l	95
42) Vinyl Acetate	6.588	43	1205017	78.544	ug/l	99
43) Ethyl Acetate	7.547	43	148799	16.533	ug/l	97

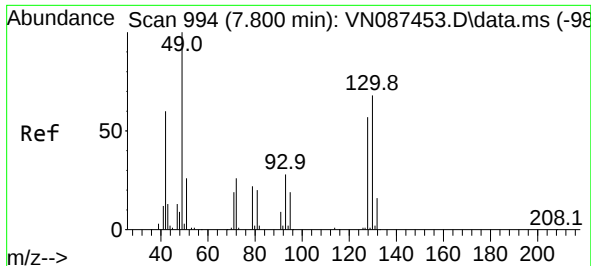
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.677	43	248147	16.265	ug/l	98
45) 1,4-Dioxane	9.682	88	32572	334.906	ug/l	97
46) Methyl methacrylate	9.659	41	111662	15.506	ug/l	96
47) n-amyl Acetate	12.517	43	12733	1.511	ug/l #	1
48) t-1,3-Dichloropropene	10.818	75	137216	15.815	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	140340	16.073	ug/l	99
50) 1,1,2-Trichloroethane	11.000	97	79236	16.340	ug/l	98
51) Ethyl methacrylate	10.859	69	138713	16.243	ug/l	98
52) 1,3-Dichloropropane	11.141	76	147055	16.833	ug/l	99
53) Dibromochloromethane	11.341	129	91919	16.414	ug/l	97
54) 1,2-Dibromoethane	11.447	107	82931	16.111	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	403275	89.702	ug/l	100
56) Bromoform	12.559	173	57890	15.629	ug/l #	98
58) 4-Methyl-2-Pentanone	10.424	43	750610	84.003	ug/l	99
59) 2-Hexanone	11.176	43	491160	80.899	ug/l	99
61) Tetrachloroethene	11.082	164	53450	15.795	ug/l	98
62) Toluene	10.612	91	334708	15.612	ug/l	99
64) Chlorobenzene	11.870	112	211384	16.046	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	76298	16.473	ug/l	98
66) Ethyl Benzene	11.941	91	374218	15.661	ug/l	98
67) m/p-Xylenes	12.053	106	275843	31.449	ug/l	98
68) o-Xylene	12.376	106	134500	15.587	ug/l	99
69) Styrene	12.388	104	227083	15.412	ug/l	96
70) Isopropylbenzene	12.676	105	348898	15.915	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	126729	16.872	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	168755	24.117	ug/l	52
73) Bromobenzene	12.959	156	81330	16.003	ug/l	99
74) n-propylbenzene	13.012	91	430433	15.721	ug/l	98
75) 2-Chlorotoluene	13.106	91	269013	15.973	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	290403	15.471	ug/l	99
77) t-1,4-Dichloro-2-butene	12.723	75	39463	14.898	ug/l	88
78) 4-Chlorotoluene	13.200	91	278069	16.293	ug/l	96
79) tert-butylbenzene	13.417	119	256159	16.186	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	294348	15.693	ug/l	100
81) sec-Butylbenzene	13.594	105	381757	16.570	ug/l	99
82) p-Isopropyltoluene	13.706	119	309733	16.192	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	154066	15.920	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	163082	16.622	ug/l	99
85) n-Butylbenzene	14.035	91	308662	16.492	ug/l	98
86) Hexachloroethane	14.311	117	61287	16.406	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	153193	16.584	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	31301	16.450	ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	90191	16.337	ug/l	99
90) Hexachlorobutadiene	15.470	225	35648	16.606	ug/l	96
91) Naphthalene	15.611	128	344262	16.354	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	90191	16.337	ug/l	99

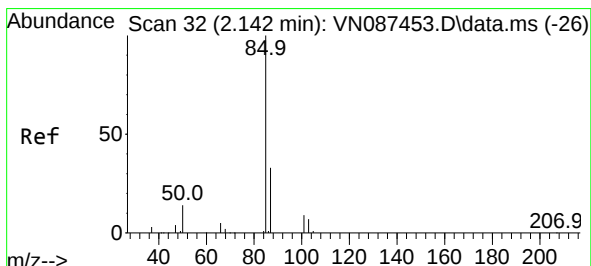
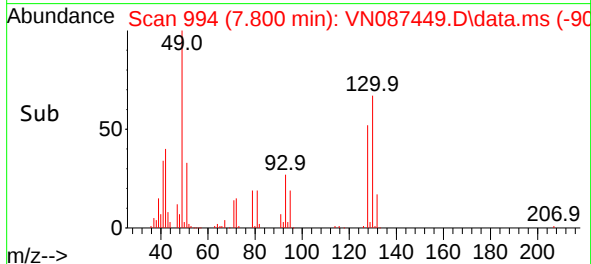
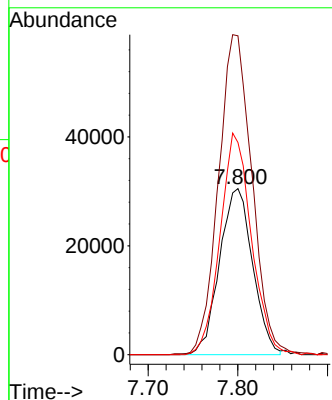
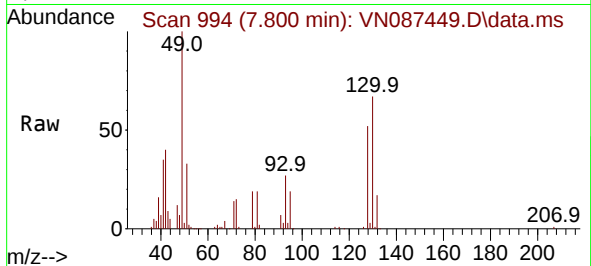
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087449.D
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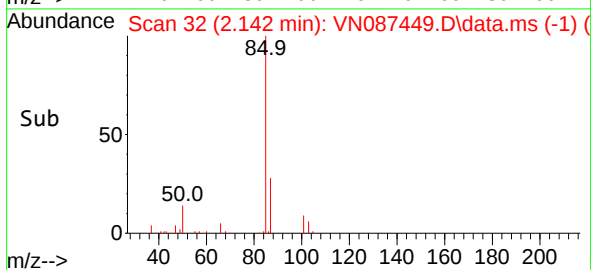
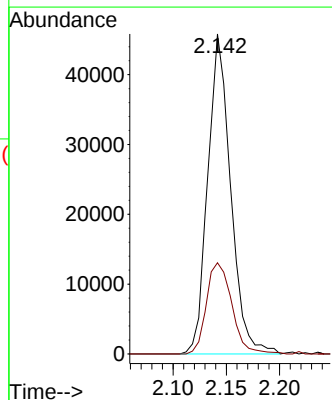
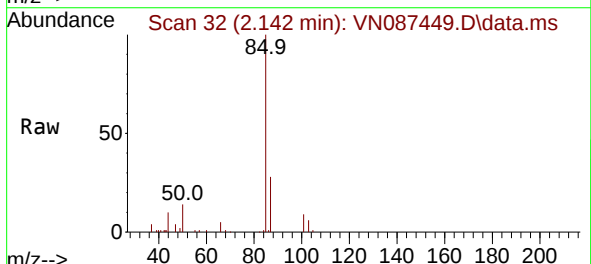
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

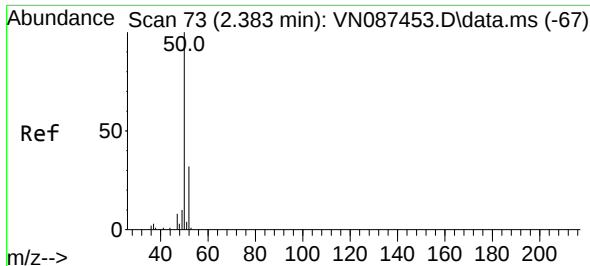
Tgt Ion:128 Resp: 78138
Ion Ratio Lower Upper
128 100
49 195.1 0.0 494.8
130 126.8 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 13.432 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 85 Resp: 68524
Ion Ratio Lower Upper
85 100
87 28.5 16.4 49.2

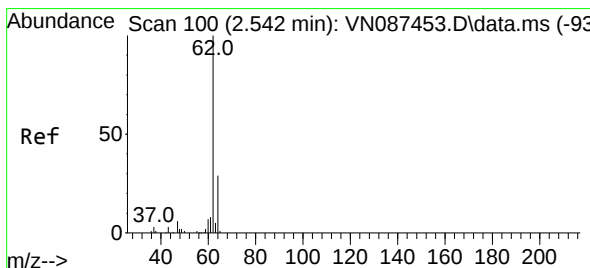
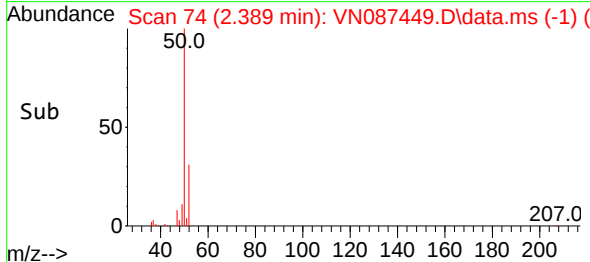
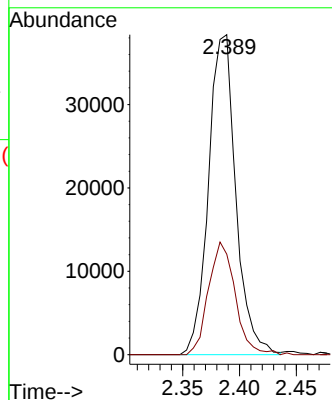
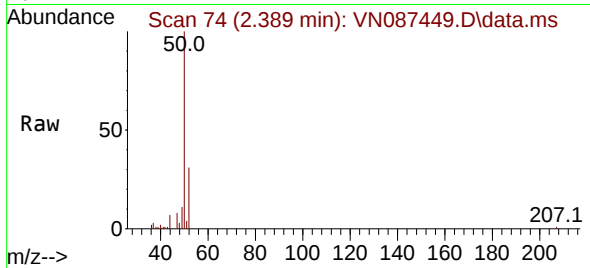




#3
Chloromethane
Concen: 12.279 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

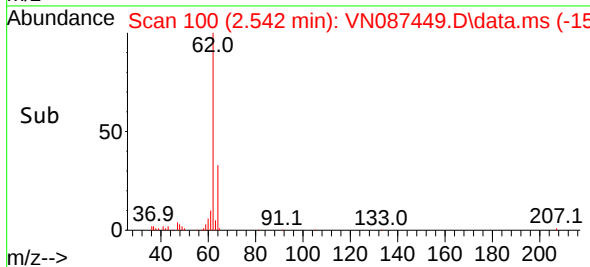
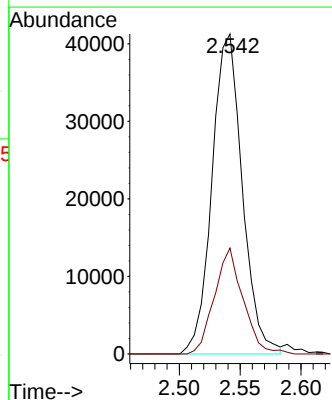
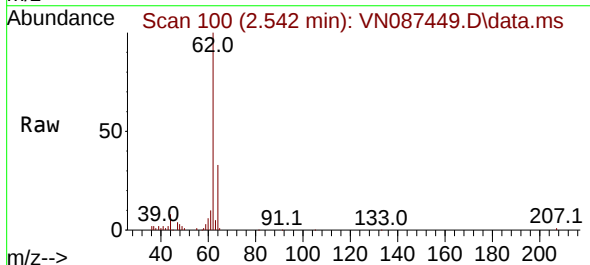
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ClientSampleId :
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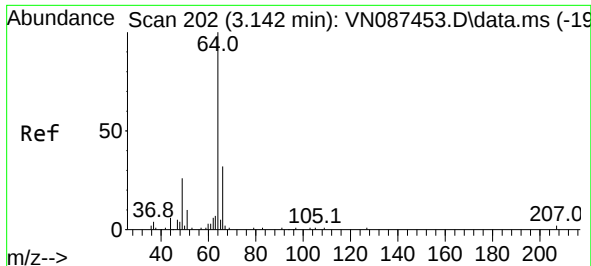
Tgt Ion: 50 Resp: 64272
Ion Ratio Lower Upper
50 100
52 31.4 25.8 38.6



#4
Vinyl Chloride
Concen: 12.873 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 62 Resp: 71462
Ion Ratio Lower Upper
62 100
64 33.1 23.4 35.2

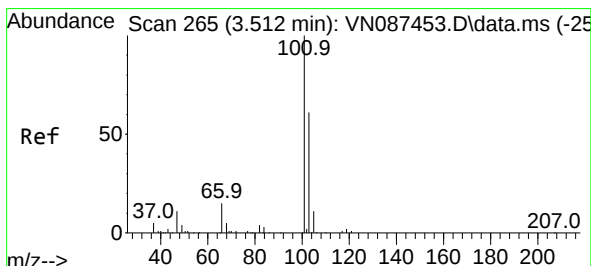
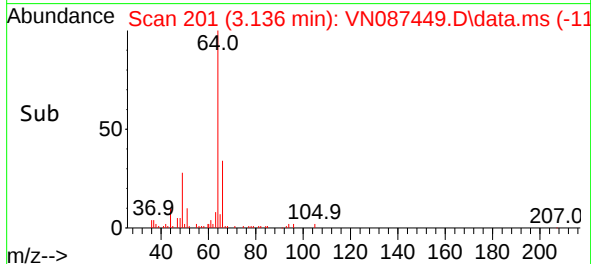
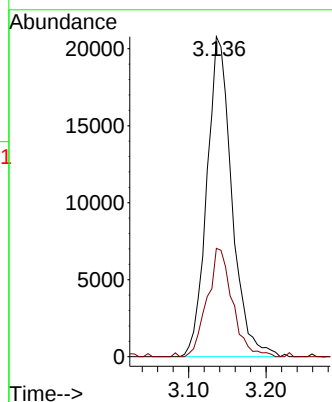
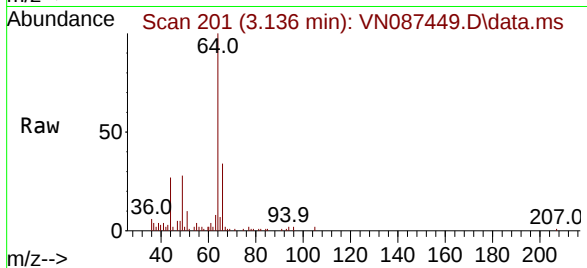




#6
Chloroethane
Concen: 13.003 ug/l
RT: 3.136 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

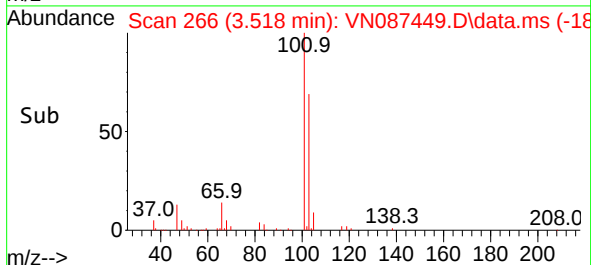
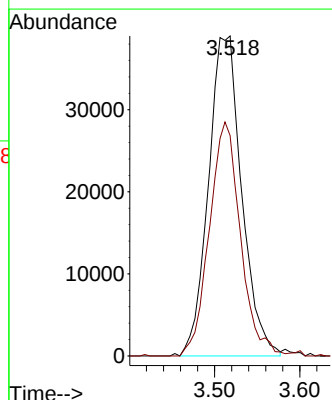
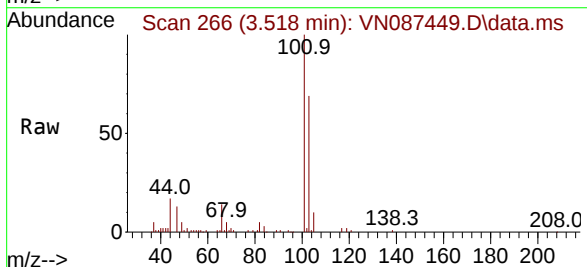
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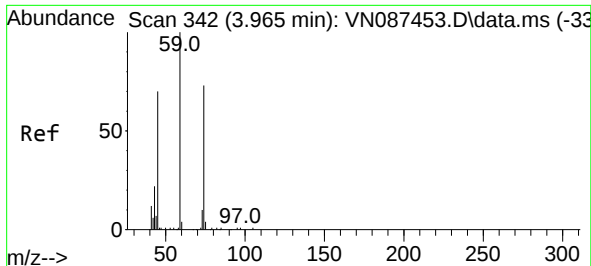
Tgt Ion: 64 Resp: 46550
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.0



#7
Trichlorofluoromethane
Concen: 13.230 ug/l
RT: 3.518 min Scan# 266
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:101 Resp: 105702
Ion Ratio Lower Upper
101 100
103 68.9 49.2 73.8

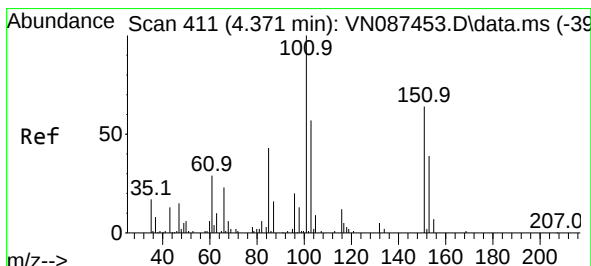
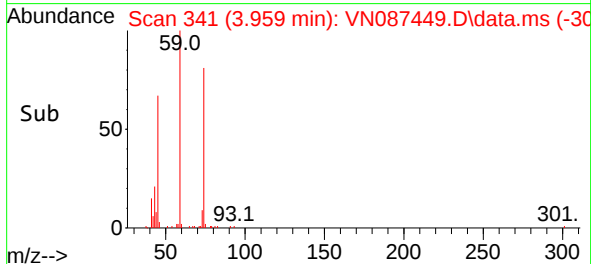
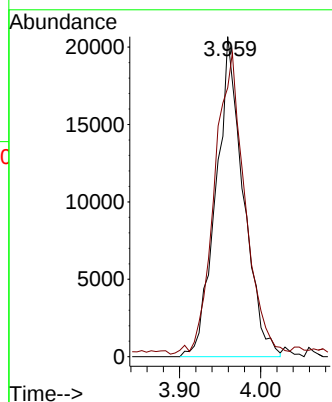
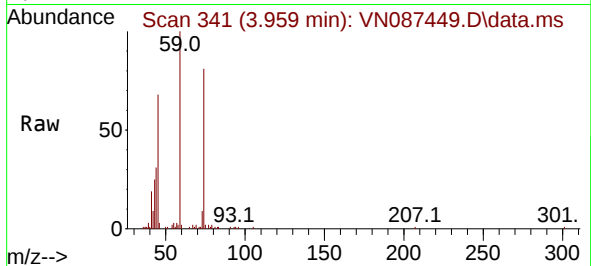




#8
Diethyl Ether
Concen: 14.552 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

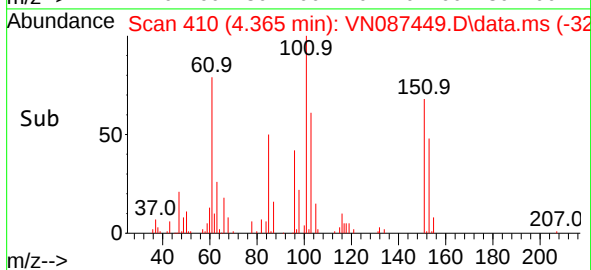
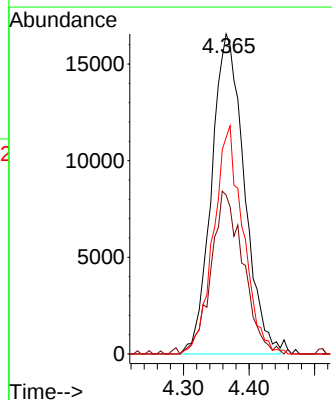
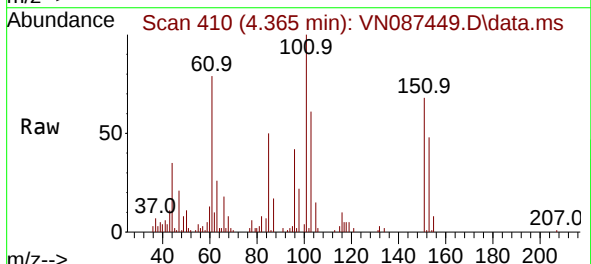
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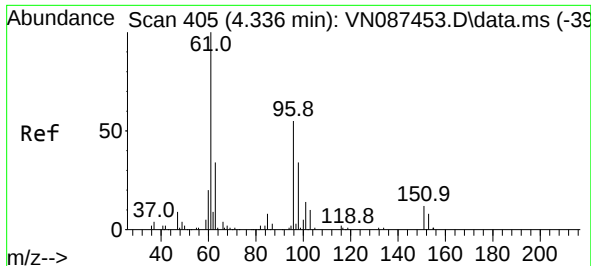
Tgt Ion: 74 Resp: 48437
Ion Ratio Lower Upper
74 100
45 102.2 20.1 180.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.047 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 101 Resp: 57230
Ion Ratio Lower Upper
101 100
85 49.5 0.0 57.0
151 64.0 0.0 134.2

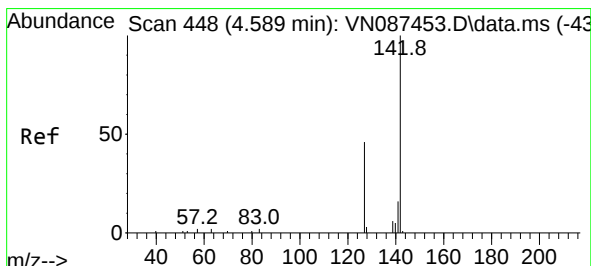
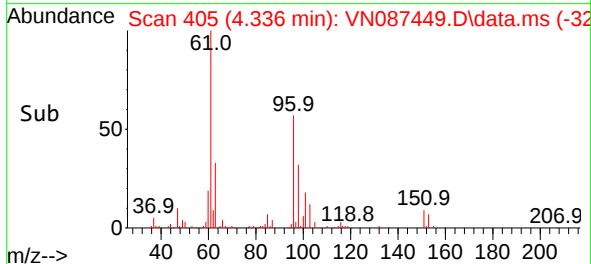
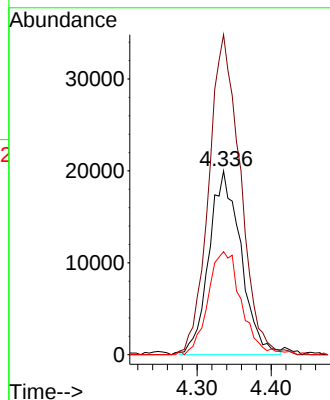
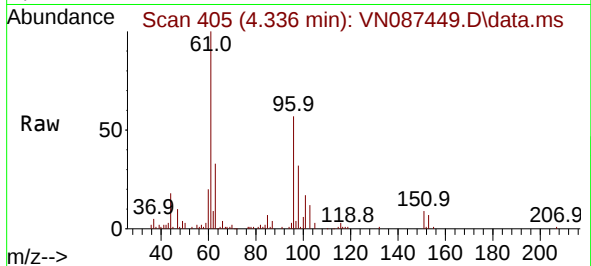




#10
1,1-Dichloroethene
Concen: 13.906 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

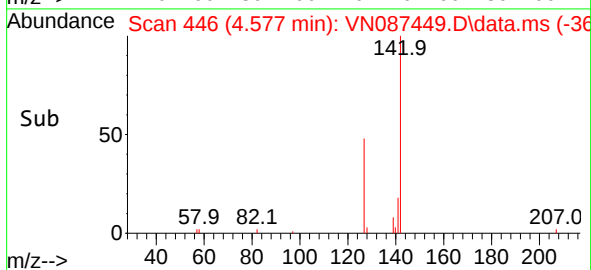
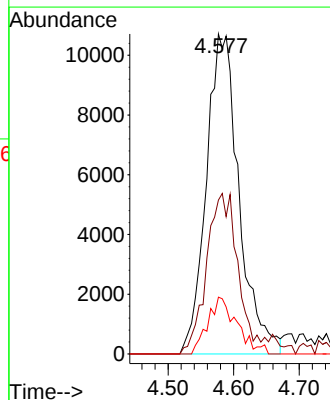
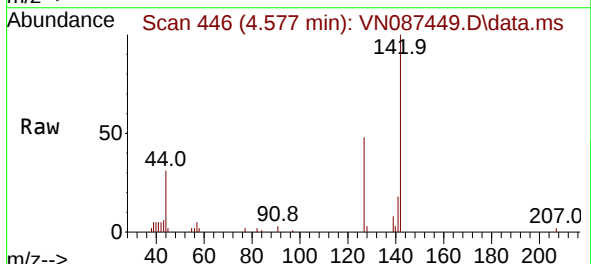
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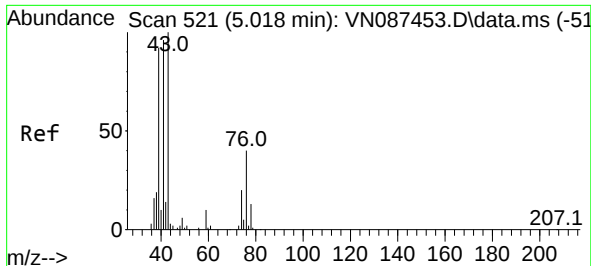
Tgt Ion: 96 Resp: 59512
Ion Ratio Lower Upper
96 100
61 174.4 144.2 216.4
98 55.1 49.7 74.5



#11
Methyl Iodide
Concen: 11.042 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 142 Resp: 37209
Ion Ratio Lower Upper
142 100
127 48.0 22.9 68.7
141 18.2 7.7 23.1

