

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087459.D
 Acq On : 05 Aug 2025 16:17
 Operator : JC\MD
 Sample : VN0805WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS02

Quant Time: Aug 06 02:41:30 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	69933	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	387635	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	345816	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	193705	30.030	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.100%	
60) 4-Bromofluorobenzene	12.829	95	183875	30.897	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.000%	
63) Toluene-d8	10.547	98	488074	30.674	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.233%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	90357	19.790	ug/l	96
3) Chloromethane	2.383	50	89767	19.162	ug/l	98
4) Vinyl Chloride	2.542	62	95110	19.142	ug/l	97
5) Bromomethane	2.983	94	54667	20.327	ug/l	89
6) Chloroethane	3.142	64	59839	18.677	ug/l	96
7) Trichlorofluoromethane	3.512	101	135051	18.887	ug/l	99
8) Diethyl Ether	3.965	74	55670	18.687	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	67747	18.579	ug/l	64
10) 1,1-Dichloroethene	4.330	96	74028	19.328	ug/l	90
11) Methyl Iodide	4.583	142	49081	16.274	ug/l	96
12) Methyl Acetate	5.018	43	130786	18.504	ug/l #	91
13) Acrolein	4.177	56	105382	97.618	ug/l	100
14) Acrylonitrile	5.712	53	293326	95.038	ug/l	97
15) Acetone	4.424	58	83888	95.126	ug/l	99
16) Carbon Disulfide	4.700	76	223354	18.799	ug/l	98
17) Allyl chloride	5.018	41	141738	18.156	ug/l	96
18) Methylene Chloride	5.265	84	89525	18.156	ug/l	94
19) trans-1,2-Dichloroethene	5.783	96	80631	17.703	ug/l	97
20) Diisopropyl ether	6.665	45	331415	18.635	ug/l	96
21) 1,1-Dichloroethane	6.559	63	169931	18.485	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	102932	18.367	ug/l	99
23) tert-Butyl Alcohol	5.518	59	125827	95.942	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	318368	18.242	ug/l	98
25) Chloroform	7.947	83	177551	18.503	ug/l	94
26) Cyclohexane	8.236	56	140655	19.110	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	116842	18.481	ug/l	99
30) 2-Butanone	7.471	43	430868	92.455	ug/l	100
31) 2,2-Dichloropropane	7.477	77	153167	18.784	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	150687	18.688	ug/l	95
33) Carbon Tetrachloride	8.347	117	122140	18.233	ug/l	96
34) Benzene	8.588	78	368280	18.453	ug/l	99
35) Methacrylonitrile	7.765	41	96374	19.163	ug/l	93
36) 1,2-Dichloroethane	8.653	62	150384	18.643	ug/l	100
37) Trichloroethene	9.335	130	81601	18.562	ug/l	93
38) Methylcyclohexane	9.582	83	141390	19.277	ug/l	99
39) 1,2-Dichloropropane	9.600	63	94473	18.463	ug/l	99
40) Dibromomethane	9.694	93	69720	18.160	ug/l	96
41) Bromodichloromethane	9.871	83	143179	17.947	ug/l	97
42) Vinyl Acetate	6.594	43	1416485	92.296	ug/l	100

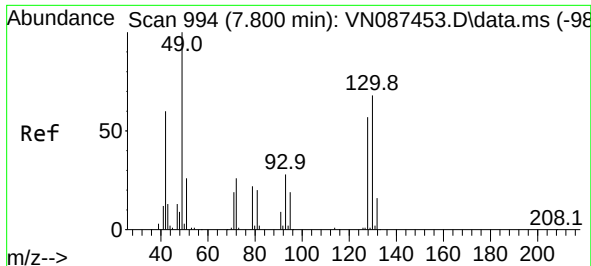
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	171292	19.026	ug/l	96
44) Isopropyl Acetate	8.677	43	283980	18.608	ug/l	98
45) 1,4-Dioxane	9.682	88	39804	409.125	ug/l #	68
46) Methyl methacrylate	9.665	41	125699	17.449	ug/l	91
47) n-amyl Acetate	12.523	43	23716	2.813	ug/l #	76
48) t-1,3-Dichloropropene	10.818	75	157664	18.165	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	161680	18.510	ug/l	97
50) 1,1,2-Trichloroethane	11.000	97	88006	18.143	ug/l	97
51) Ethyl methacrylate	10.859	69	151713	17.759	ug/l	98
52) 1,3-Dichloropropane	11.147	76	159776	18.283	ug/l	100
53) Dibromochloromethane	11.341	129	102903	18.369	ug/l	100
54) 1,2-Dibromoethane	11.453	107	95094	18.467	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	445893	99.148	ug/l	99
56) Bromoform	12.565	173	63691	17.189	ug/l #	99
58) 4-Methyl-2-Pentanone	10.429	43	845319	95.022	ug/l	100
59) 2-Hexanone	11.182	43	562782	93.108	ug/l	99
61) Tetrachloroethene	11.082	164	64602	19.175	ug/l	91
62) Toluene	10.612	91	397589	18.628	ug/l	99
64) Chlorobenzene	11.871	112	244781	18.664	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.941	131	86126	18.678	ug/l	96
66) Ethyl Benzene	11.941	91	447834	18.825	ug/l	98
67) m/p-Xylenes	12.053	106	326294	37.367	ug/l	98
68) o-Xylene	12.376	106	159596	18.578	ug/l	100
69) Styrene	12.394	104	272250	18.560	ug/l	99
70) Isopropylbenzene	12.676	105	407629	18.677	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	139898	18.708	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	190640	27.365	ug/l	54
73) Bromobenzene	12.959	156	91679	18.120	ug/l	98
74) n-propylbenzene	13.018	91	514787	18.886	ug/l	99
75) 2-Chlorotoluene	13.106	91	312510	18.639	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	354138	18.951	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	46125	17.490	ug/l	90
78) 4-