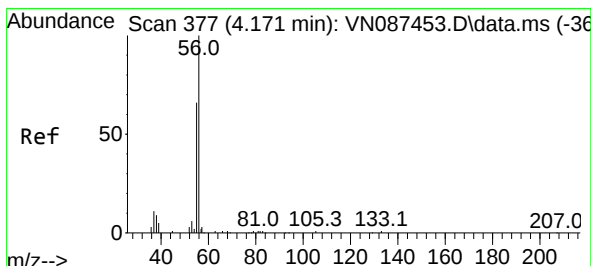
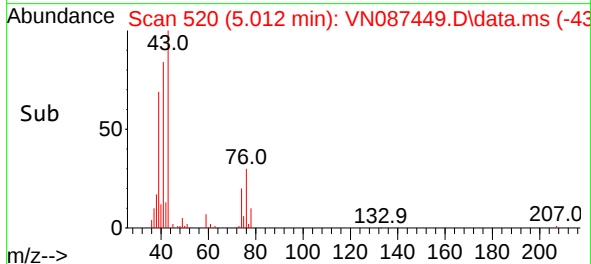
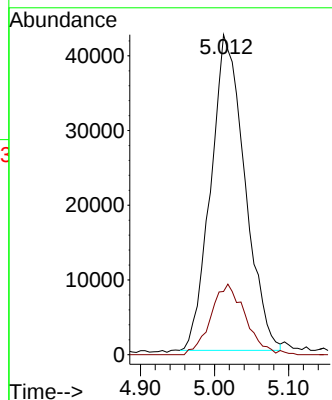
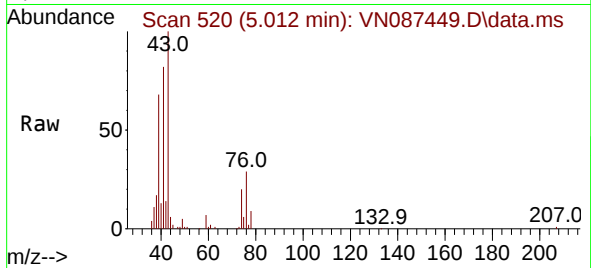




#12
Methyl Acetate
Concen: 17.056 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

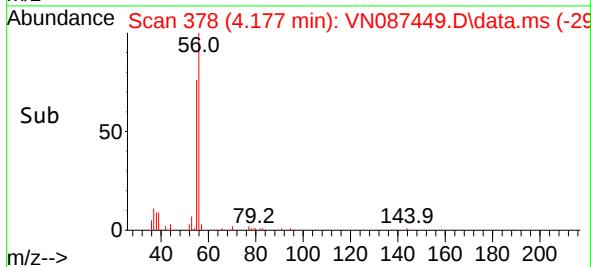
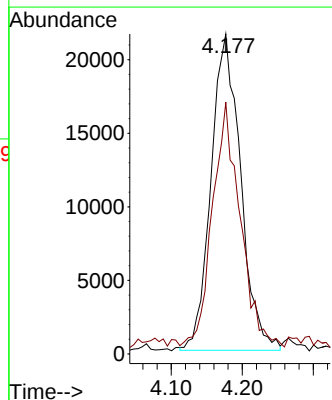
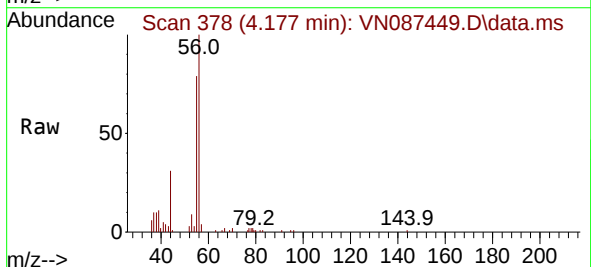
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

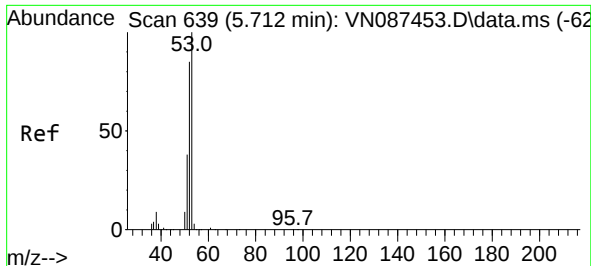
Tgt Ion: 43 Resp: 134700
Ion Ratio Lower Upper
43 100
74 19.6 16.0 24.0



#13
Acrolein
Concen: 51.586 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 56 Resp: 62223
Ion Ratio Lower Upper
56 100
55 73.8 57.4 86.0

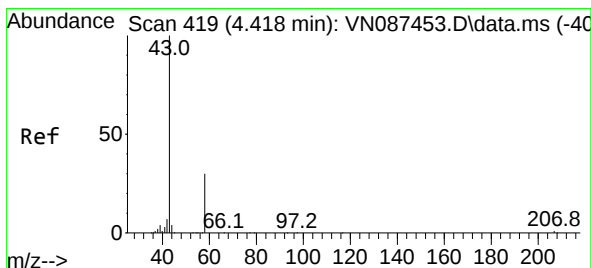
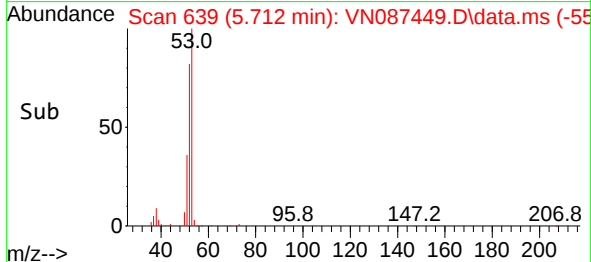
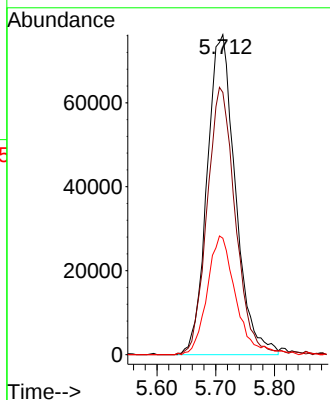
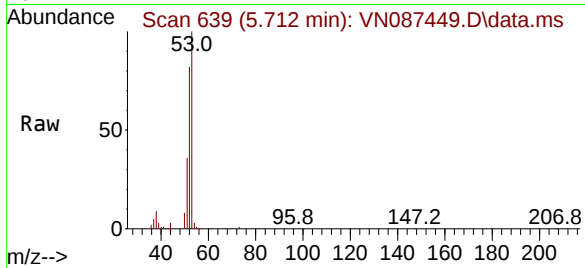




#14
Acrylonitrile
Concen: 74.008 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

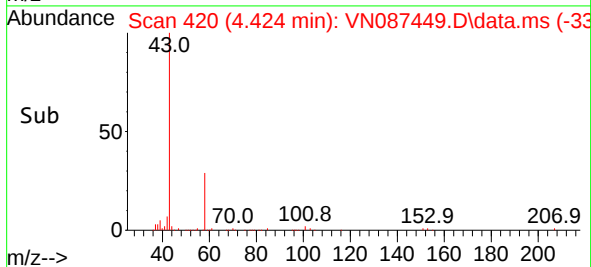
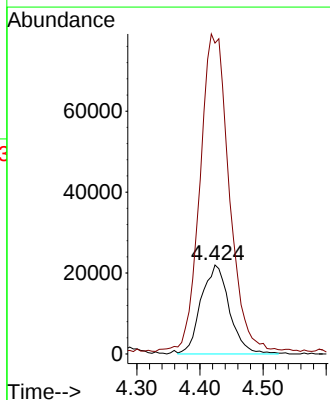
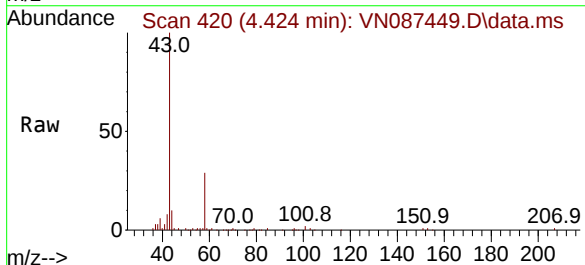
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

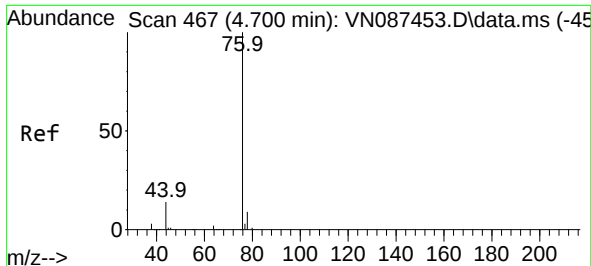
Tgt Ion: 53 Resp: 255217
Ion Ratio Lower Upper
53 100
52 82.8 42.4 127.2
51 36.2 18.5 55.5



#15
Acetone
Concen: 69.232 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 58 Resp: 68216
Ion Ratio Lower Upper
58 100
43 347.5 268.9 403.3

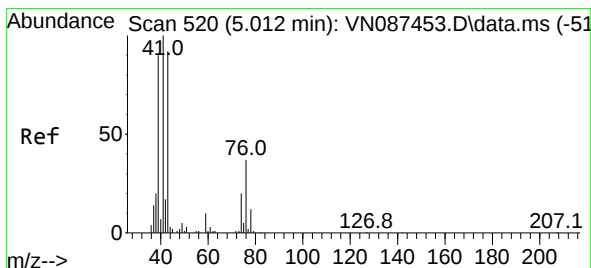
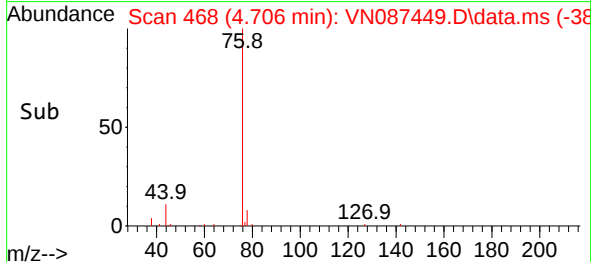
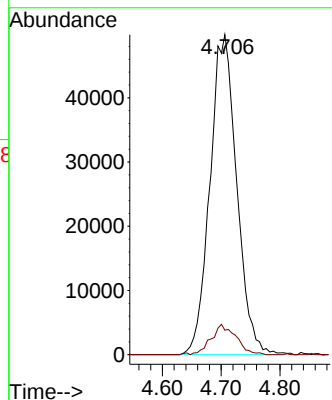
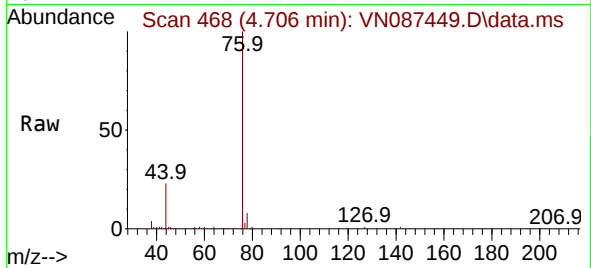




#16
Carbon Disulfide
Concen: 11.880 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

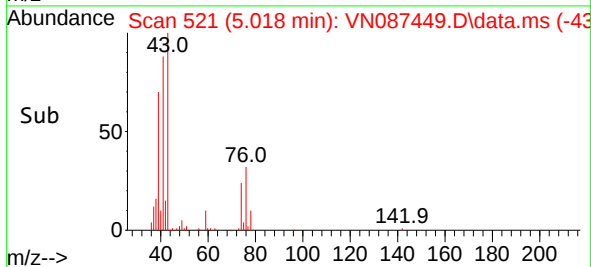
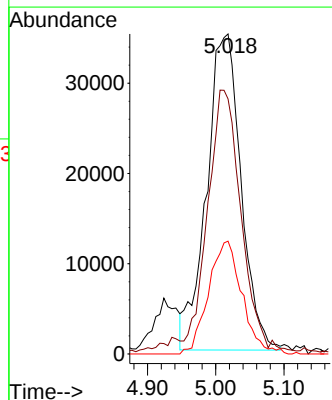
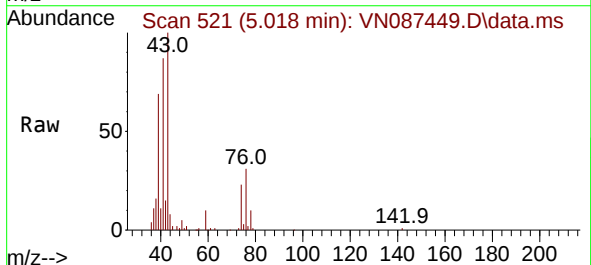
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

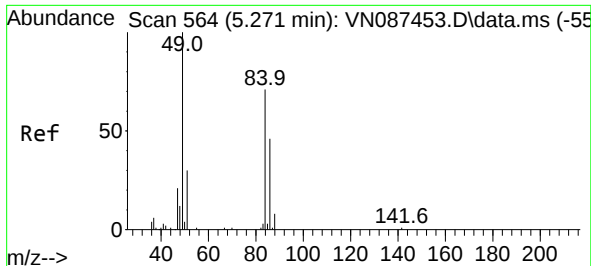
Tgt Ion: 76 Resp: 157704
Ion Ratio Lower Upper
76 100
78 7.6 7.1 10.7



#17
Allyl chloride
Concen: 14.133 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 41 Resp: 123276
Ion Ratio Lower Upper
41 100
39 79.8 42.4 127.2
76 36.1 16.9 50.6

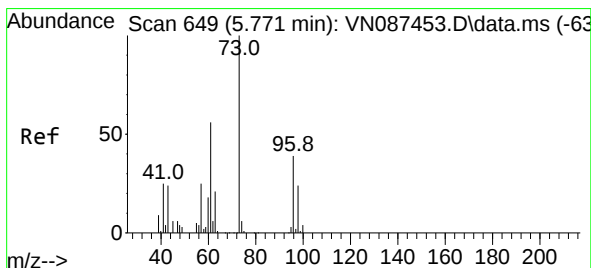
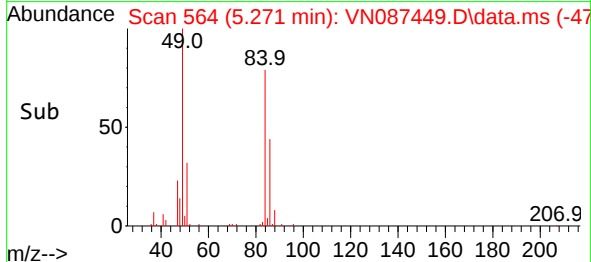
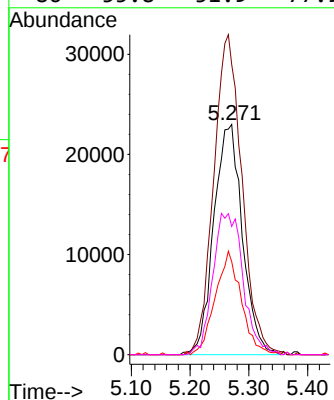
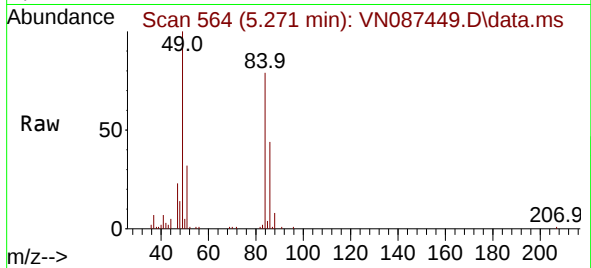




#18
Methylene Chloride
Concen: 14.092 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

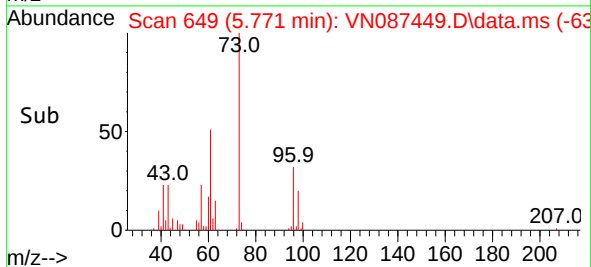
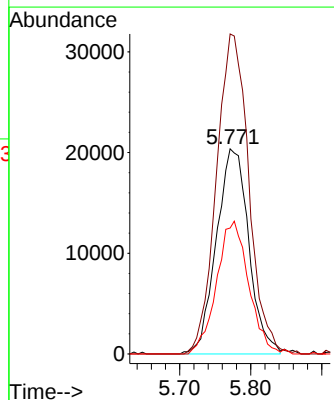
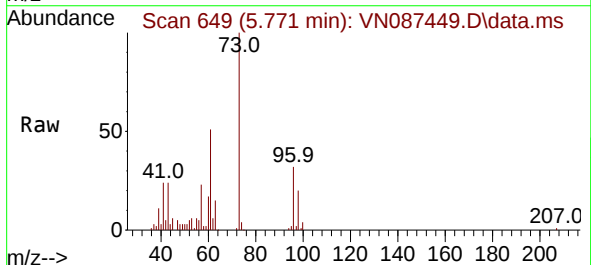
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

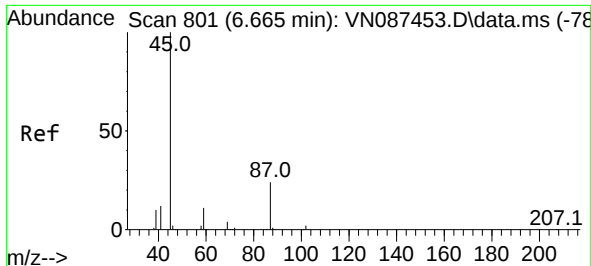
Tgt Ion:	84	Resp:	77635
Ion	Ratio	Lower	Upper
84	100		
49	126.0	112.9	169.3
51	40.4	33.8	50.8
86	55.8	51.9	77.9



#19
trans-1,2-Dichloroethene
Concen: 12.685 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:	96	Resp:	64556
Ion	Ratio	Lower	Upper
96	100		
61	156.0	114.2	171.4
98	61.4	48.7	73.1

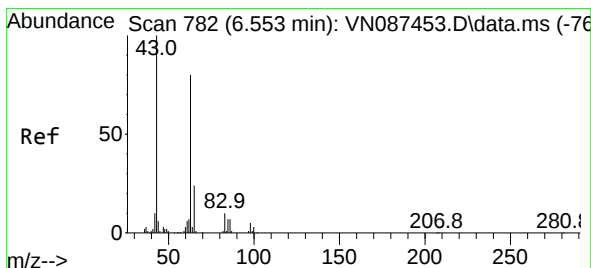
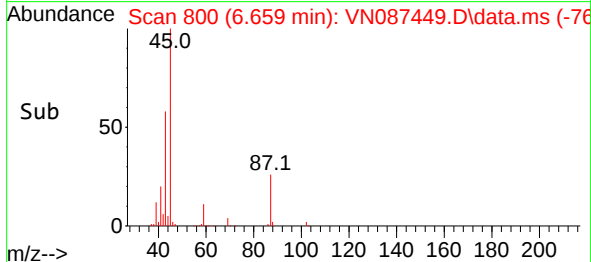
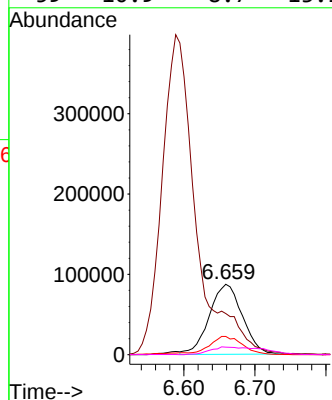
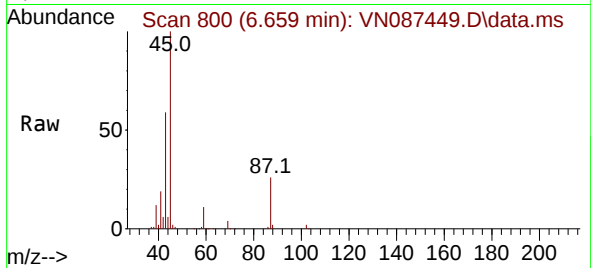




#20
Diisopropyl ether
Concen: 14.119 ug/l
RT: 6.659 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

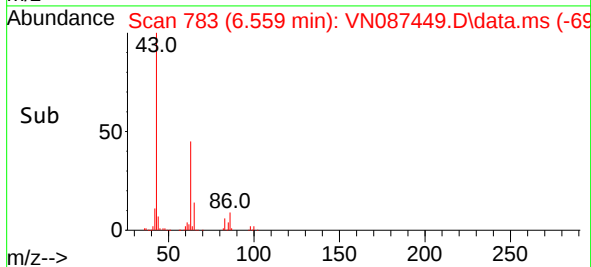
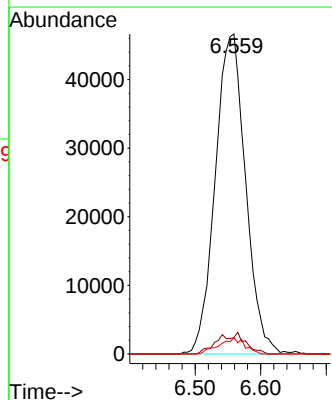
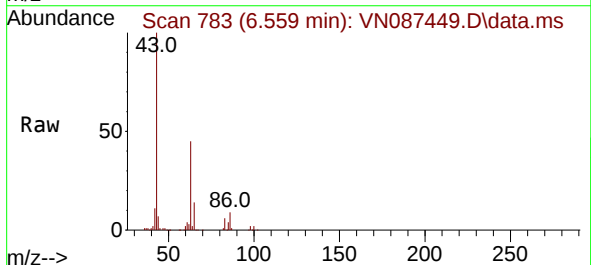
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

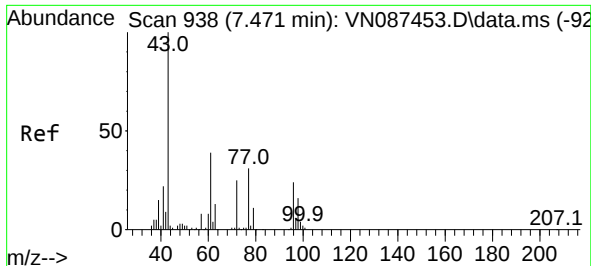
Tgt Ion:	45	Resp:	280559
Ion Ratio	Lower	Upper	
45	100		
43	55.9	44.7	67.1
87	25.7	20.2	30.2
59	10.9	8.7	13.1



#21
1,1-Dichloroethane
Concen: 14.566 ug/l
RT: 6.559 min Scan# 783
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:	63	Resp:	149612
Ion Ratio	Lower	Upper	
63	100		
98	5.1	3.0	9.0
100	5.1	1.9	5.7

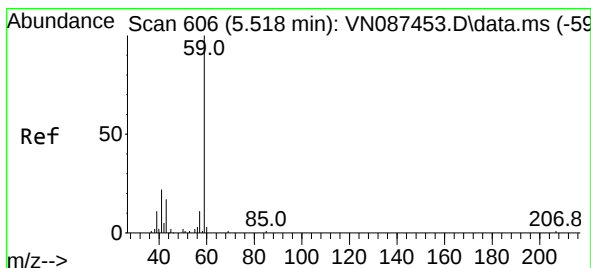
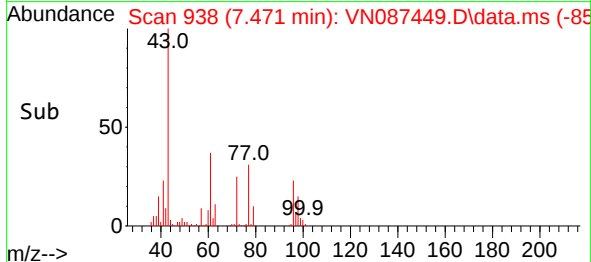
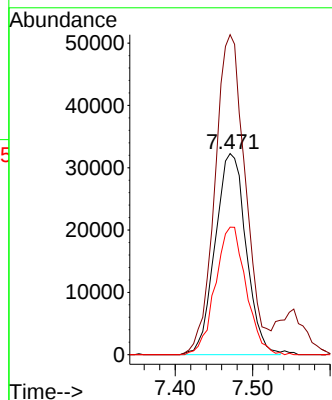
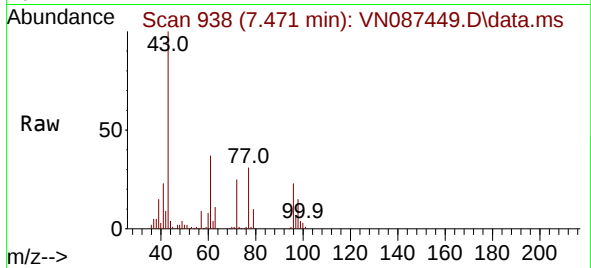




#22
 cis-1,2-Dichloroethene
 Concen: 14.281 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087449.D
 Acq: 05 Aug 2025 11:21

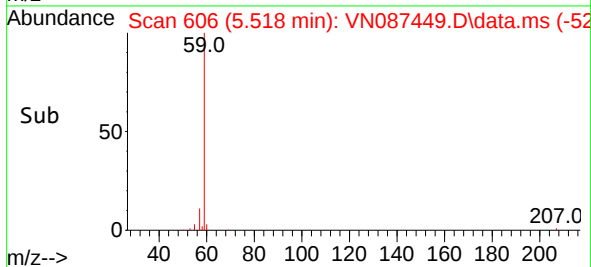
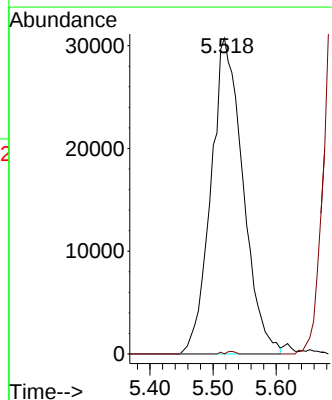
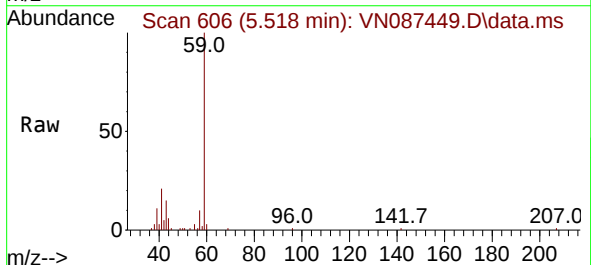
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS01

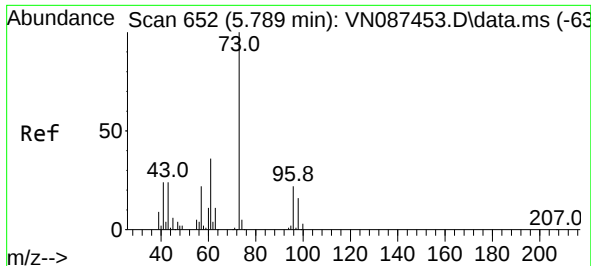
Tgt Ion: 96 Resp: 89426
 Ion Ratio Lower Upper
 96 100
 61 157.5 126.6 190.0
 98 63.1 50.9 76.3



#23
 tert-Butyl Alcohol
 Concen: 73.887 ug/l
 RT: 5.518 min Scan# 606
 Delta R.T. -0.000 min
 Lab File: VN087449.D
 Acq: 05 Aug 2025 11:21

Tgt Ion: 59 Resp: 108271
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

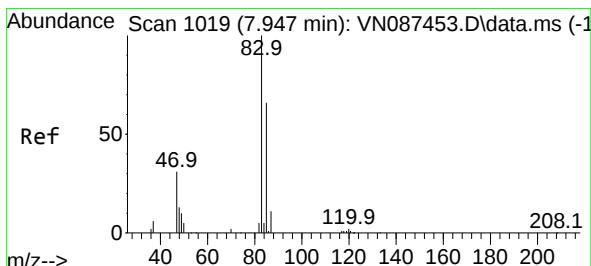
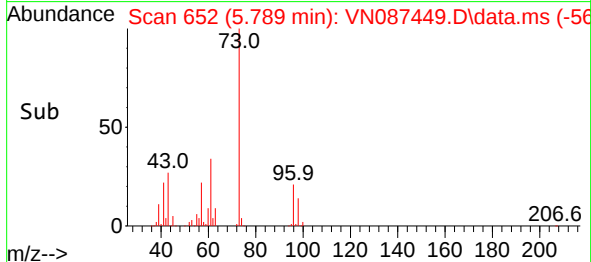
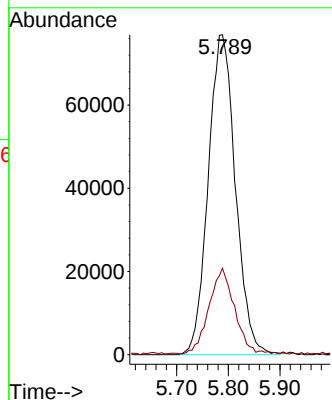
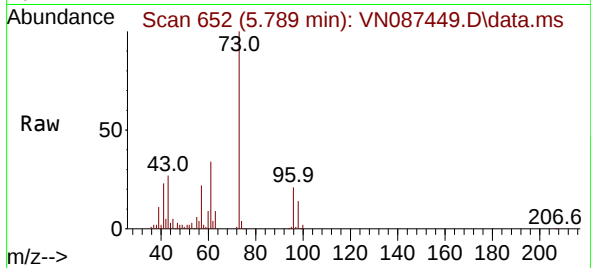




#24
Methyl tert-Butyl Ether
Concen: 14.420 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

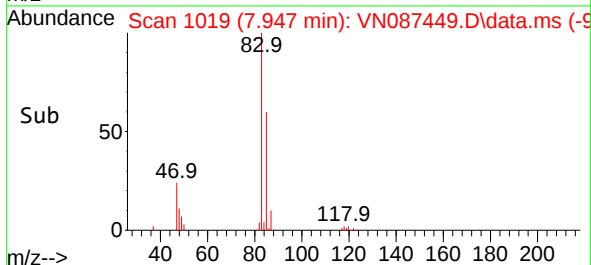
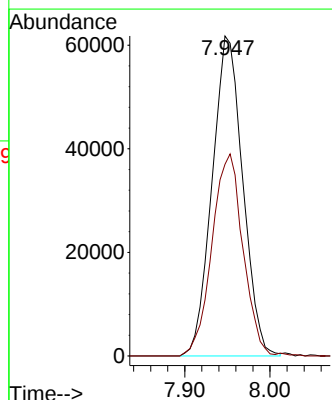
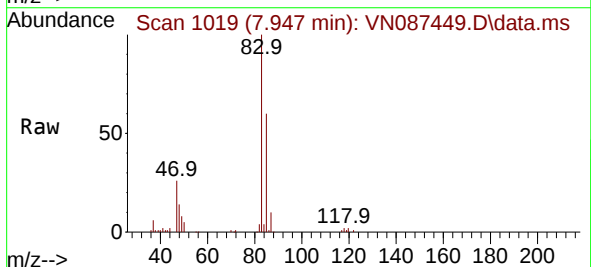
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

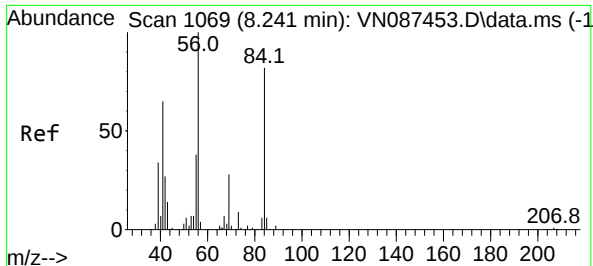
Tgt Ion: 73 Resp: 281200
Ion Ratio Lower Upper
73 100
43 24.6 19.9 29.9



#25
Chloroform
Concen: 14.364 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 83 Resp: 154008
Ion Ratio Lower Upper
83 100
85 59.9 52.6 78.8

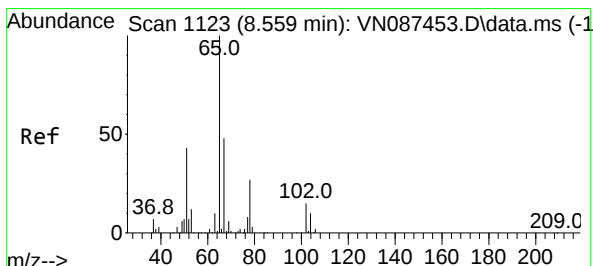
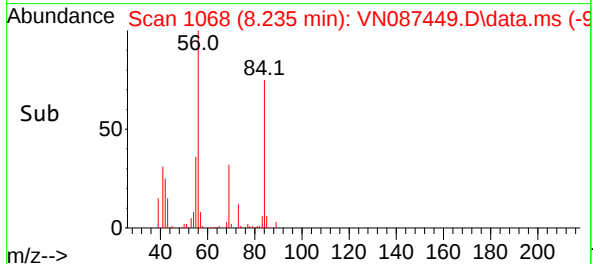
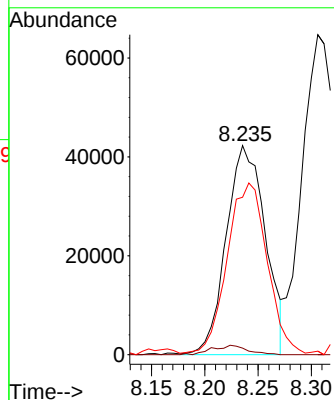
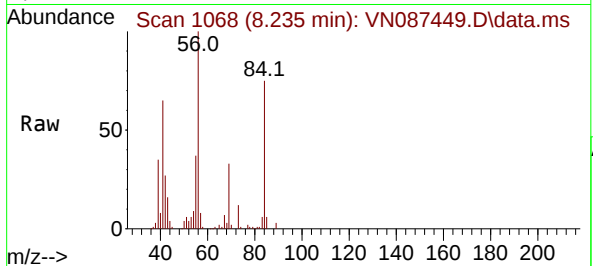




#26
Cyclohexane
Concen: 13.134 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

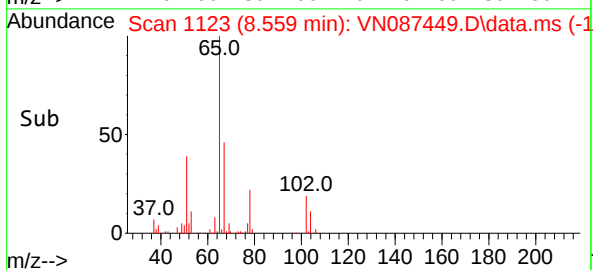
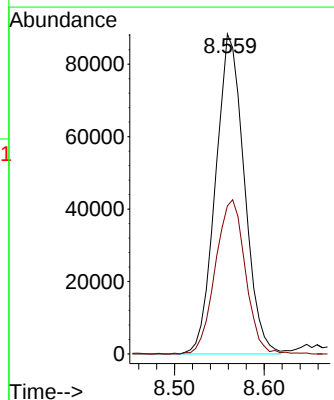
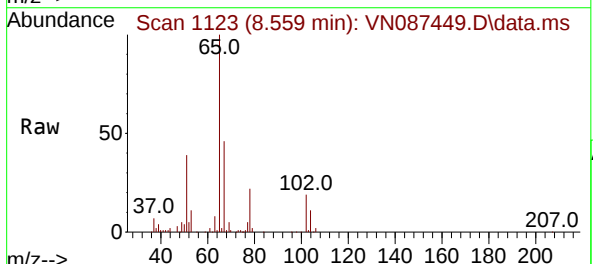
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

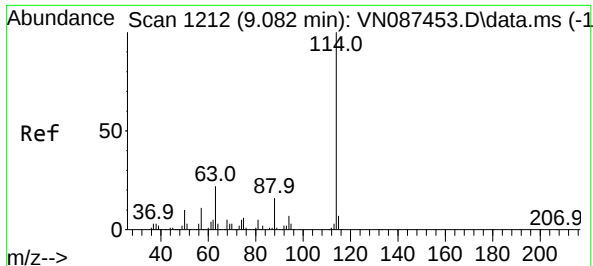
Tgt Ion: 56 Resp: 108010
Ion Ratio Lower Upper
56 100
89 2.7 2.3 3.5
84 84.4 67.0 100.4



#27
1,2-Dichloroethane-d4
Concen: 27.218 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 65 Resp: 196161
Ion Ratio Lower Upper
65 100
67 50.2 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087449.D

Acq: 05 Aug 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBS01

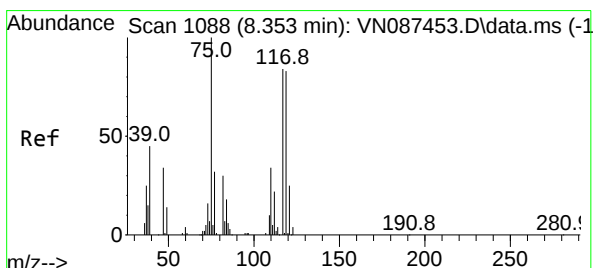
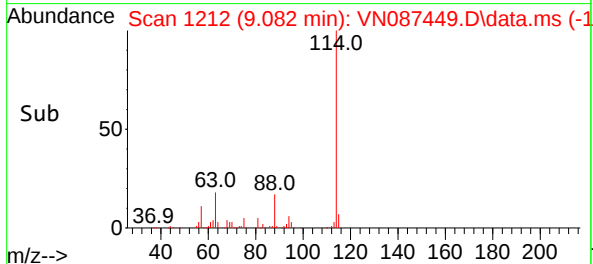
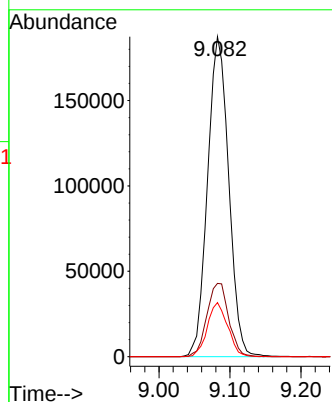
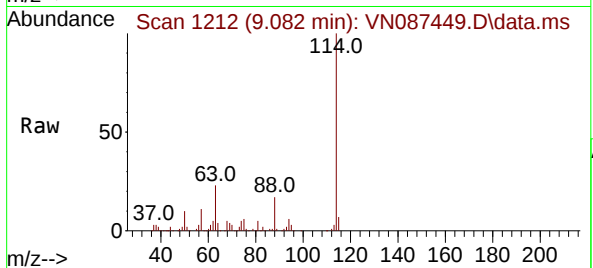
Tgt Ion:114 Resp: 387502

Ion Ratio Lower Upper

114 100

63 23.6 18.9 28.3

88 16.3 13.1 19.7



#29

1,1-Dichloropropene

Concen: 15.140 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087449.D

Acq: 05 Aug 2025 11:21

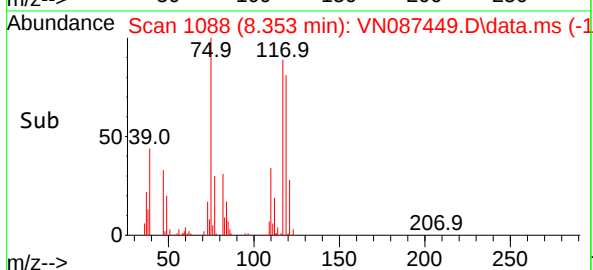
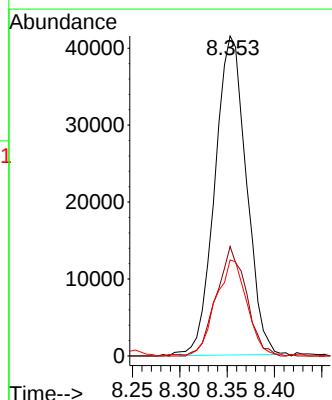
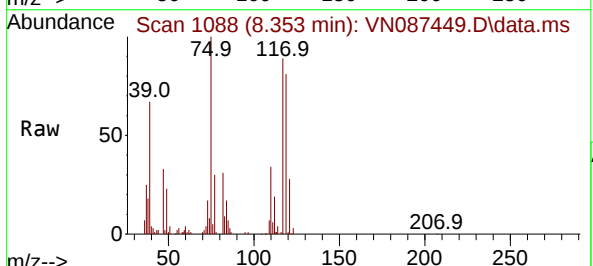
Tgt Ion: 75 Resp: 95689

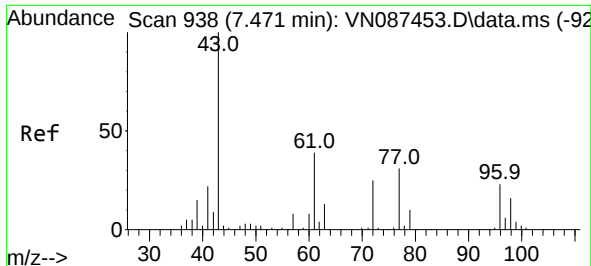
Ion Ratio Lower Upper

75 100

110 32.7 0.0 65.8

77 29.9 0.0 63.6

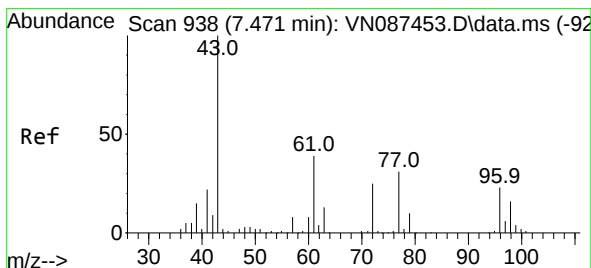
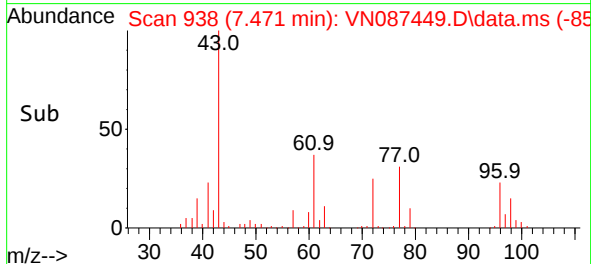
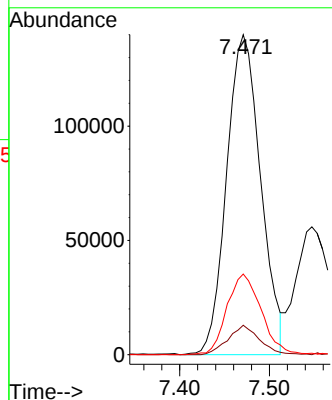
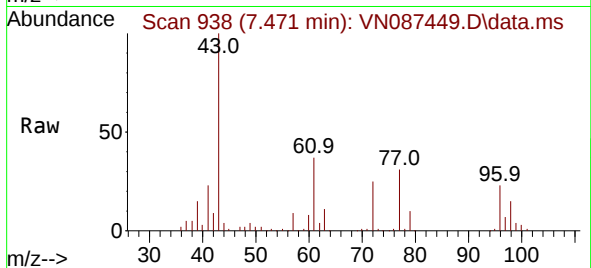




#30
2-Butanone
Concen: 79.155 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

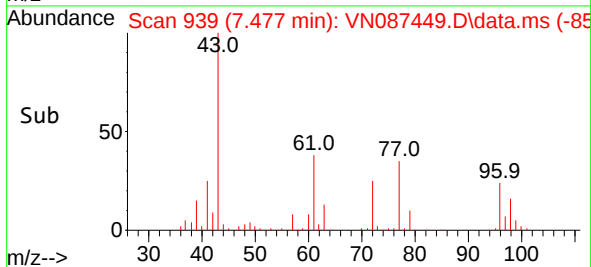
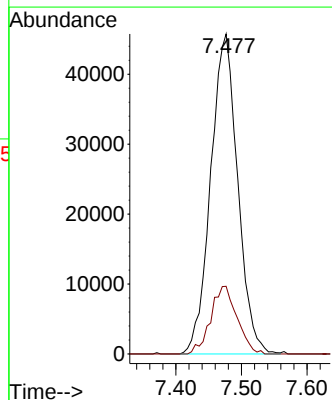
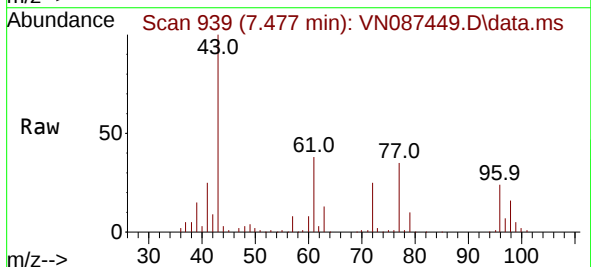
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

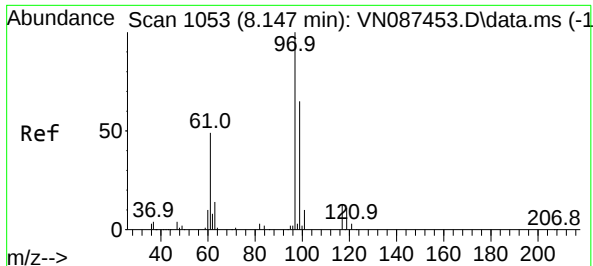
Tgt Ion: 43 Resp: 368762
Ion Ratio Lower Upper
43 100
57 8.5 6.6 9.8
72 25.3 19.7 29.5



#31
2,2-Dichloropropane
Concen: 16.086 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 77 Resp: 131121
Ion Ratio Lower Upper
77 100
97 19.1 16.7 25.1





#32

1,1,1-Trichloroethane

Concen: 15.790 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087449.D

Acq: 05 Aug 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBS01

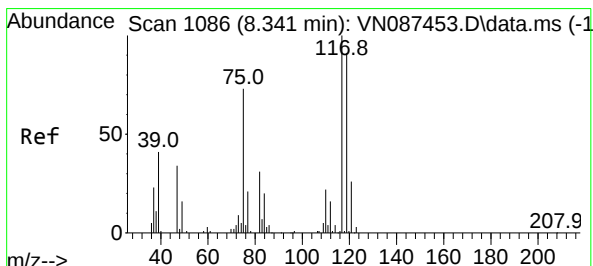
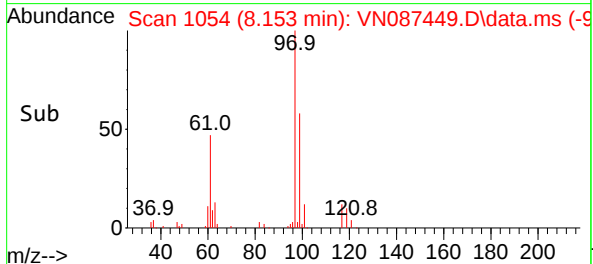
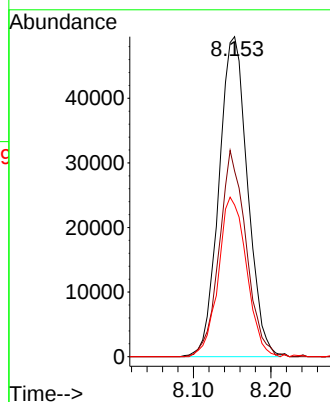
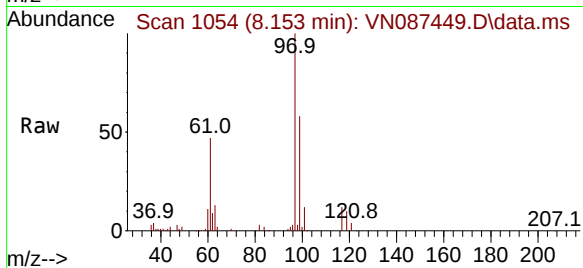
Tgt Ion: 97 Resp: 127276

Ion Ratio Lower Upper

97 100

99 60.5 53.0 79.6

61 49.1 40.6 61.0



#33

Carbon Tetrachloride

Concen: 15.788 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN087449.D

Acq: 05 Aug 2025 11:21

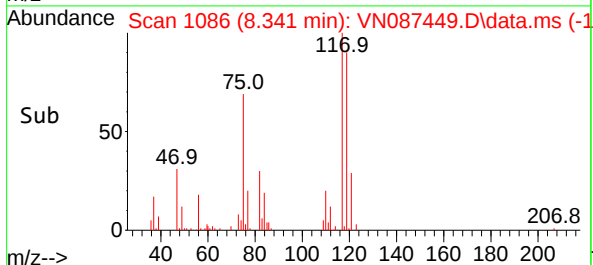
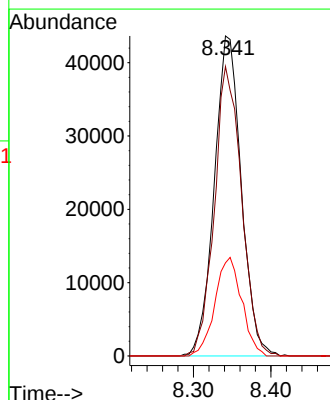
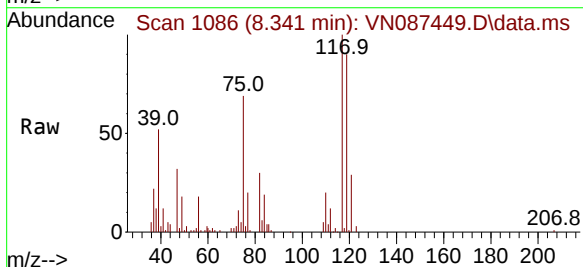
Tgt Ion: 117 Resp: 105721

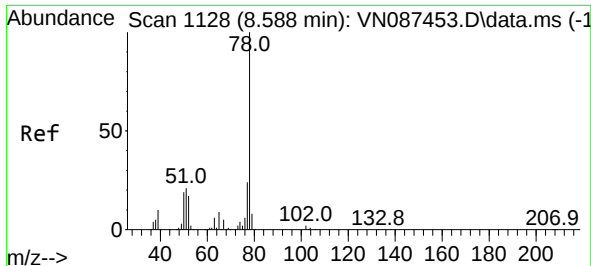
Ion Ratio Lower Upper

117 100

119 90.4 73.4 110.0

121 29.1 21.1 31.7

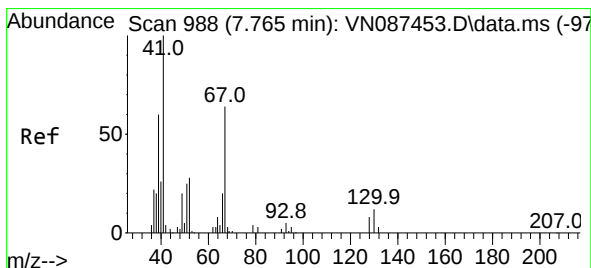
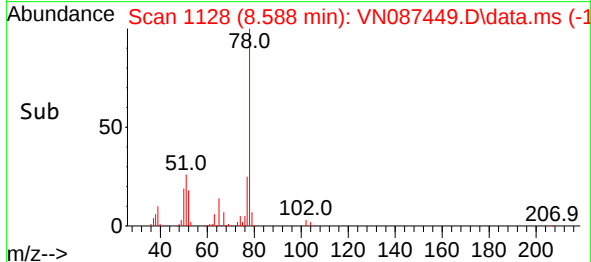
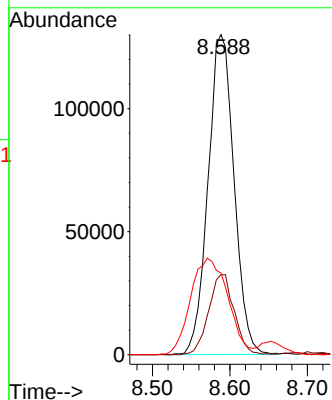
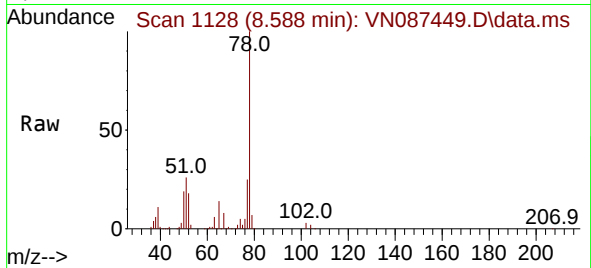




#34
Benzene
Concen: 15.192 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

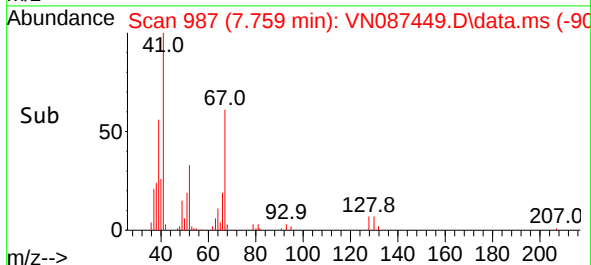
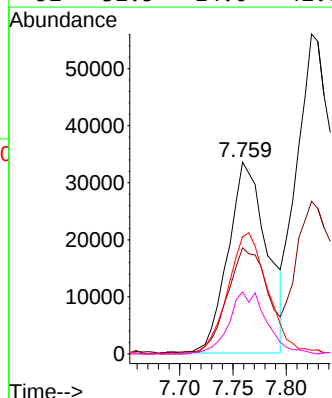
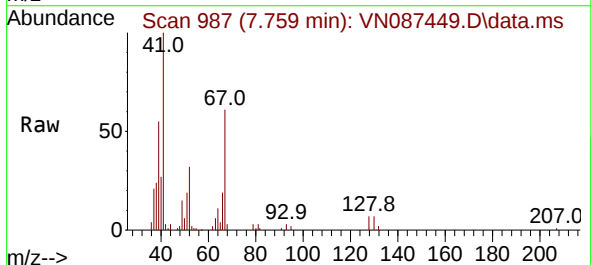
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

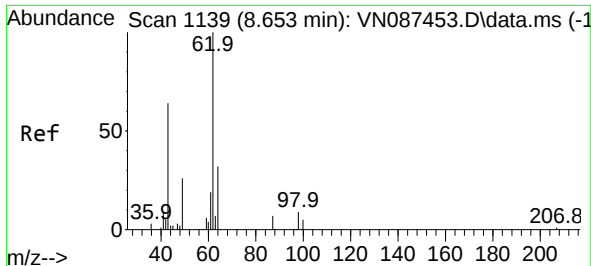
Tgt Ion: 78 Resp: 303101
Ion Ratio Lower Upper
78 100
77 25.1 19.2 28.8
51 22.7 16.9 25.3



#35
Methacrylonitrile
Concen: 16.804 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 41 Resp: 84481
Ion Ratio Lower Upper
41 100
39 54.6 30.1 90.5
67 61.4 32.0 96.2
52 32.5 14.0 42.0

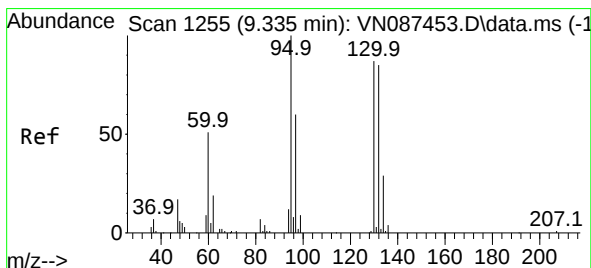
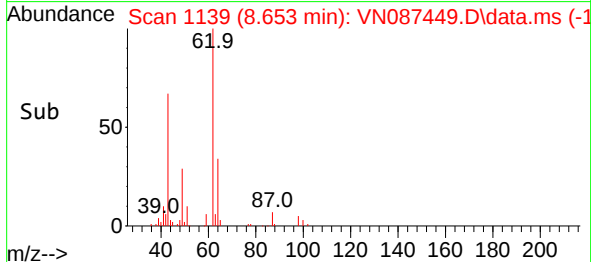
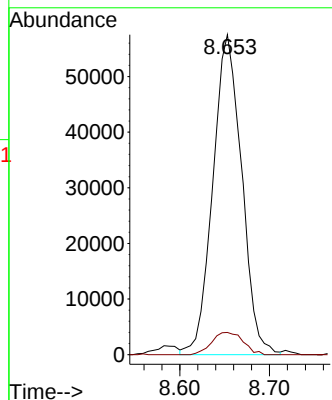
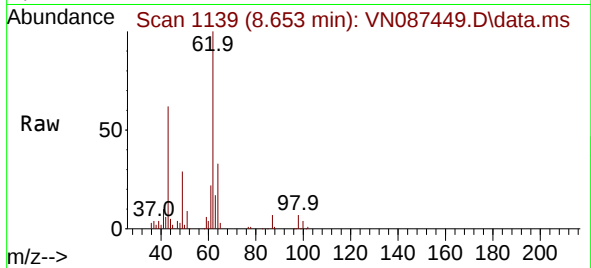




#36
1,2-Dichloroethane
Concen: 15.917 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

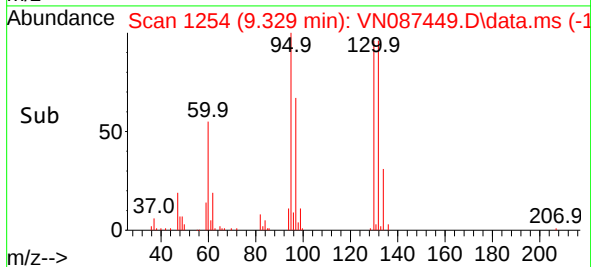
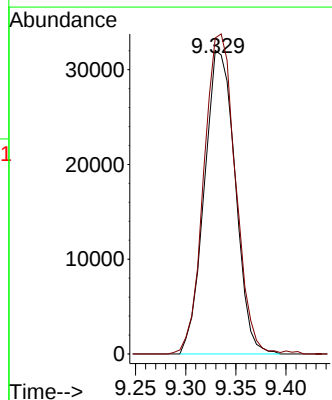
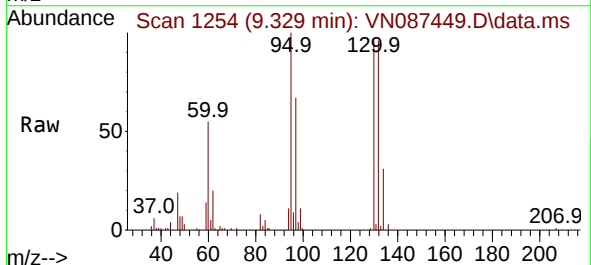
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

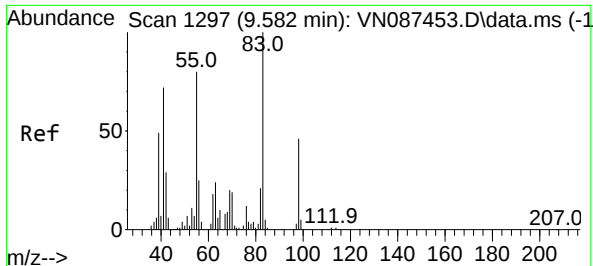
Tgt Ion: 62 Resp: 128345
Ion Ratio Lower Upper
62 100
98 7.6 6.6 9.8



#37
Trichloroethene
Concen: 15.551 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:130 Resp: 68343
Ion Ratio Lower Upper
130 100
95 103.7 91.4 137.2

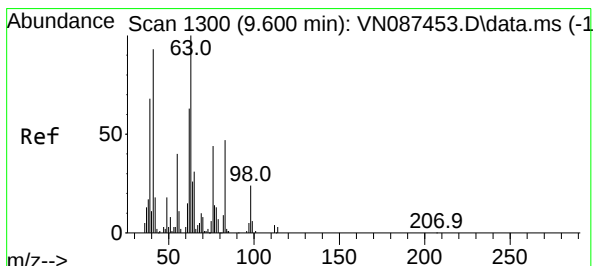
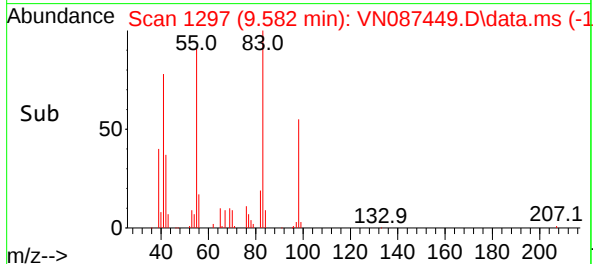
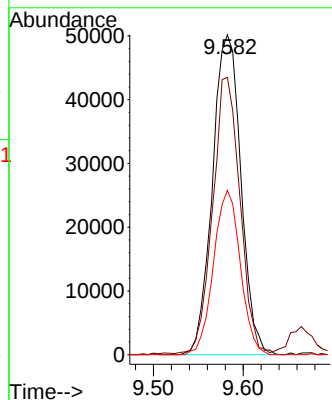
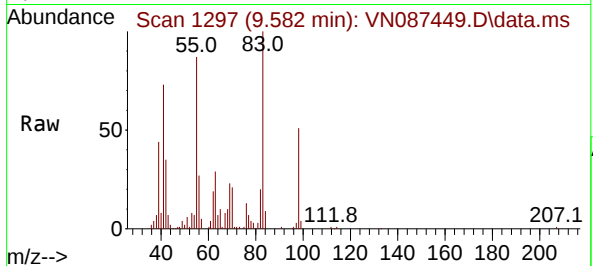




#38
Methylcyclohexane
Concen: 15.078 ug/l
RT: 9.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

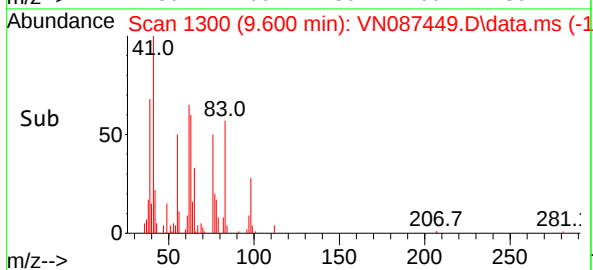
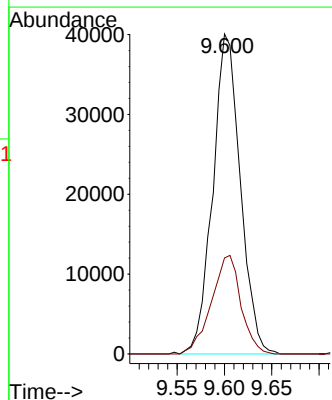
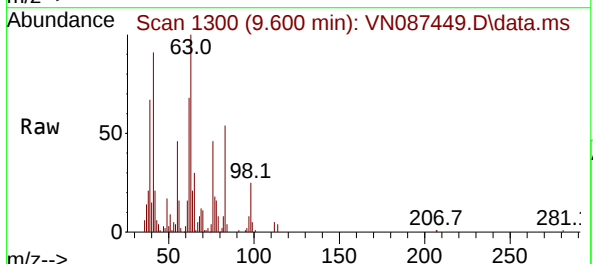
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

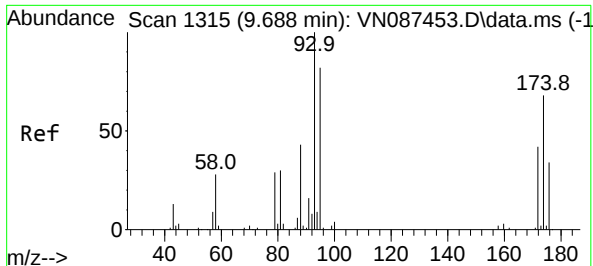
Tgt Ion: 83 Resp: 110553
Ion Ratio Lower Upper
83 100
55 82.9 41.2 123.6
98 48.3 23.3 69.9



#39
1,2-Dichloropropane
Concen: 15.861 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 63 Resp: 81132
Ion Ratio Lower Upper
63 100
65 30.0 24.6 36.8

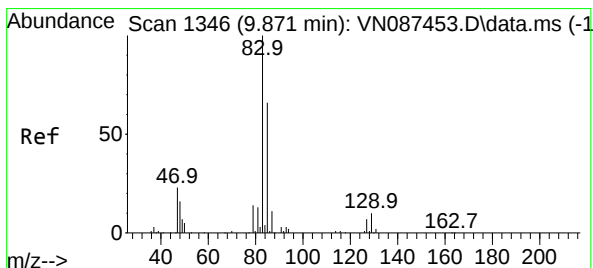
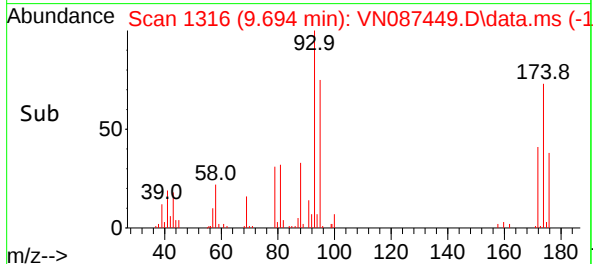
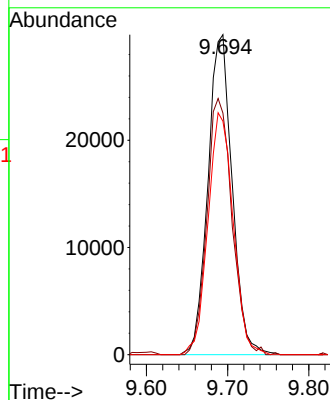
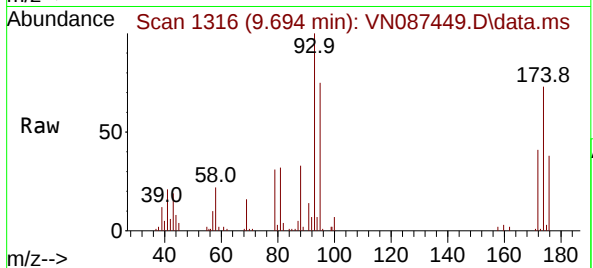




#40
Dibromomethane
Concen: 16.141 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

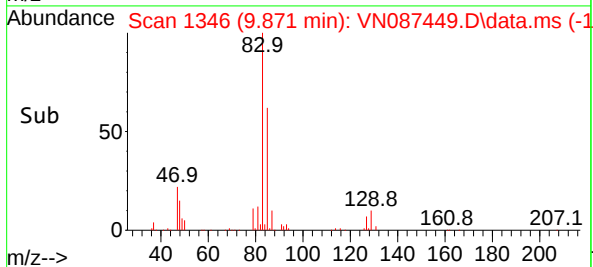
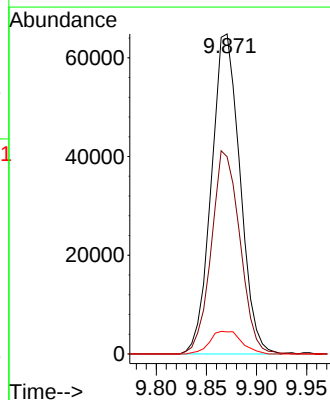
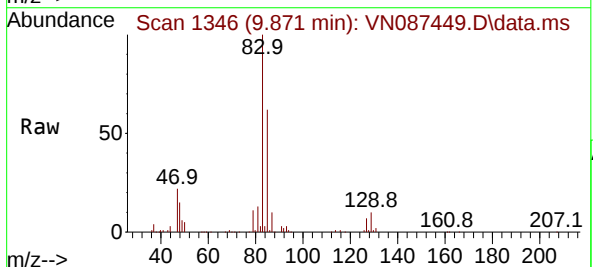
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

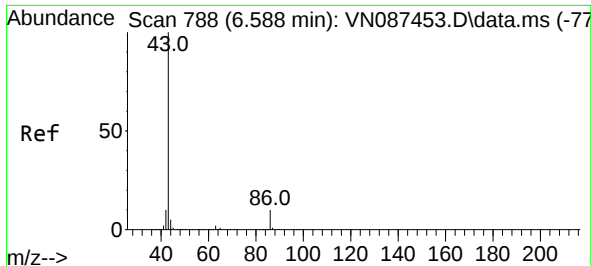
Tgt Ion: 93 Resp: 61946
Ion Ratio Lower Upper
93 100
95 82.3 0.0 161.6
174 78.6 0.0 151.4



#41
Bromodichloromethane
Concen: 16.155 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 83 Resp: 128837
Ion Ratio Lower Upper
83 100
85 61.6 52.9 79.3
127 6.9 5.8 8.6

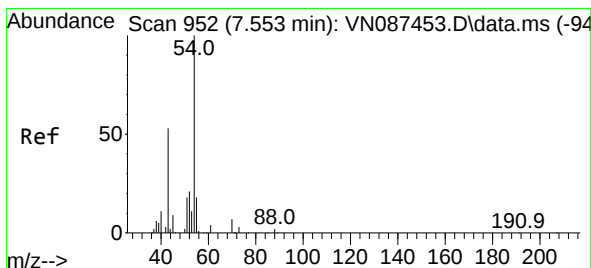
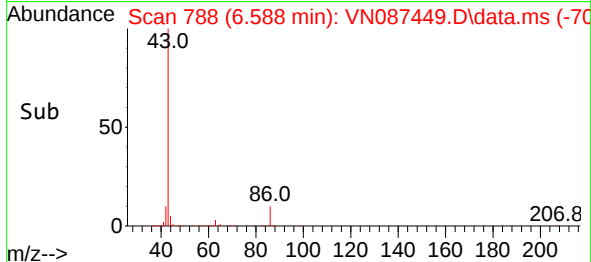
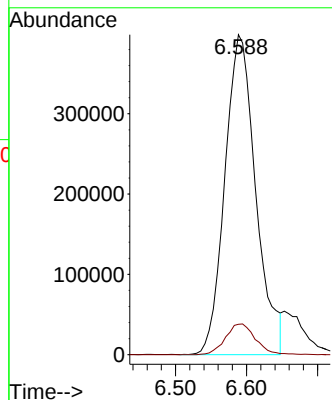
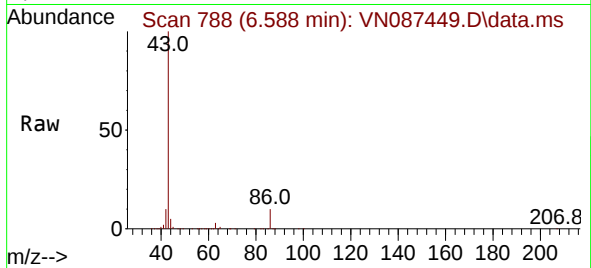




#42
 Vinyl Acetate
 Concen: 78.544 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087449.D
 Acq: 05 Aug 2025 11:21

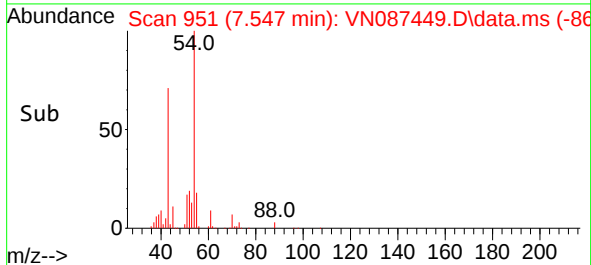
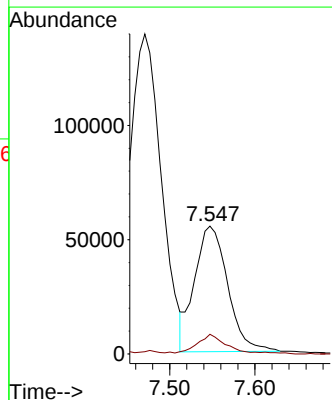
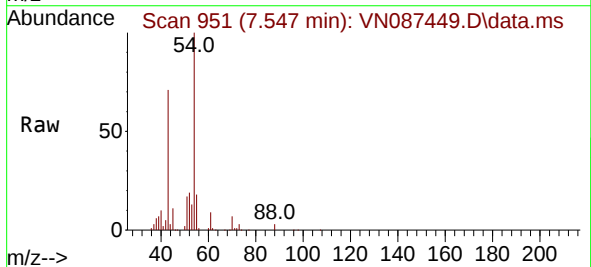
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS01

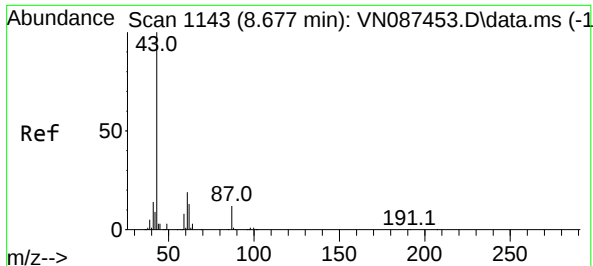
Tgt Ion: 43 Resp: 1205017
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.3 10.9



#43
 Ethyl Acetate
 Concen: 16.533 ug/l
 RT: 7.547 min Scan# 951
 Delta R.T. -0.006 min
 Lab File: VN087449.D
 Acq: 05 Aug 2025 11:21

Tgt Ion: 43 Resp: 148799
 Ion Ratio Lower Upper
 43 100
 45 12.5 11.1 16.7

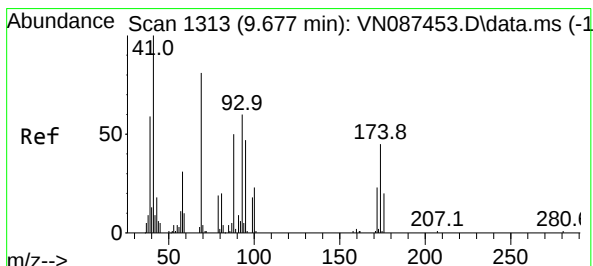
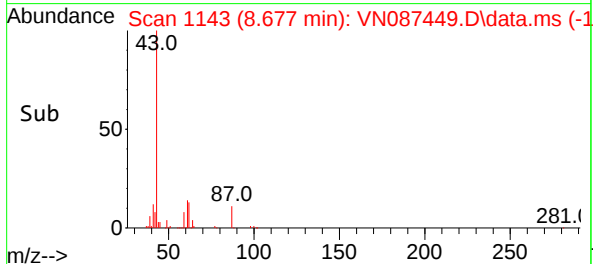
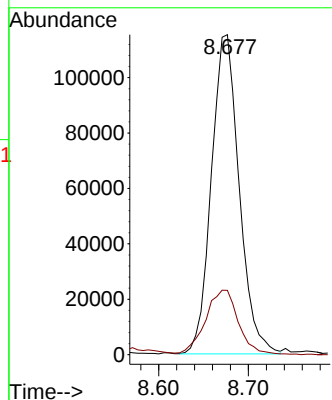
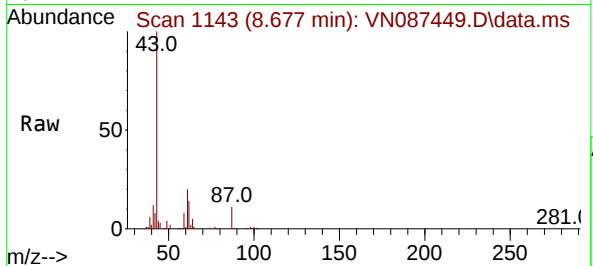




#44
Isopropyl Acetate
Concen: 16.265 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

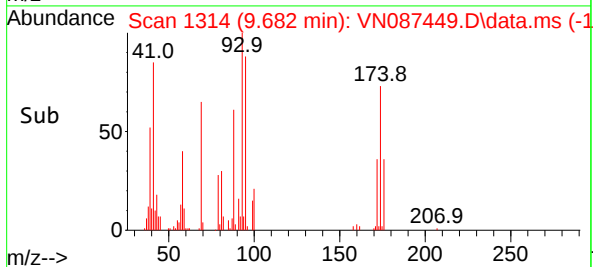
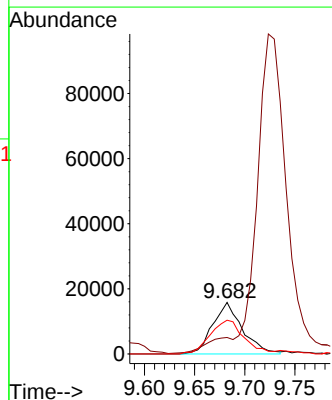
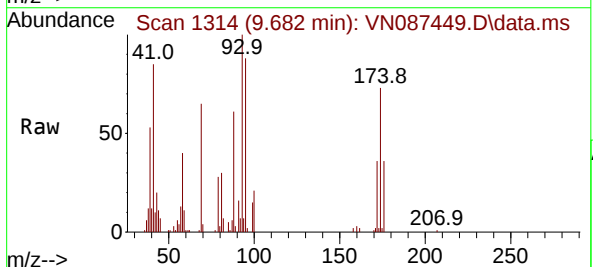
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

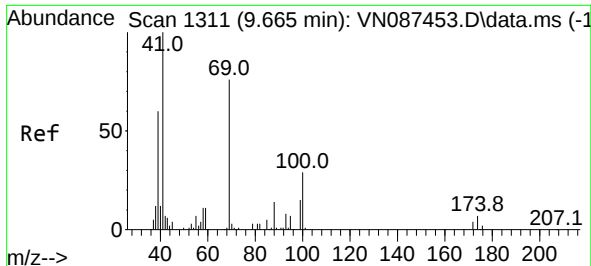
Tgt Ion: 43 Resp: 248147
Ion Ratio Lower Upper
43 100
61 24.1 18.6 28.0



#45
1,4-Dioxane
Concen: 334.906 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 88 Resp: 32572
Ion Ratio Lower Upper
88 100
43 29.2 24.1 36.1
58 74.4 57.2 85.8

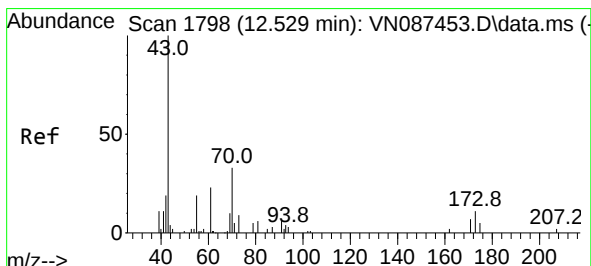
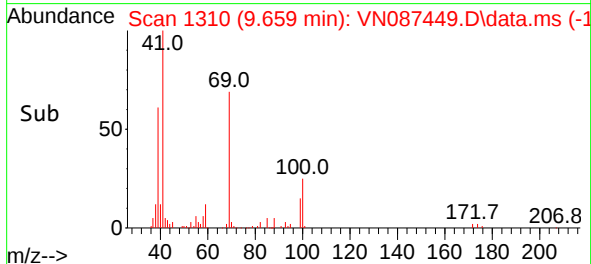
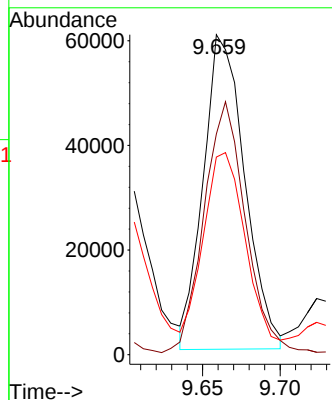
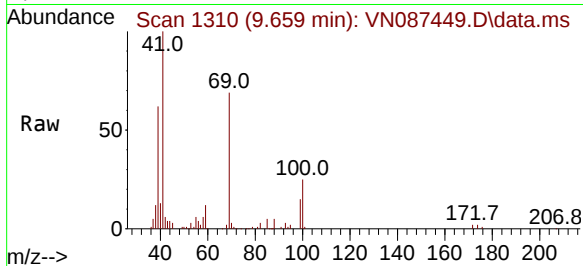




#46
Methyl methacrylate
Concen: 15.506 ug/l
RT: 9.659 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

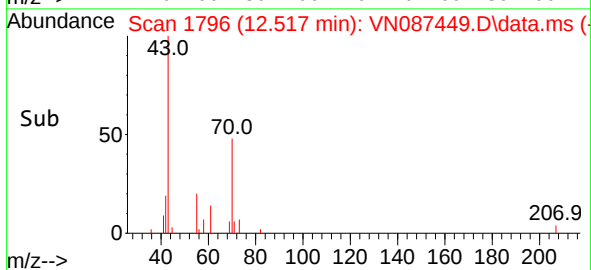
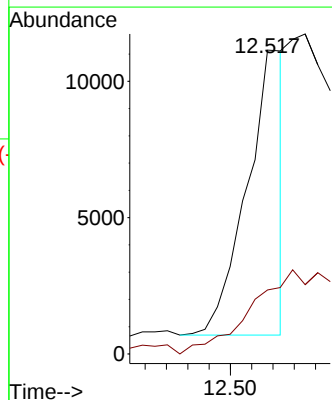
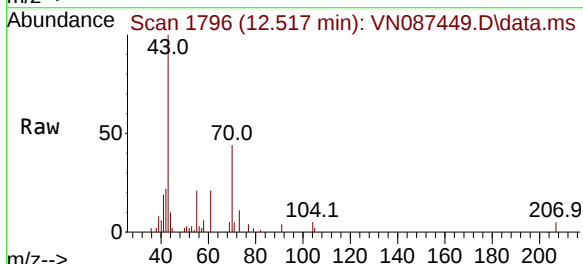
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

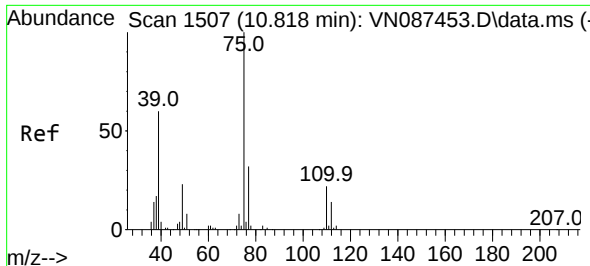
Tgt Ion: 41 Resp: 111662
Ion Ratio Lower Upper
41 100
69 69.1 37.1 111.5
39 60.7 30.7 92.1



#47
n-amy1 Acetate
Concen: 1.511 ug/l
RT: 12.517 min Scan# 1796
Delta R.T. -0.012 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 43 Resp: 12733
Ion Ratio Lower Upper
43 100
55 43.6 4.6 6.8#

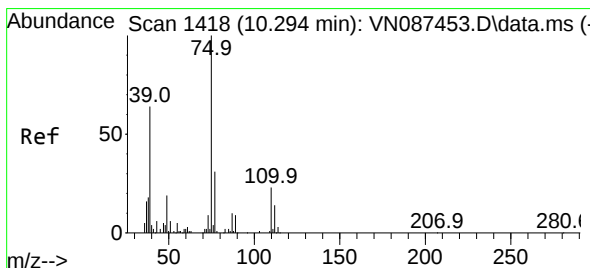
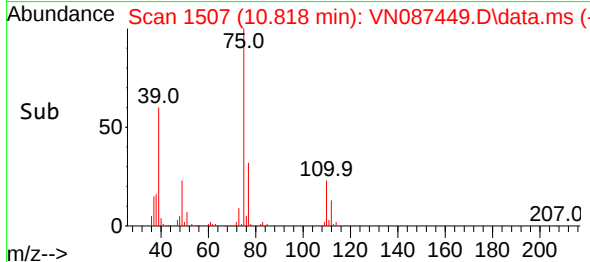
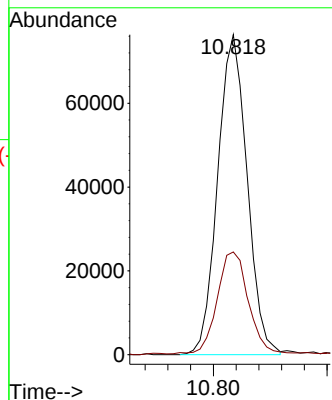
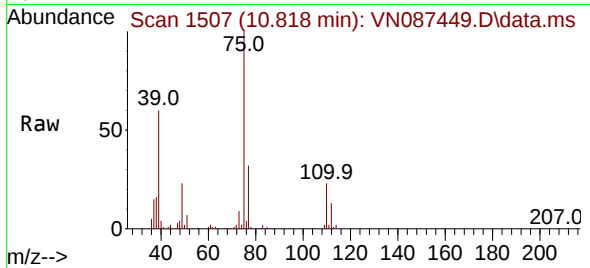




#48
t-1,3-Dichloropropene
Concen: 15.815 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

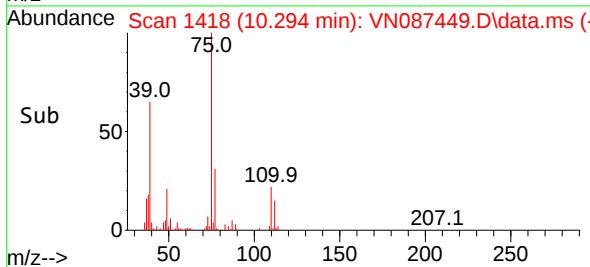
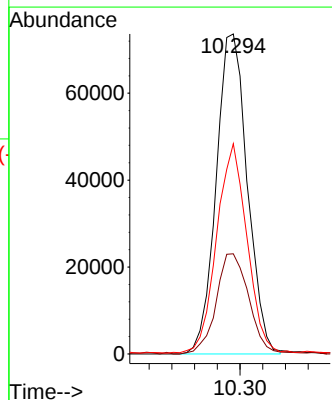
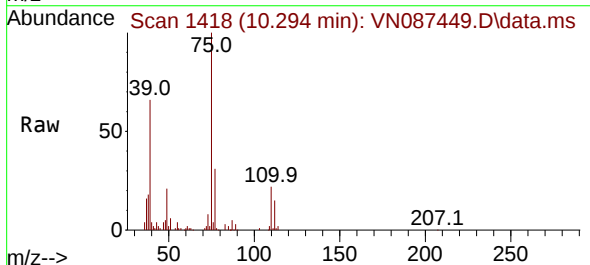
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

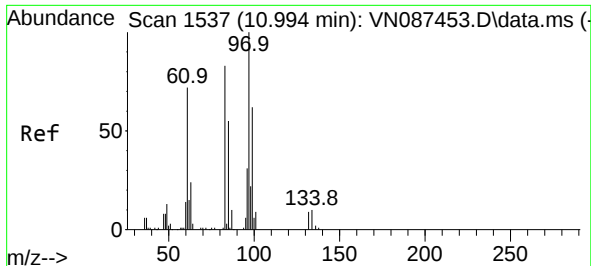
Tgt Ion: 75 Resp: 137216
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#49
cis-1,3-Dichloropropene
Concen: 16.073 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 75 Resp: 140340
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 65.3 51.5 77.3

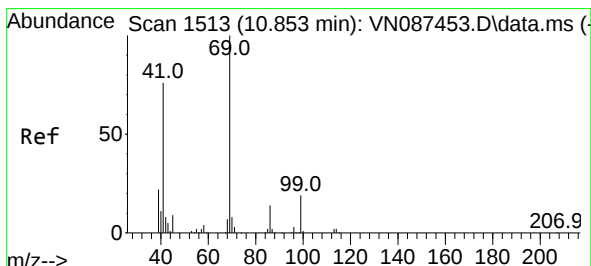
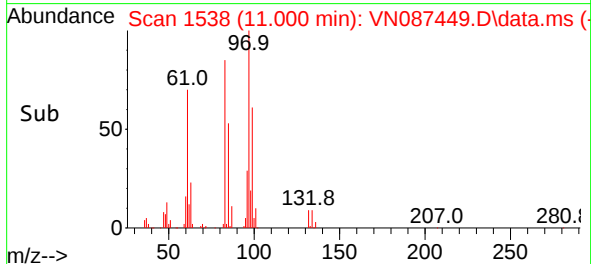
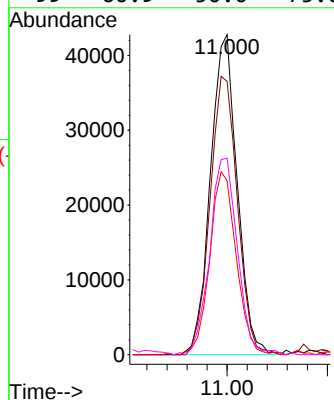
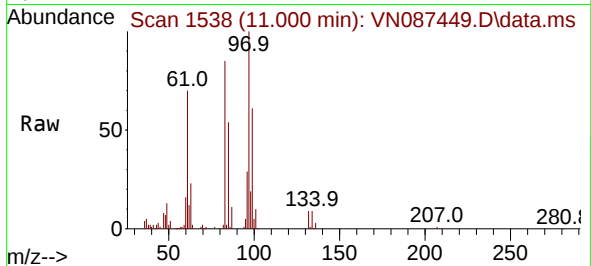




#50
1,1,2-Trichloroethane
Concen: 16.340 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

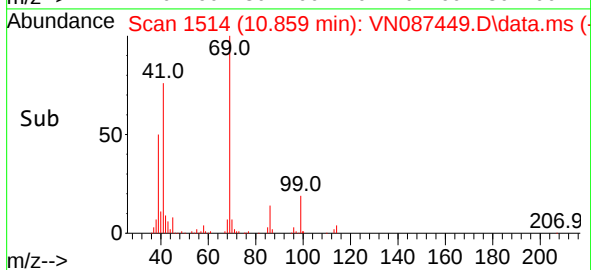
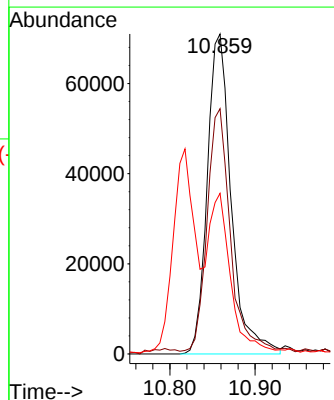
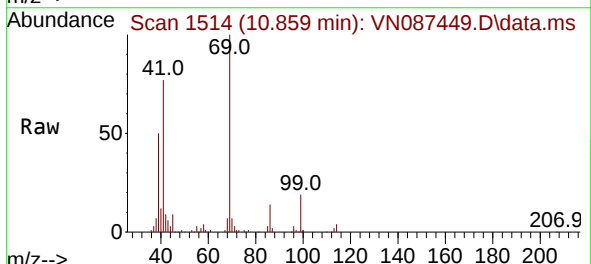
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

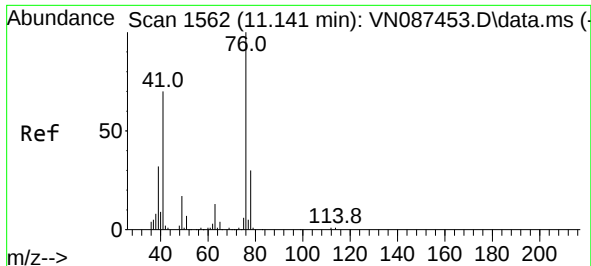
Tgt Ion:	97	Resp:	79236
Ion	Ratio	Lower	Upper
97	100		
83	85.4	66.2	99.2
85	54.4	43.9	65.9
99	60.9	50.0	75.0



#51
Ethyl methacrylate
Concen: 16.243 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:	69	Resp:	138713
Ion	Ratio	Lower	Upper
69	100		
41	74.9	38.0	114.1
39	48.9	23.2	69.5

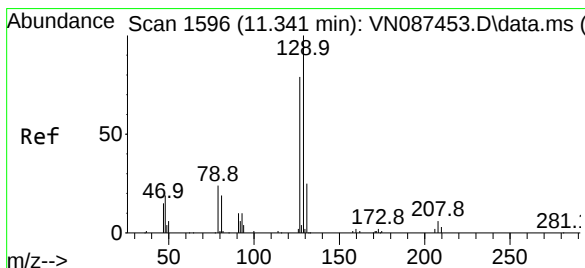
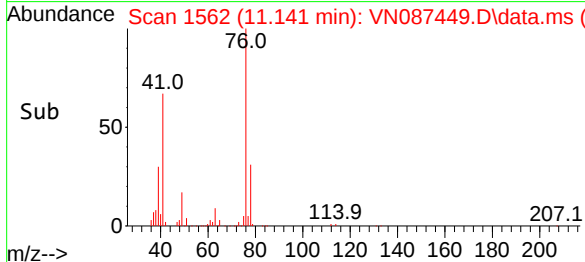
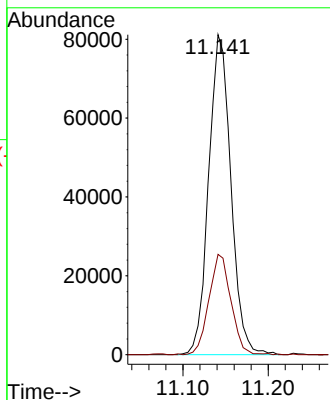
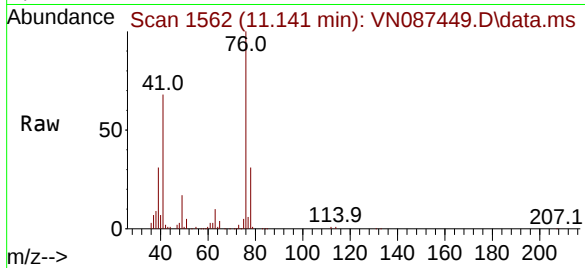




#52
1,3-Dichloropropane
Concen: 16.833 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

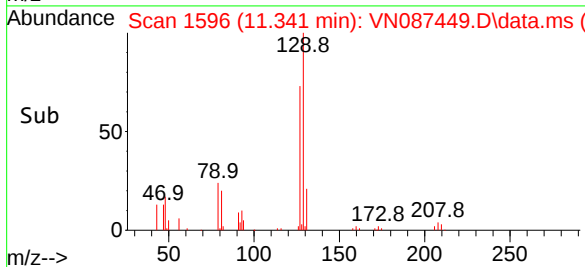
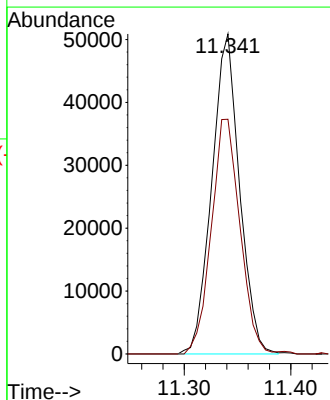
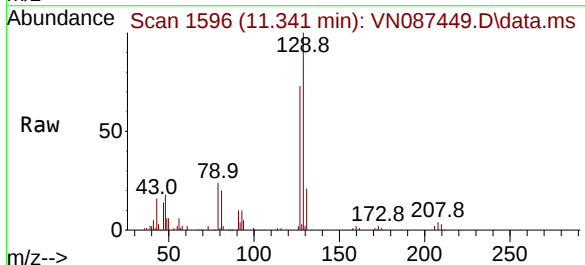
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

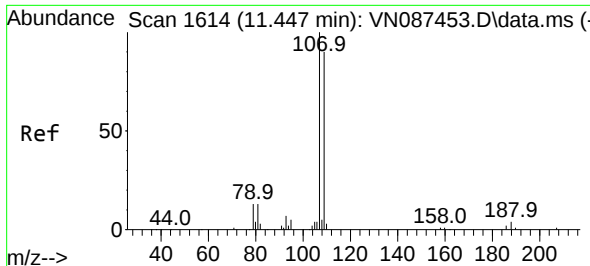
Tgt Ion: 76 Resp: 147055
Ion Ratio Lower Upper
76 100
78 30.8 0.0 63.0



#53
Dibromochloromethane
Concen: 16.414 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 129 Resp: 91919
Ion Ratio Lower Upper
129 100
127 75.6 39.1 117.3

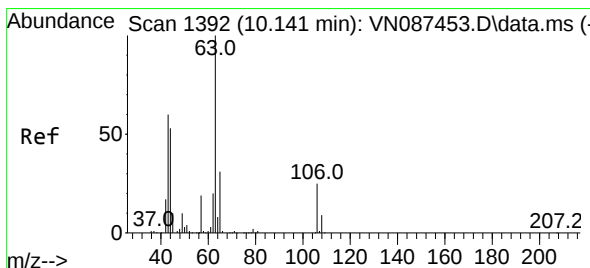
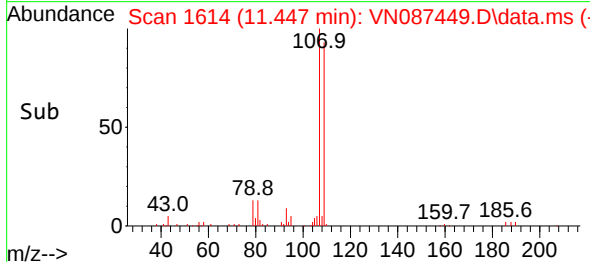
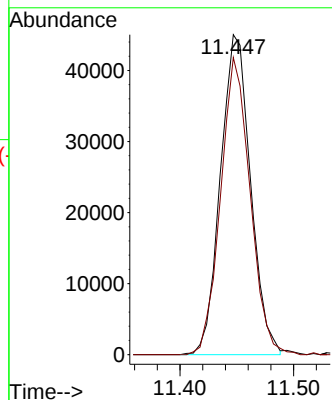
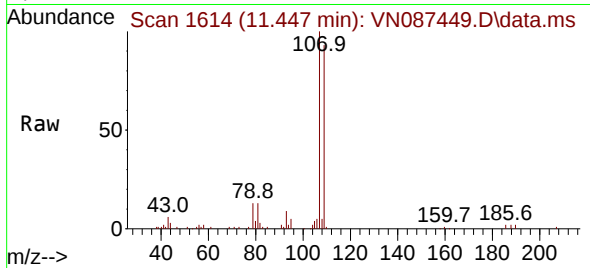




#54
1,2-Dibromoethane
Concen: 16.111 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

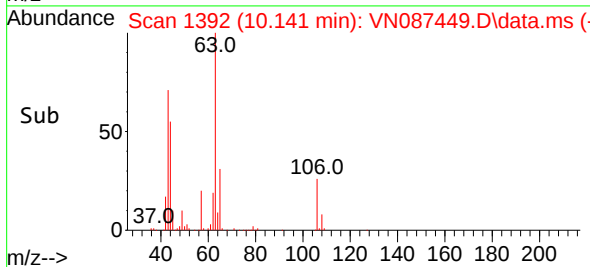
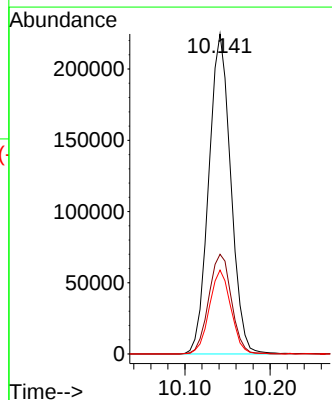
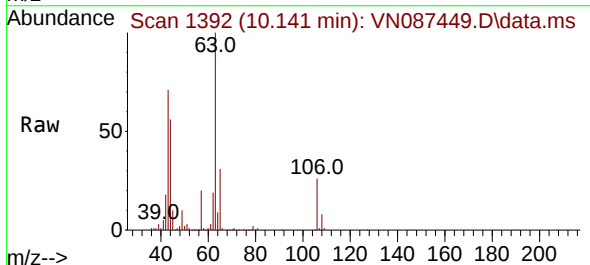
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

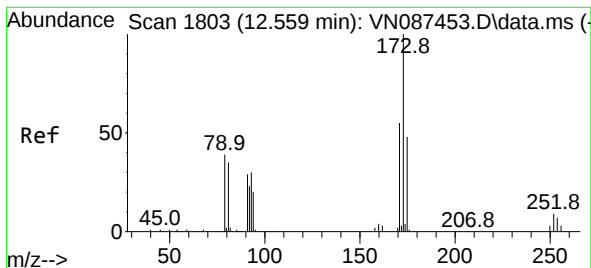
Tgt Ion:107 Resp: 82931
Ion Ratio Lower Upper
107 100
109 91.0 74.2 111.4



#55
2-Chloroethyl vinyl ether
Concen: 89.702 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 63 Resp: 403275
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 25.6 20.7 31.1

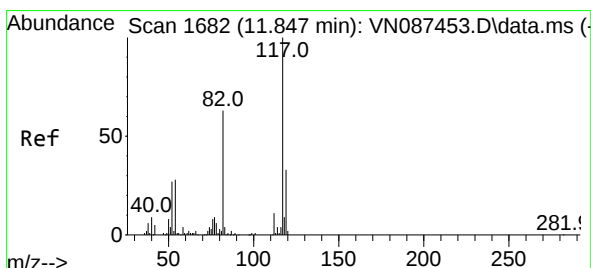
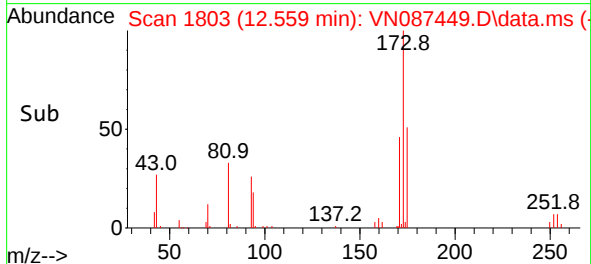
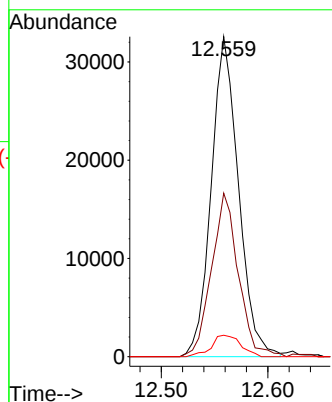
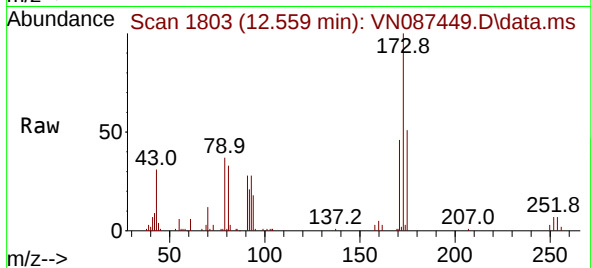




#56
Bromoform
Concen: 15.629 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

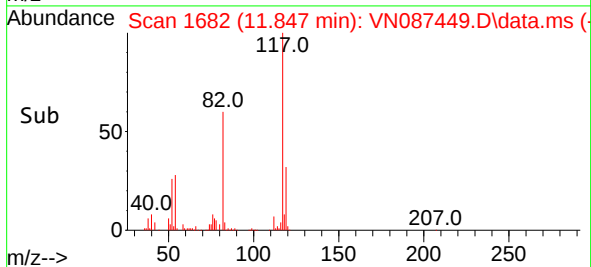
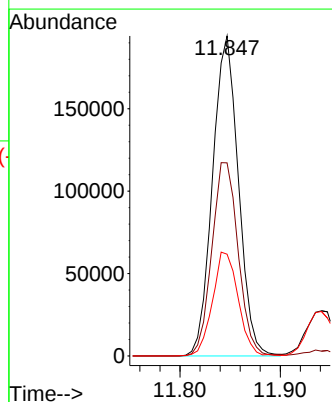
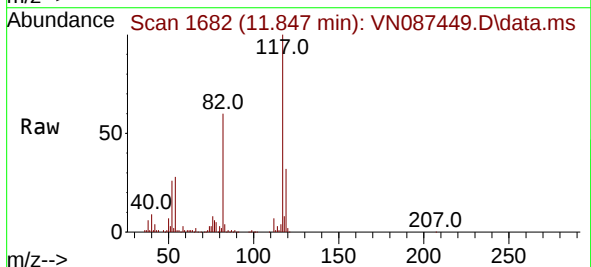
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

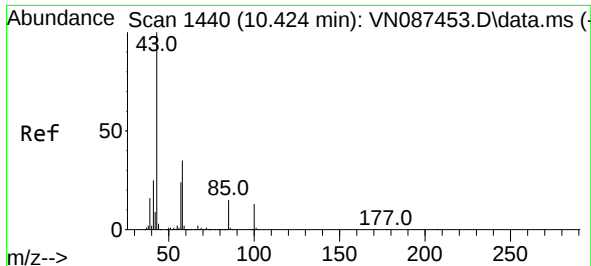
Tgt Ion:173 Resp: 57890
Ion Ratio Lower Upper
173 100
175 49.3 38.8 58.2
254 7.2 3.9 5.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:117 Resp: 347352
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 32.3 25.7 38.5

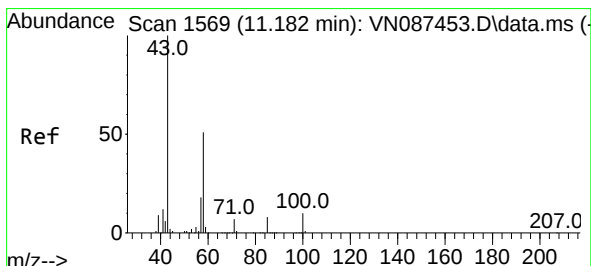
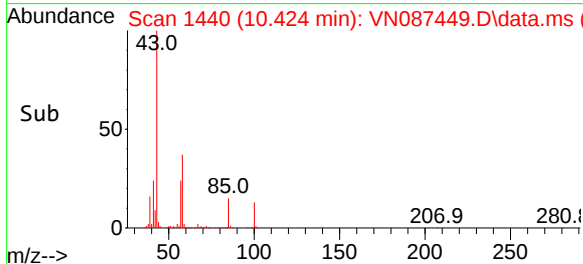
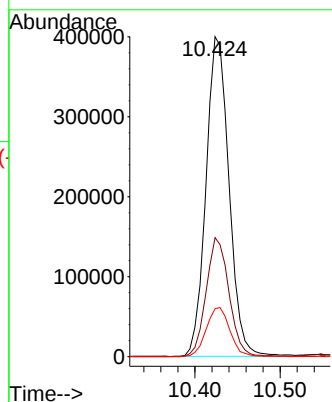
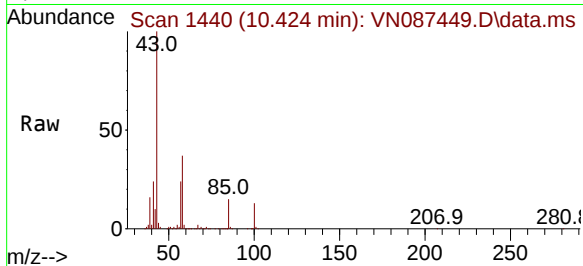




#58
4-Methyl-2-Pentanone
Concen: 84.003 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

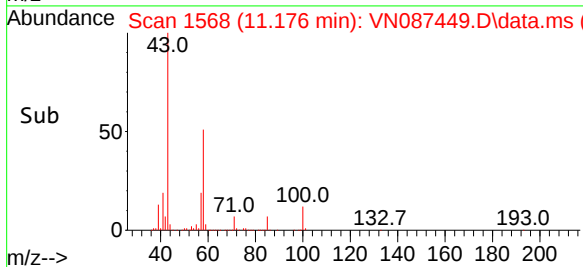
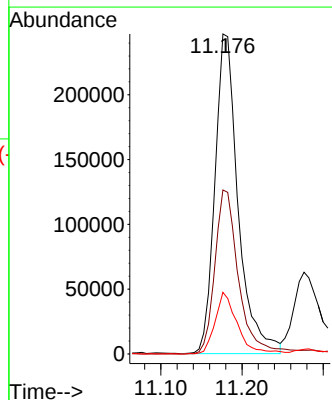
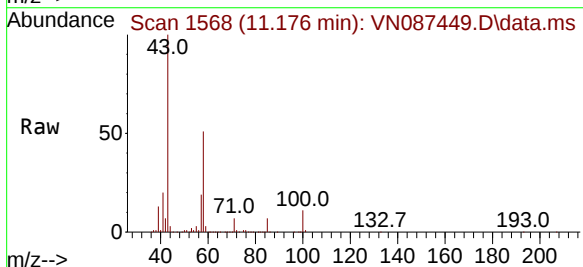
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

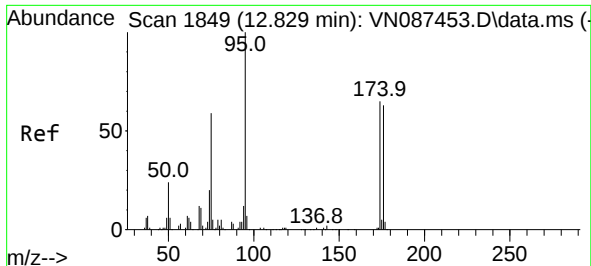
Tgt Ion: 43 Resp: 750610
Ion Ratio Lower Upper
43 100
58 37.1 29.0 43.6
85 15.9 12.7 19.1



#59
2-Hexanone
Concen: 80.899 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 43 Resp: 491160
Ion Ratio Lower Upper
43 100
58 52.5 41.0 61.6
57 18.1 14.6 21.8

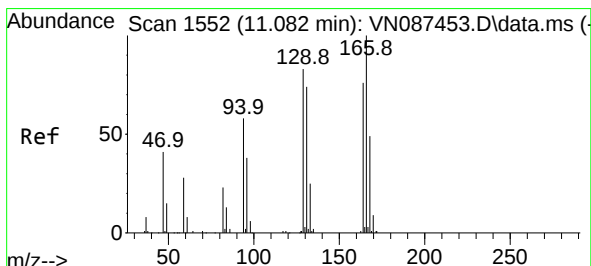
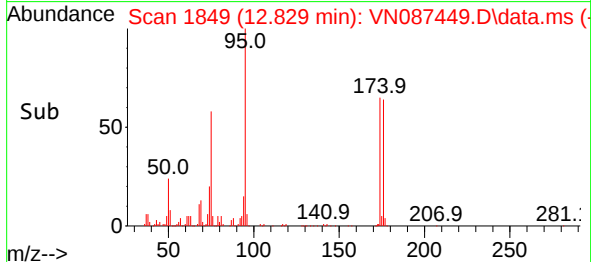
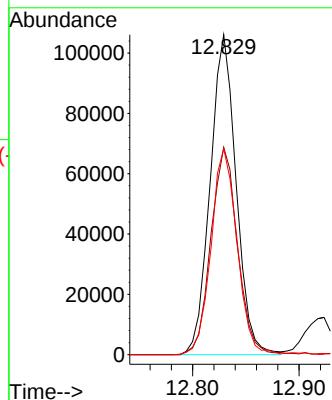
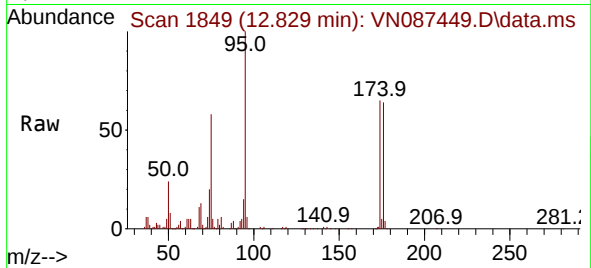




#60
4-Bromofluorobenzene
Concen: 30.081 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

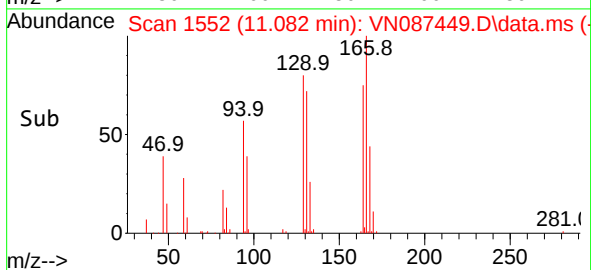
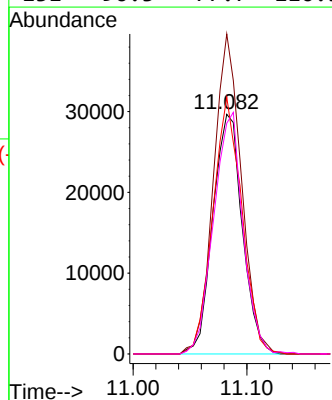
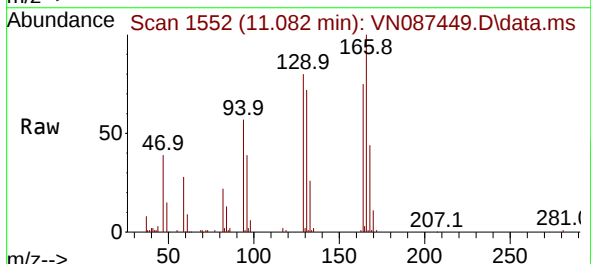
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

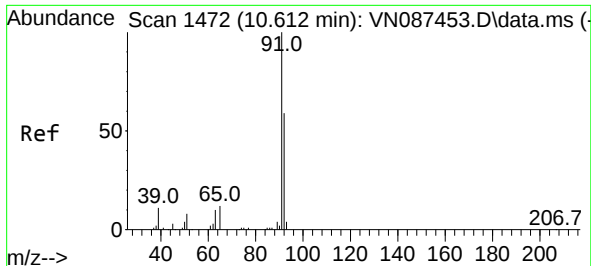
Tgt Ion: 95 Resp: 179814
Ion Ratio Lower Upper
95 100
174 66.0 52.3 78.5
176 64.3 49.8 74.8



#61
Tetrachloroethene
Concen: 15.795 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:164 Resp: 53450
Ion Ratio Lower Upper
164 100
166 133.5 105.4 158.0
129 107.1 87.7 131.5
131 96.3 77.7 116.5

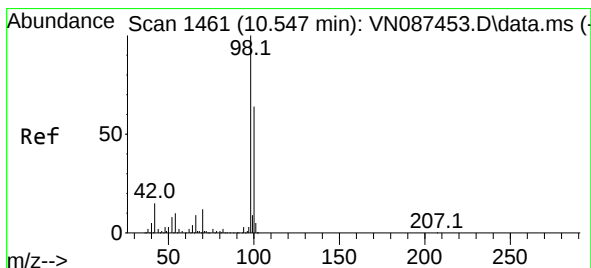
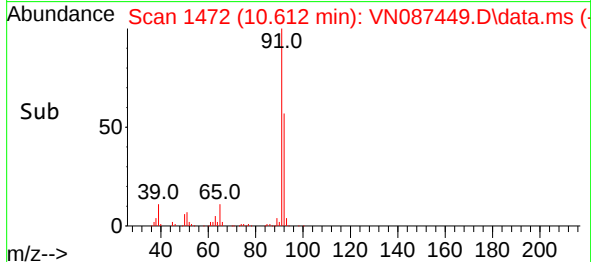
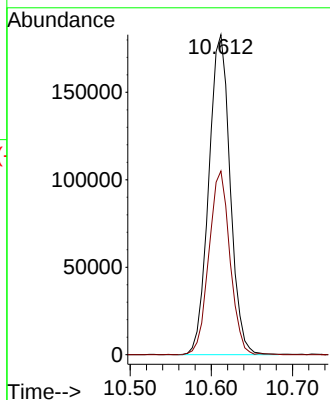
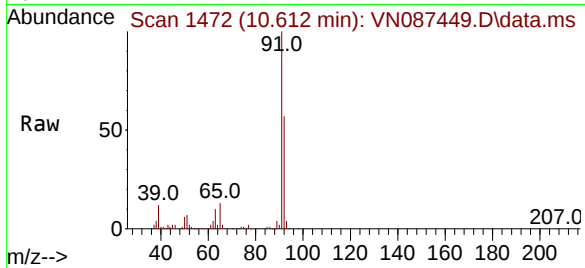




#62
Toluene
Concen: 15.612 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

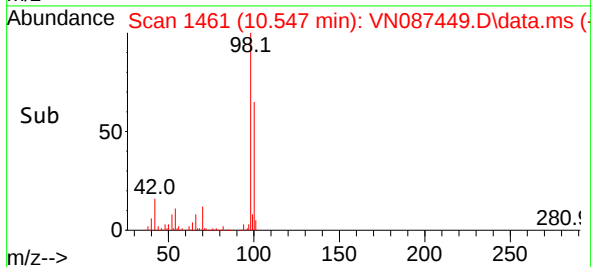
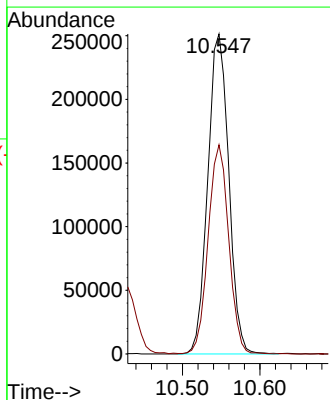
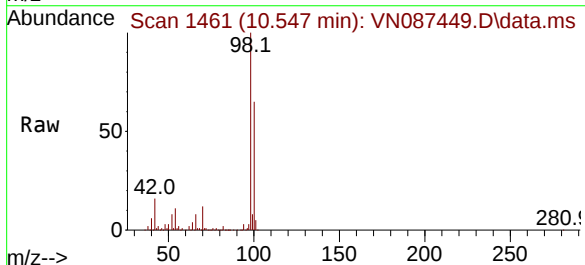
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

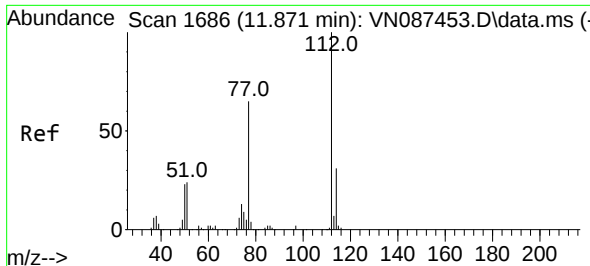
Tgt Ion: 91 Resp: 334708
Ion Ratio Lower Upper
91 100
92 56.3 45.8 68.6



#63
Toluene-d8
Concen: 29.560 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 98 Resp: 472449
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7

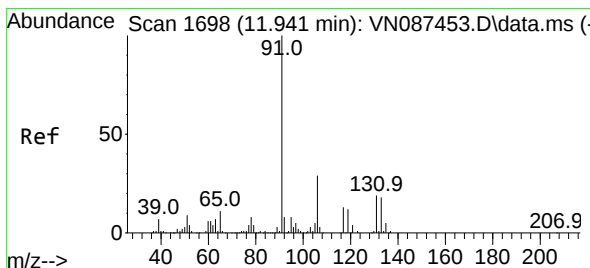
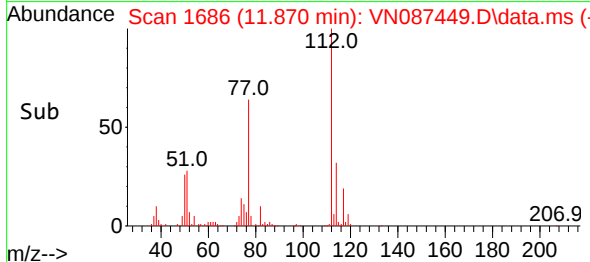
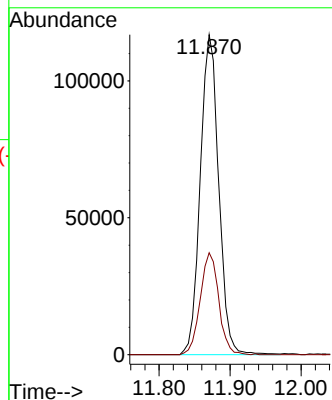
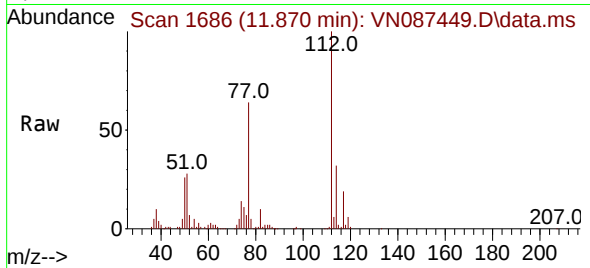




#64
Chlorobenzene
Concen: 16.046 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

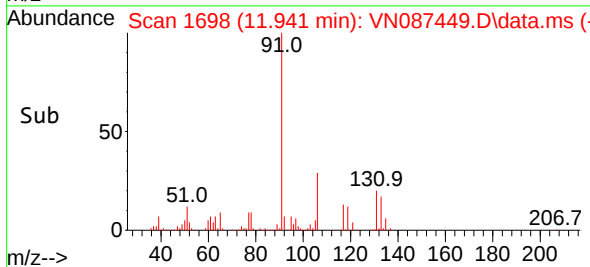
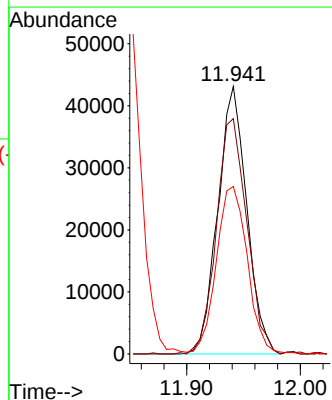
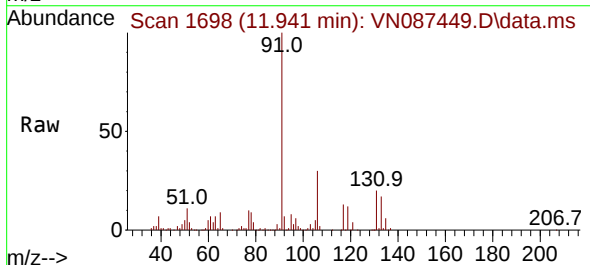
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

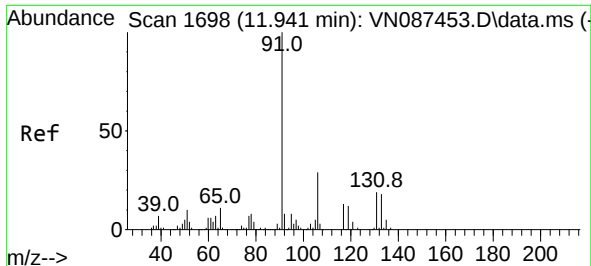
Tgt Ion:112 Resp: 211384
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1



#65
1,1,1,2-Tetrachloroethane
Concen: 16.473 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:131 Resp: 76298
Ion Ratio Lower Upper
131 100
133 92.7 0.0 189.8
119 66.0 0.0 133.2

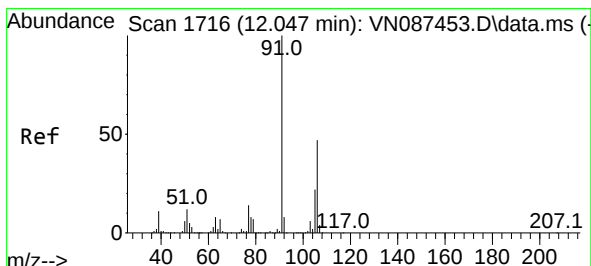
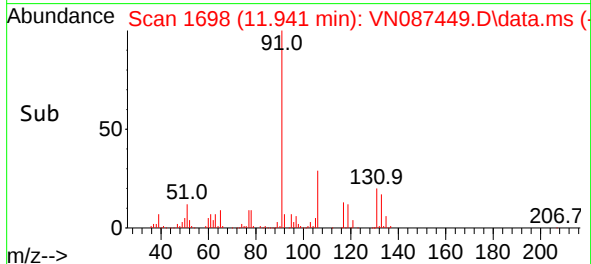
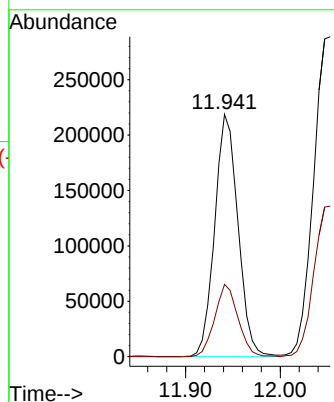
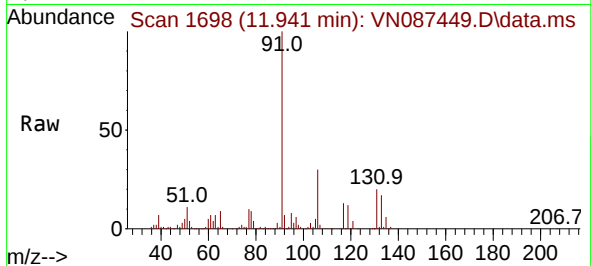




#66
Ethyl Benzene
Concen: 15.661 ug/l
RT: 11.941 min Scan# 1198
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

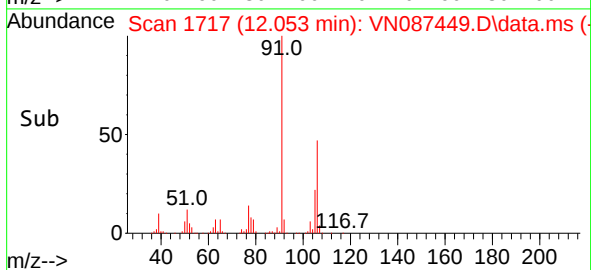
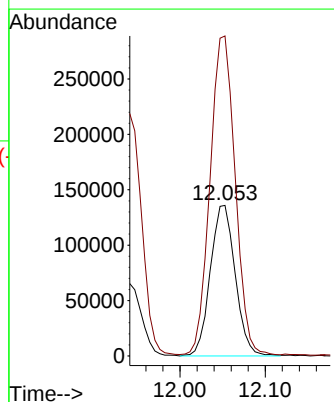
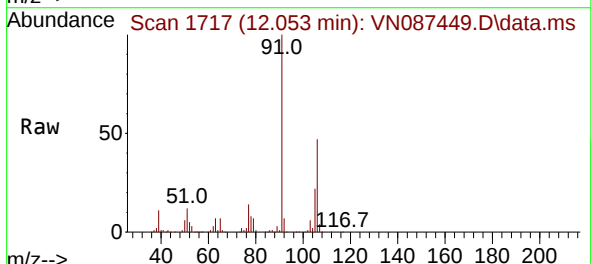
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

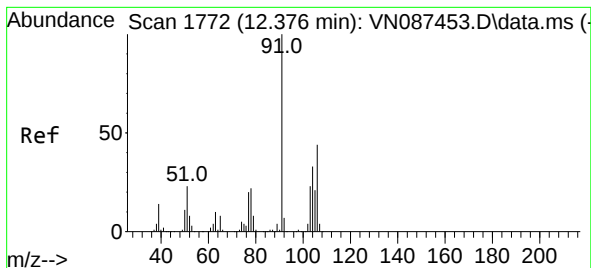
Tgt Ion: 91 Resp: 374218
Ion Ratio Lower Upper
91 100
106 29.9 22.9 34.3



#67
m/p-Xylenes
Concen: 31.449 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:106 Resp: 275843
Ion Ratio Lower Upper
106 100
91 215.1 174.2 261.2

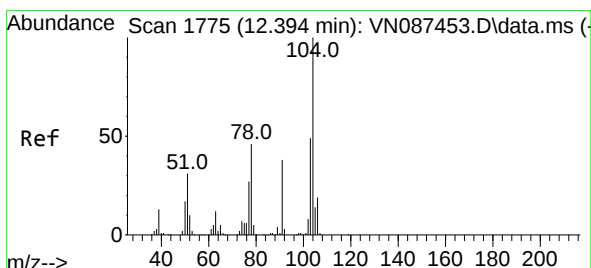
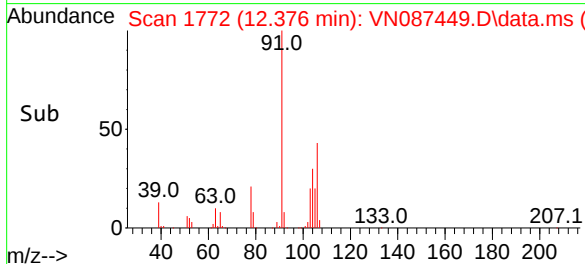
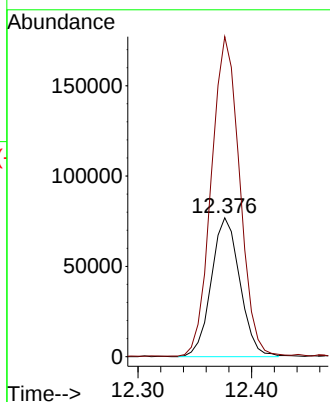
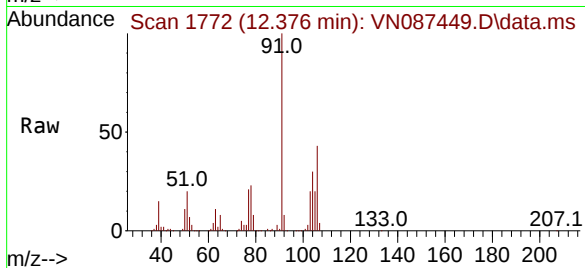




#68
o-Xylene
Concen: 15.587 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

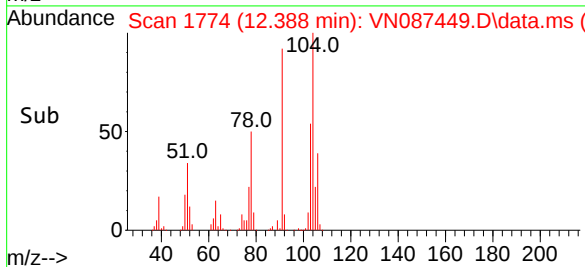
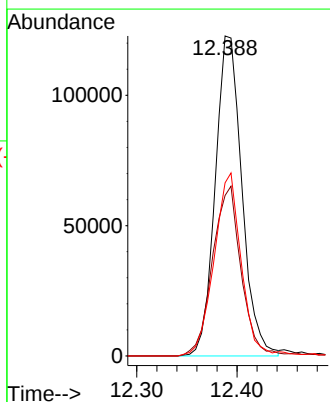
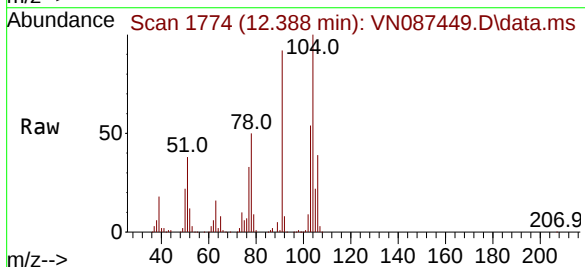
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

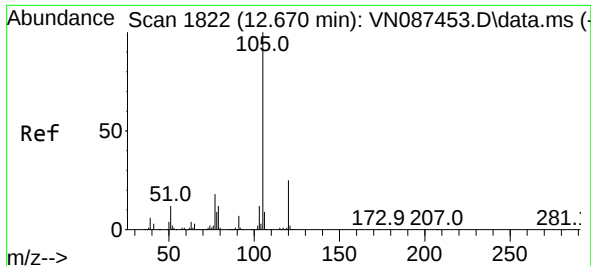
Tgt Ion:106 Resp: 134500
Ion Ratio Lower Upper
106 100
91 227.4 114.5 343.5



#69
Styrene
Concen: 15.412 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:104 Resp: 227083
Ion Ratio Lower Upper
104 100
78 56.6 43.8 65.8
103 57.5 43.1 64.7

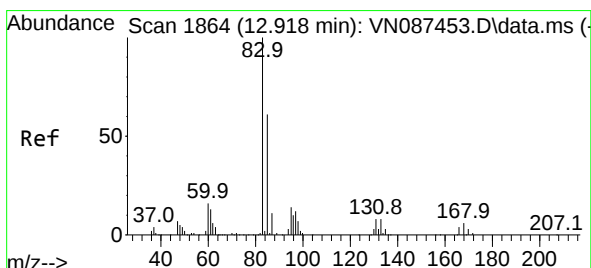
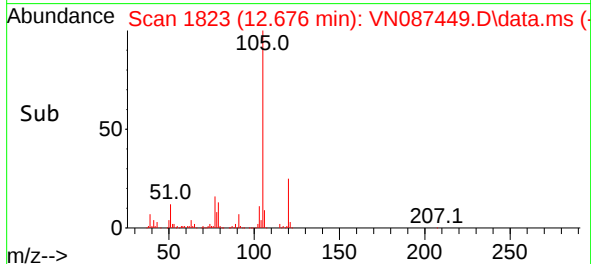
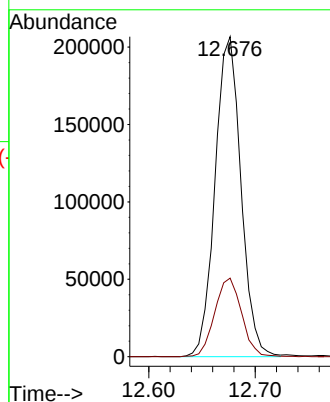
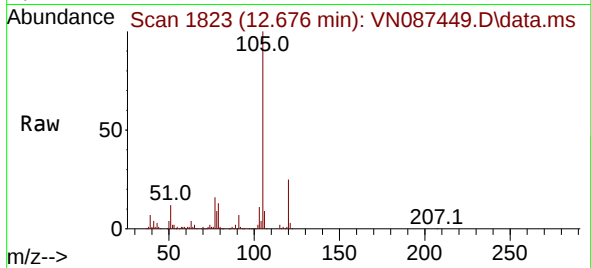




#70
Isopropylbenzene
Concen: 15.915 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

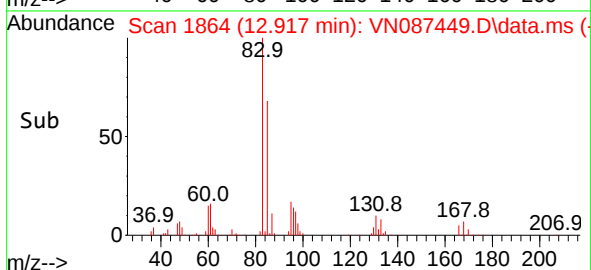
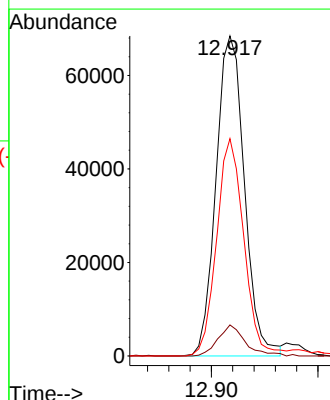
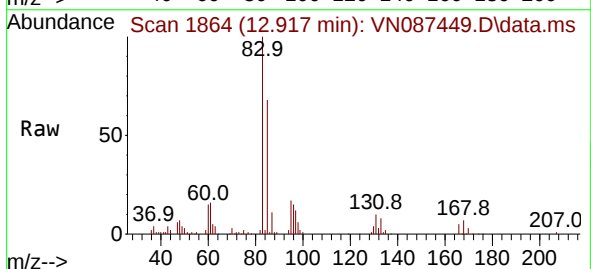
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

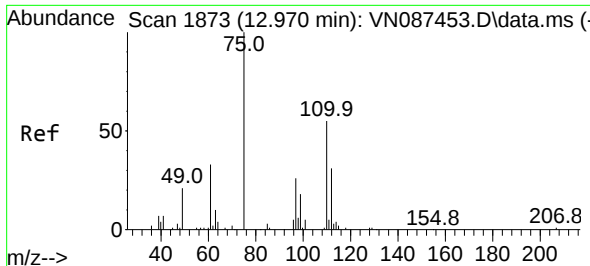
Tgt Ion:105 Resp: 348898
Ion Ratio Lower Upper
105 100
120 25.4 17.5 32.5



#71
1,1,2,2-Tetrachloroethane
Concen: 16.872 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 83 Resp: 126729
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 65.1 31.7 95.1

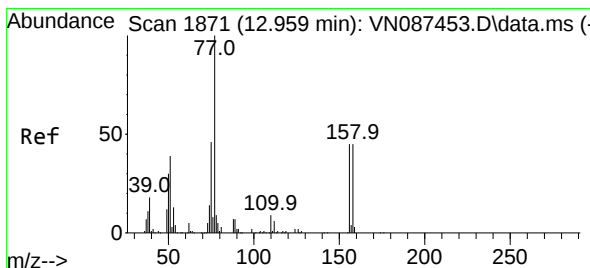
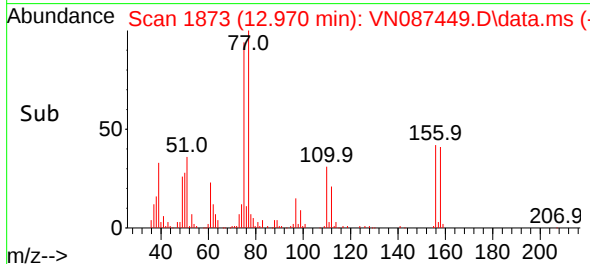
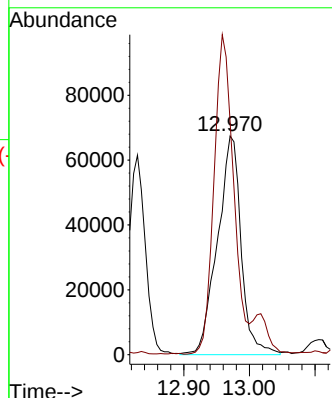
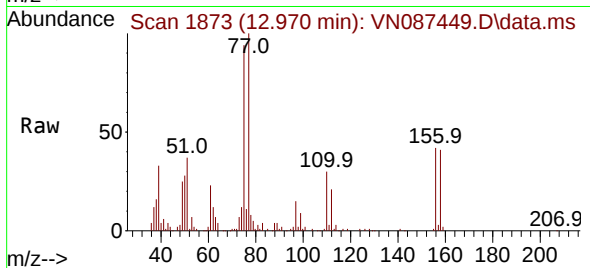




#72
1,2,3-Trichloropropane
Concen: 24.117 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

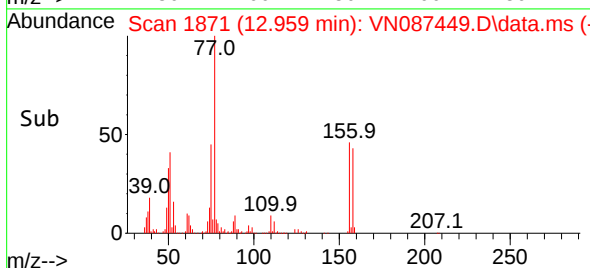
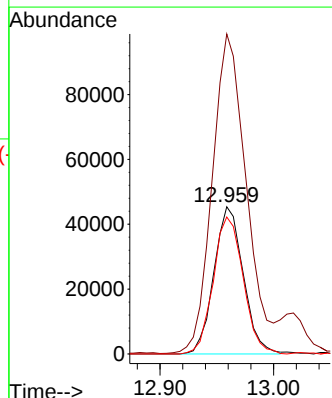
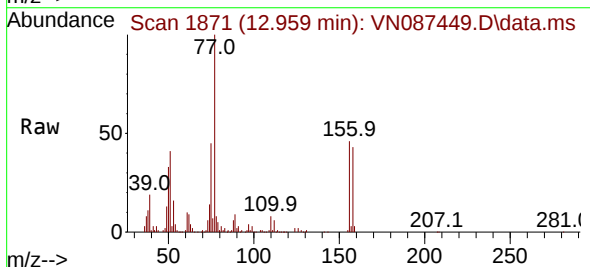
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

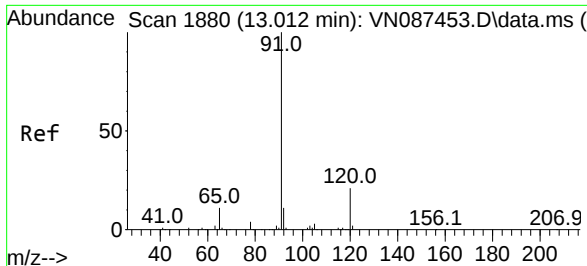
Tgt Ion: 75 Resp: 168755
Ion Ratio Lower Upper
75 100
77 120.9 0.0 385.0



#73
Bromobenzene
Concen: 16.003 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:156 Resp: 81330
Ion Ratio Lower Upper
156 100
77 250.9 0.0 506.6
158 95.0 0.0 193.6

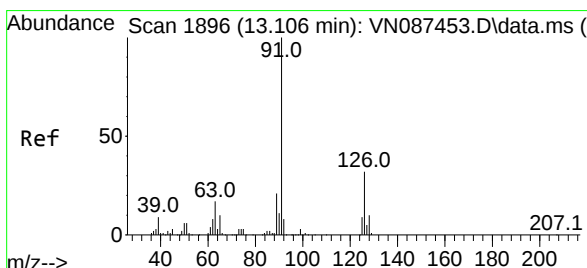
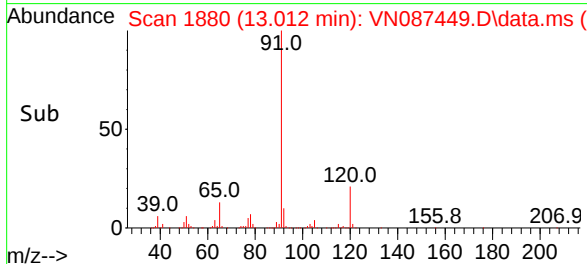
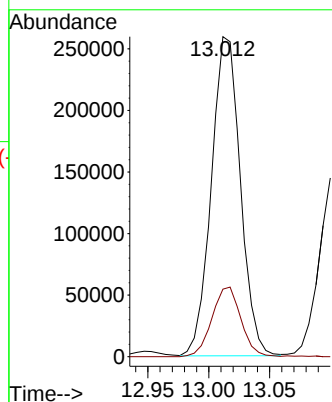
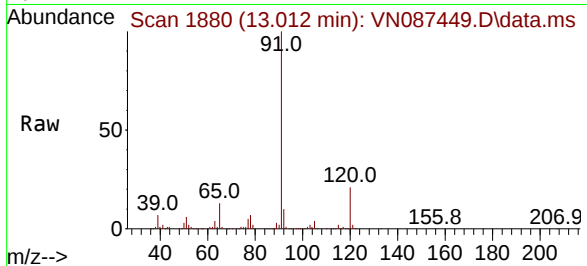




#74
n-propylbenzene
Concen: 15.721 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

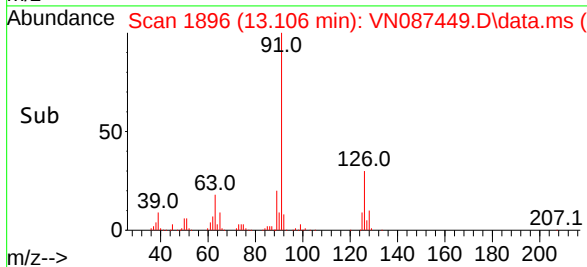
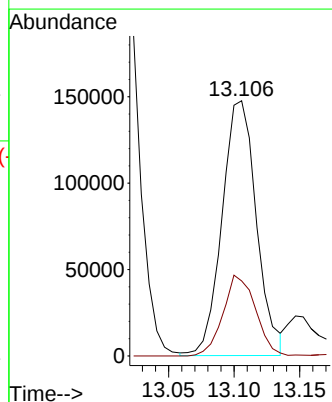
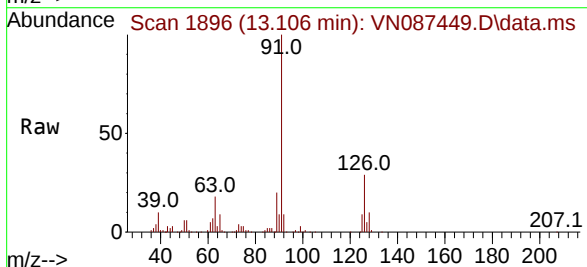
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

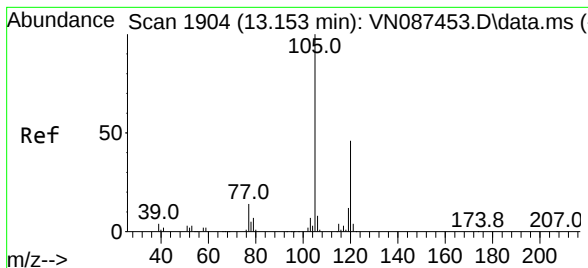
Tgt Ion: 91 Resp: 430433
Ion Ratio Lower Upper
91 100
120 21.7 0.0 41.8



#75
2-Chlorotoluene
Concen: 15.973 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 91 Resp: 269013
Ion Ratio Lower Upper
91 100
126 30.0 0.0 60.4

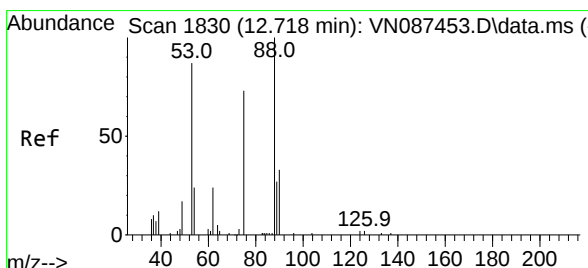
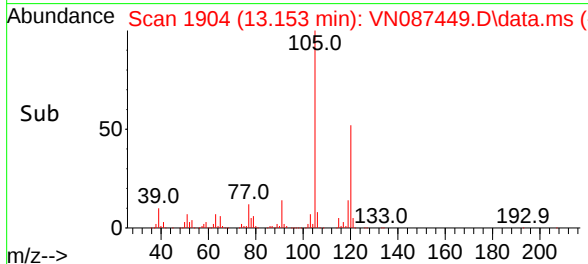
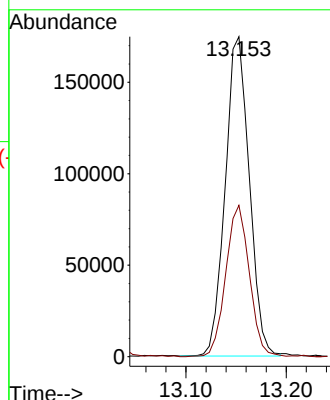
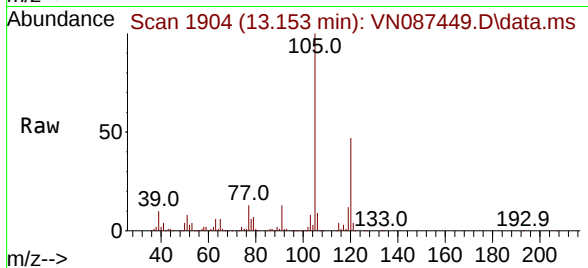




#76
 1,3,5-Trimethylbenzene
 Concen: 15.471 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VN087449.D
 Acq: 05 Aug 2025 11:21

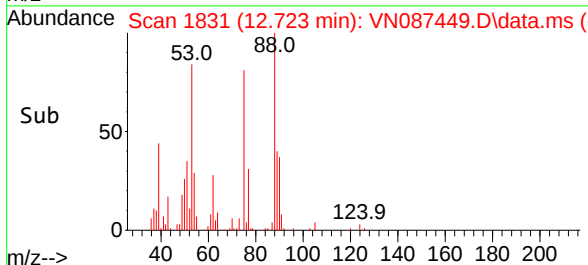
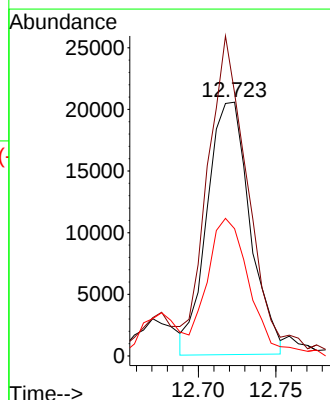
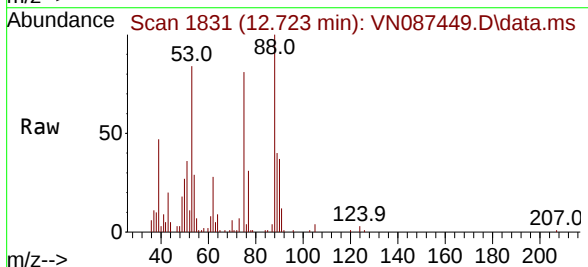
Instrument : MSVOA_N
 ClientSampleId : VN0805WBS01

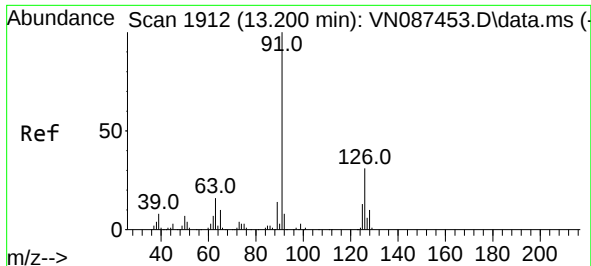
Tgt Ion:105 Resp: 290403
 Ion Ratio Lower Upper
 105 100
 120 46.6 0.0 91.2



#77
 t-1,4-Dichloro-2-butene
 Concen: 14.898 ug/l
 RT: 12.723 min Scan# 1831
 Delta R.T. 0.006 min
 Lab File: VN087449.D
 Acq: 05 Aug 2025 11:21

Tgt Ion: 75 Resp: 39463
 Ion Ratio Lower Upper
 75 100
 53 102.4 59.0 176.8
 89 49.4 22.1 66.5

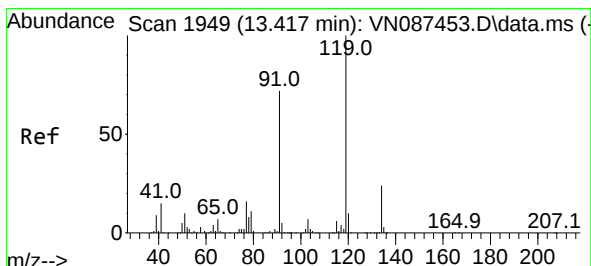
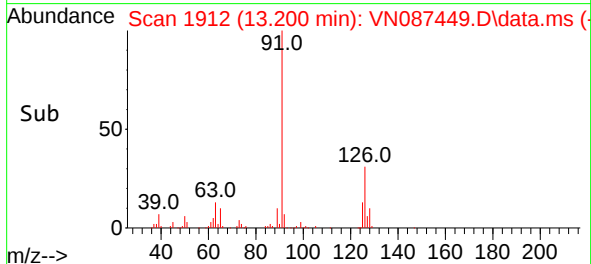
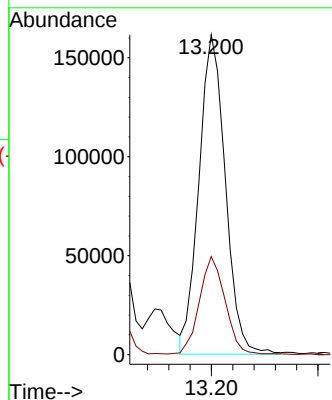
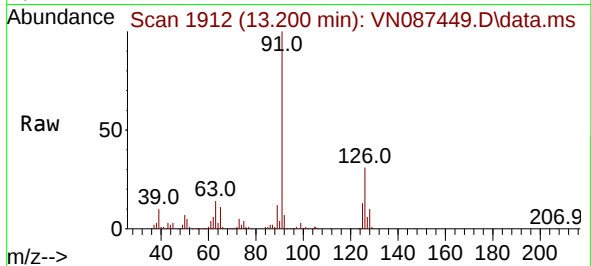




#78
4-Chlorotoluene
Concen: 16.293 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

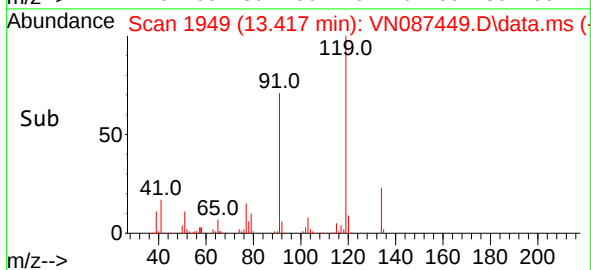
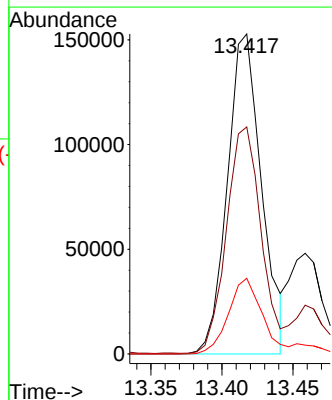
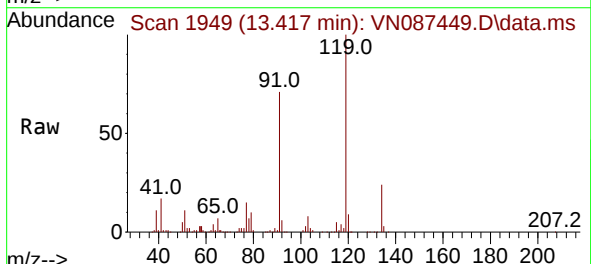
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

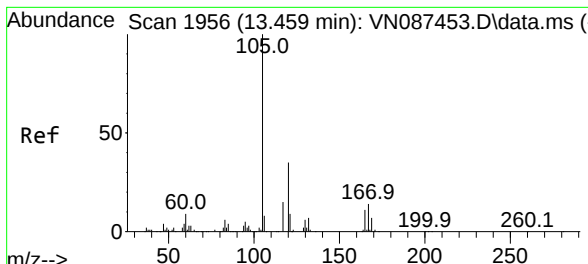
Tgt Ion: 91 Resp: 278069
Ion Ratio Lower Upper
91 100
126 29.3 0.0 63.2



#79
tert-butylbenzene
Concen: 16.186 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 119 Resp: 256159
Ion Ratio Lower Upper
119 100
91 71.1 0.0 141.6
134 23.2 0.0 45.6

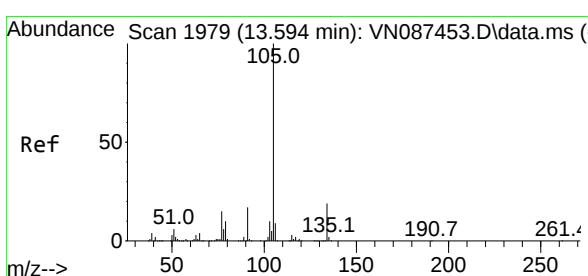
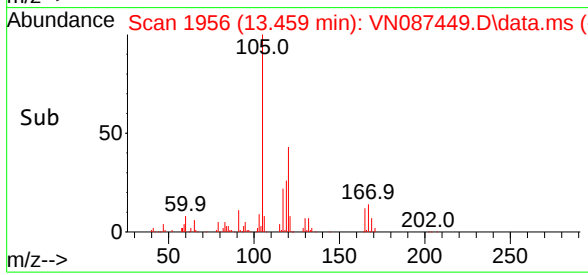
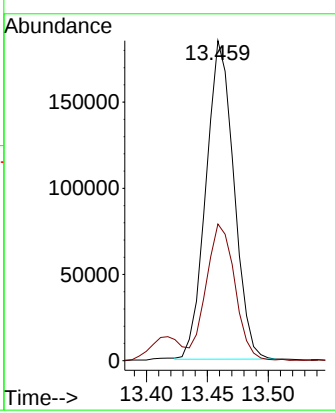
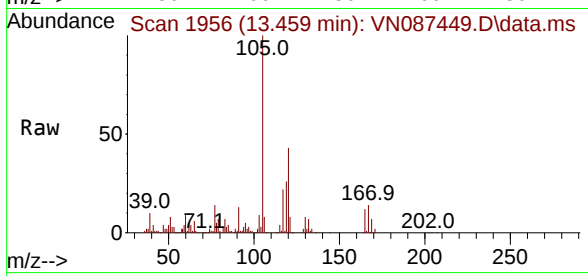




#80
 1,2,4-Trimethylbenzene
 Concen: 15.693 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087449.D
 Acq: 05 Aug 2025 11:21

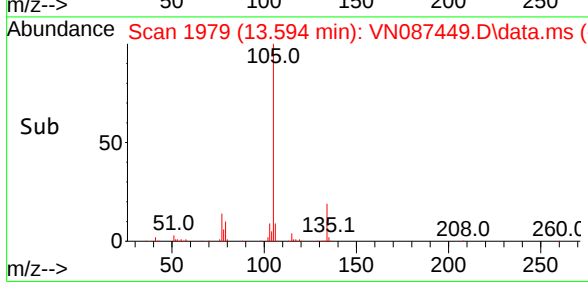
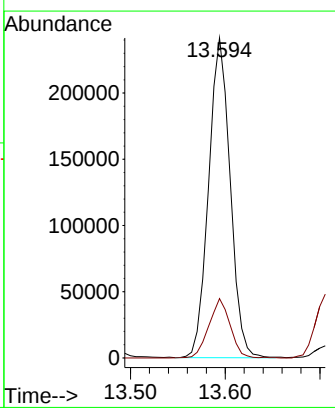
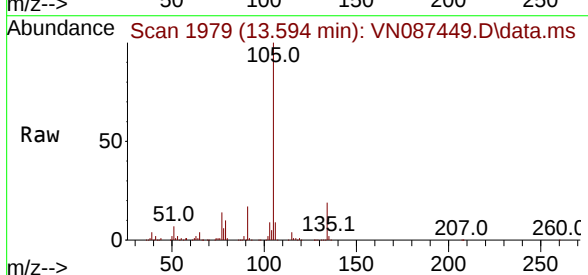
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS01

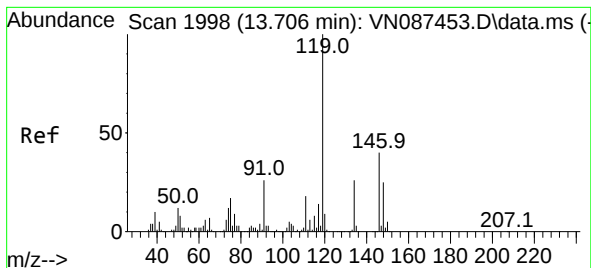
Tgt Ion:	105	Resp:	294348
Ion Ratio	Lower	Upper	
105	100		
120	43.7	0.0	87.2



#81
 sec-Butylbenzene
 Concen: 16.570 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087449.D
 Acq: 05 Aug 2025 11:21

Tgt Ion:	105	Resp:	381757
Ion Ratio	Lower	Upper	
105	100		
134	18.3	0.0	37.6





#82

p-Isopropyltoluene

Concen: 16.192 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087449.D

Acq: 05 Aug 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBS01

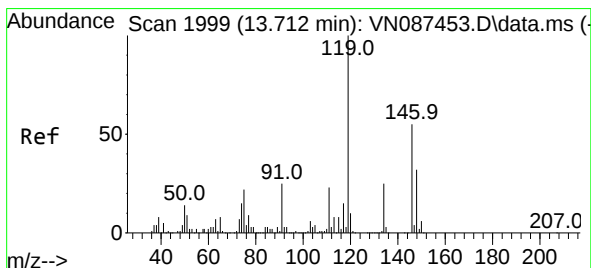
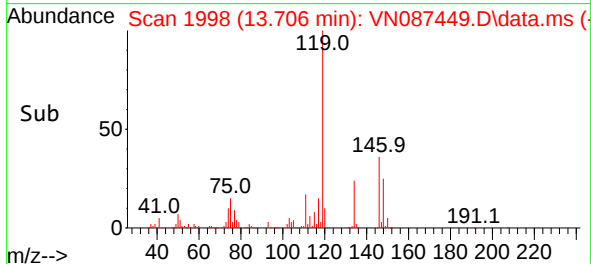
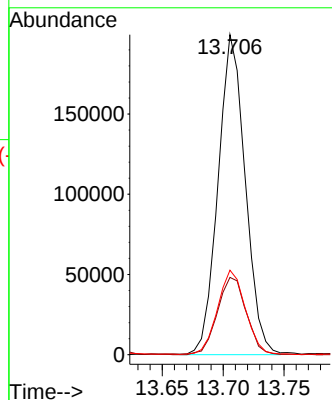
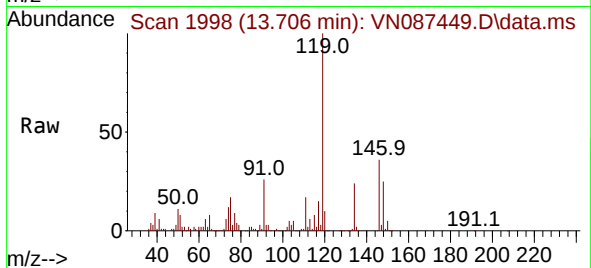
Tgt Ion:119 Resp: 309733

Ion Ratio Lower Upper

119 100

134 25.6 0.0 51.4

91 26.9 0.0 52.0



#83

1,3-Dichlorobenzene

Concen: 15.920 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087449.D

Acq: 05 Aug 2025 11:21

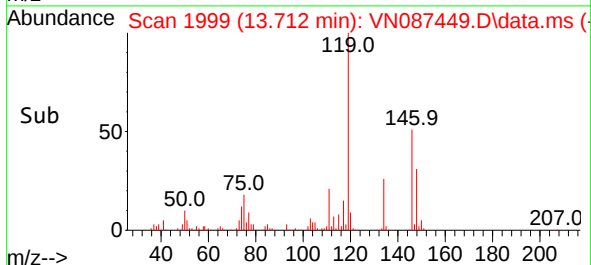
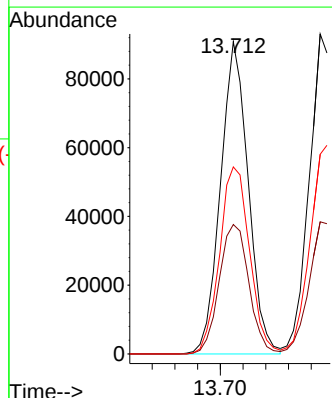
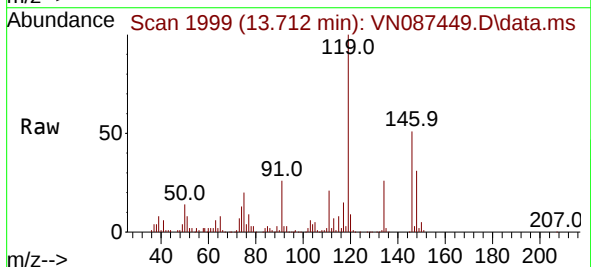
Tgt Ion:146 Resp: 154066

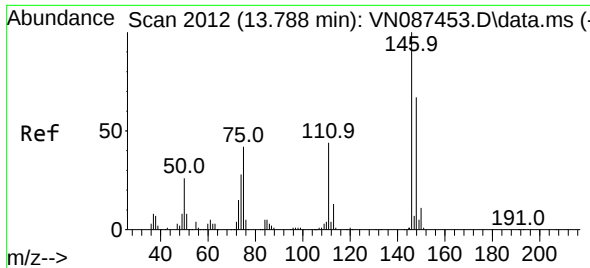
Ion Ratio Lower Upper

146 100

111 44.5 21.9 65.5

148 64.8 31.3 93.9

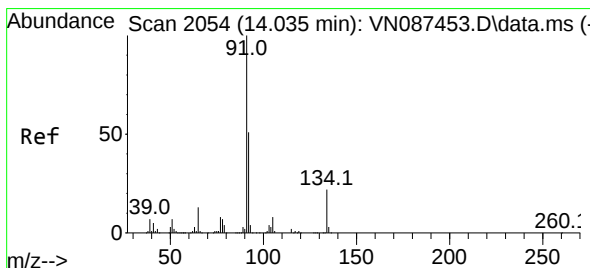
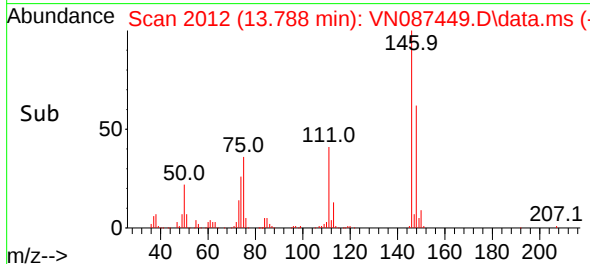
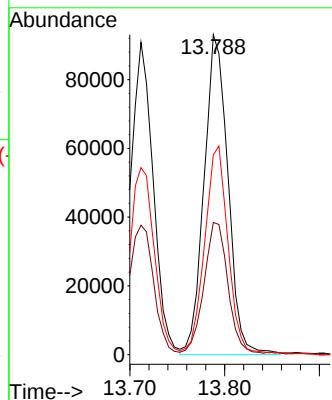
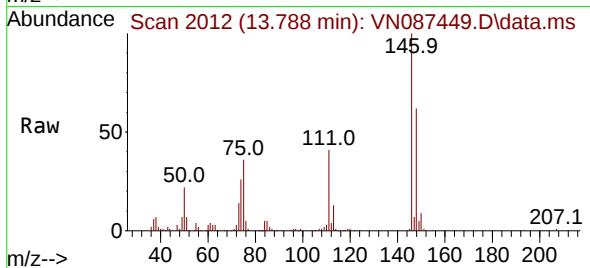




#84
1,4-Dichlorobenzene
Concen: 16.622 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

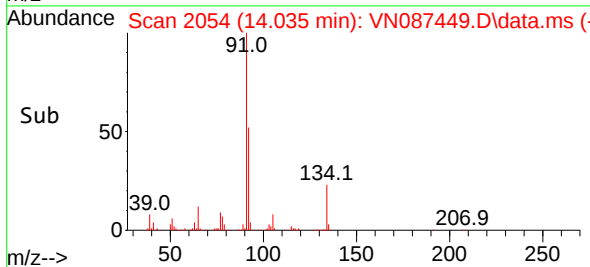
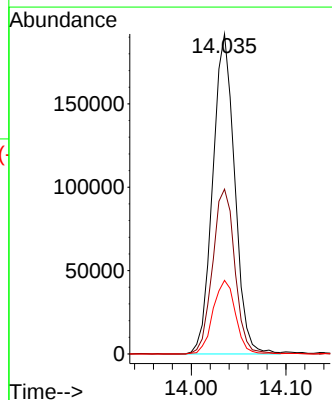
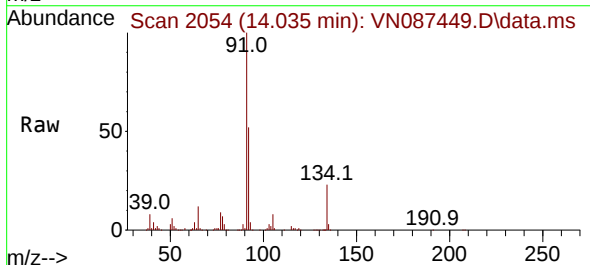
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

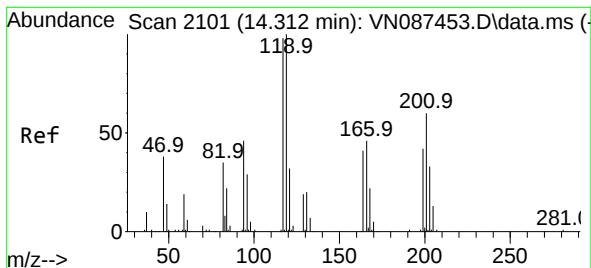
Tgt Ion:146 Resp: 163082
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.1
148 63.9 31.4 94.3



#85
n-Butylbenzene
Concen: 16.492 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion: 91 Resp: 308662
Ion Ratio Lower Upper
91 100
92 52.3 0.0 106.6
134 23.5 0.0 44.4





#86

Hexachloroethane

Concen: 16.406 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087449.D

Acq: 05 Aug 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

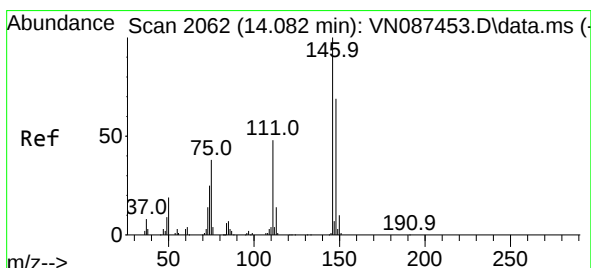
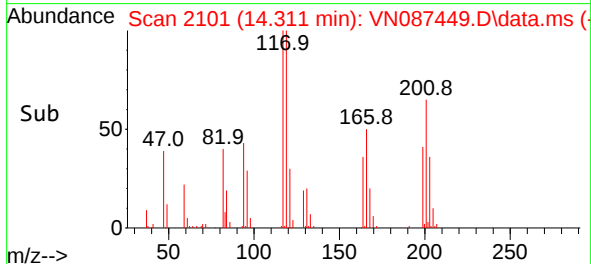
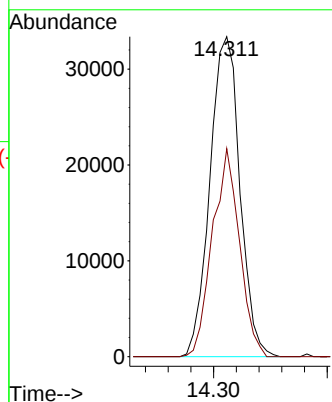
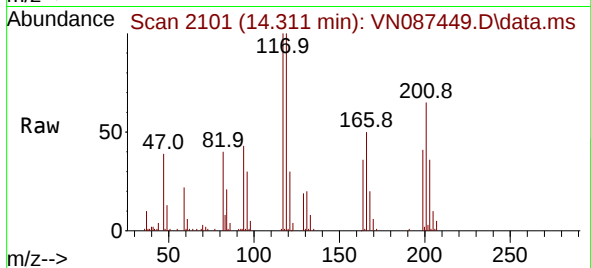
VN0805WBS01

Tgt Ion:117 Resp: 61287

Ion Ratio Lower Upper

117 100

201 58.7 29.1 87.4



#87

1,2-Dichlorobenzene

Concen: 16.584 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087449.D

Acq: 05 Aug 2025 11:21

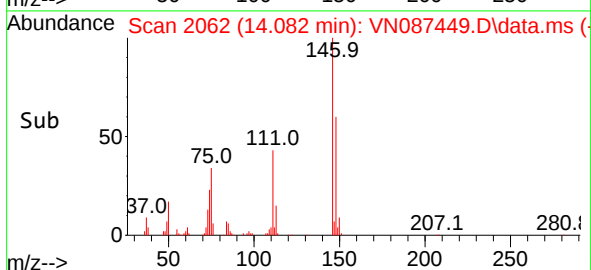
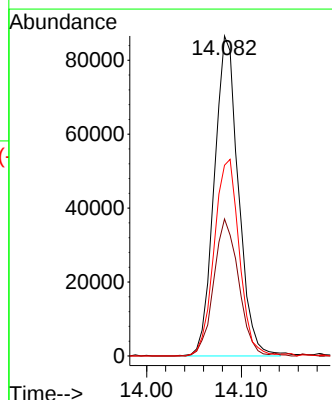
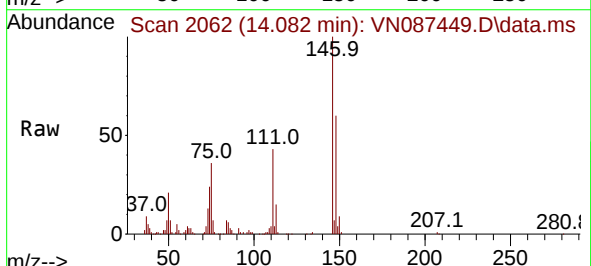
Tgt Ion:146 Resp: 153193

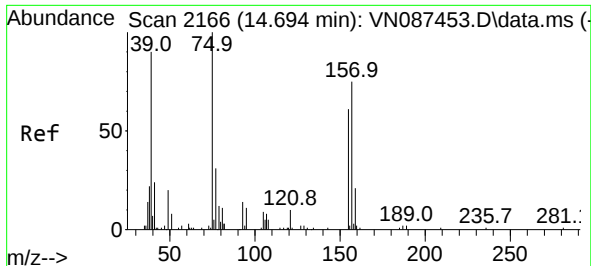
Ion Ratio Lower Upper

146 100

111 44.0 22.9 68.7

148 63.9 31.6 94.7

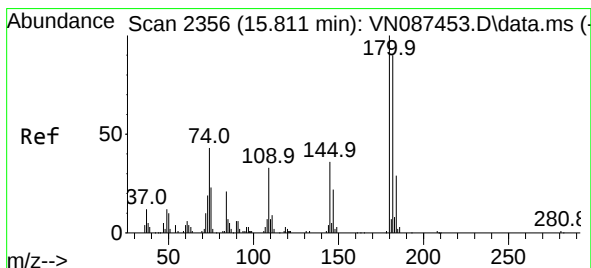
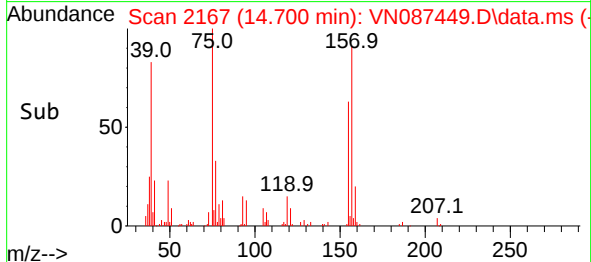
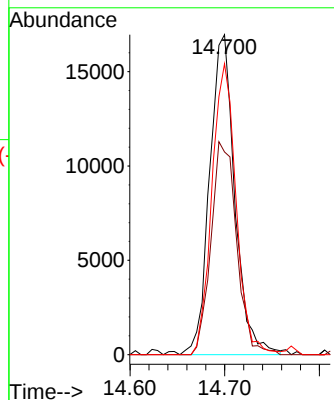
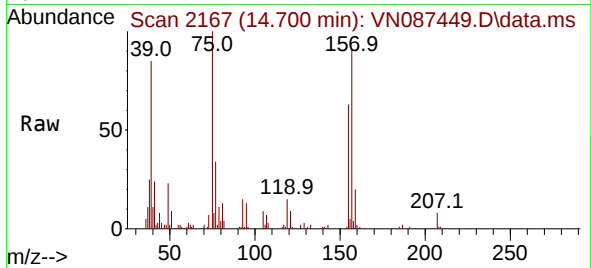




#88
1,2-Dibromo-3-Chloropropane
Concen: 16.450 ug/l
RT: 14.700 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

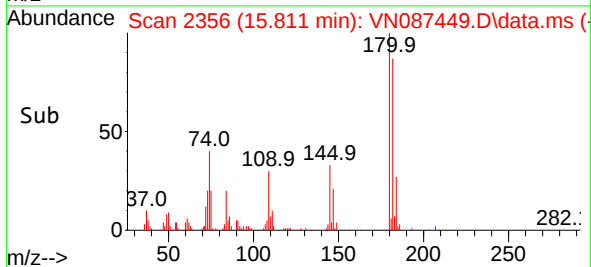
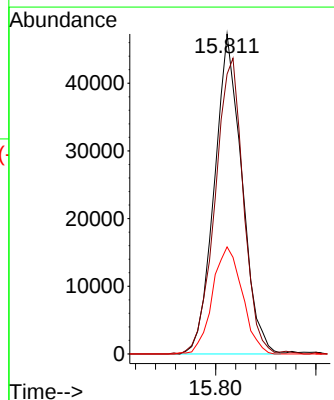
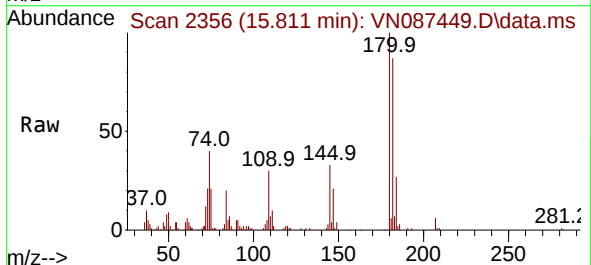
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

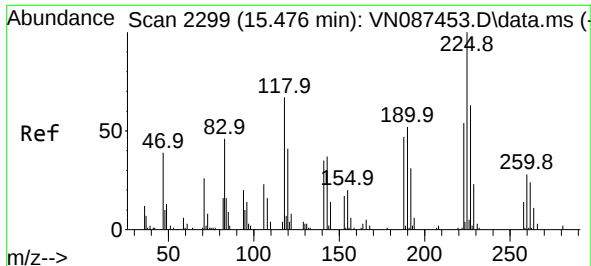
Tgt Ion: 75 Resp: 31301
Ion Ratio Lower Upper
75 100
155 66.5 55.7 83.5
157 87.4 65.8 98.6



#89
1,2,4-Trichlorobenzene
Concen: 16.337 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

Tgt Ion:180 Resp: 90191
Ion Ratio Lower Upper
180 100
182 94.5 75.0 112.4
145 36.1 28.6 43.0

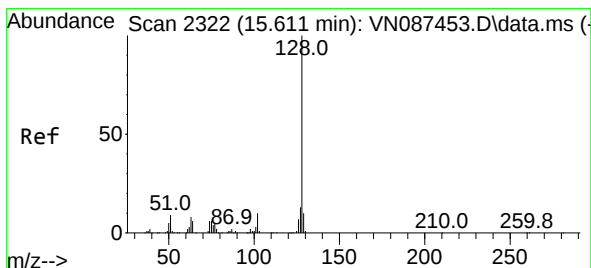
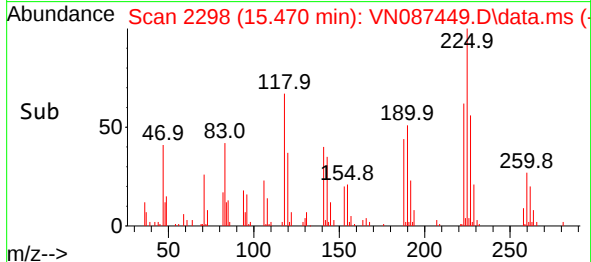
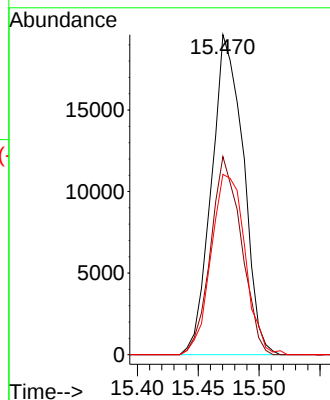
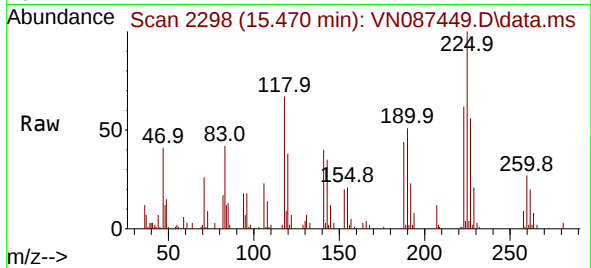




#90
Hexachlorobutadiene
Concen: 16.606 ug/l
RT: 15.470 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

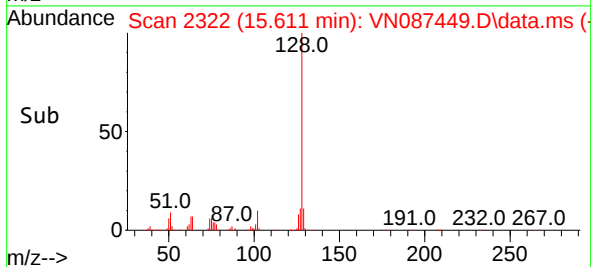
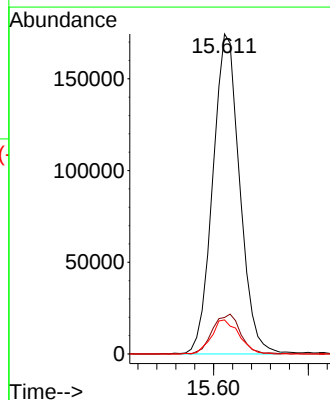
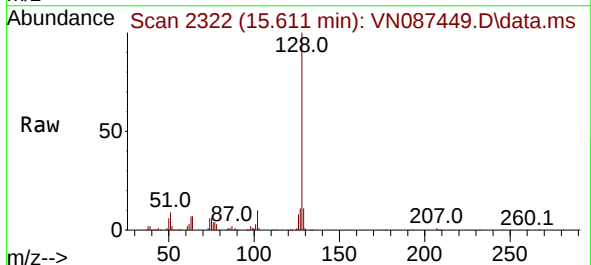
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS01

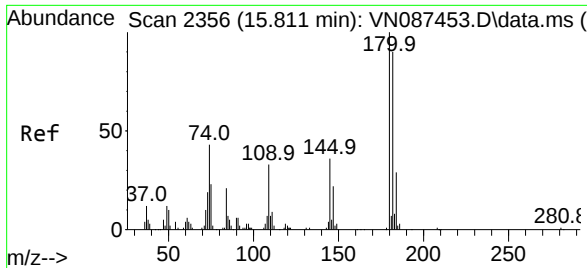
Tgt Ion:225 Resp: 35648
Ion Ratio Lower Upper
225 100
223 59.9 0.0 116.0
227 59.8 0.0 127.0



#91
Naphthalene
Concen: 16.354 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087449.D
Acq: 05 Aug 2025 11:21

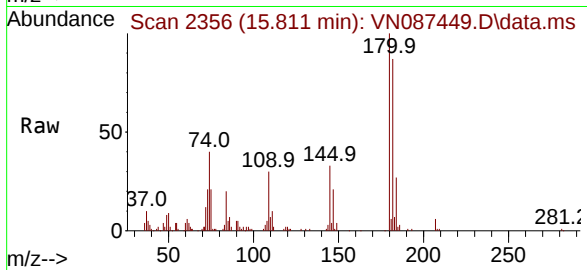
Tgt Ion:128 Resp: 344262
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 16.337 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087449.D
 Acq: 05 Aug 2025 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS01



Tgt Ion:	180	Resp:	90191
Ion Ratio	Lower	Upper	
180	100		
182	94.5	0.0	187.4
145	36.1	0.0	71.6

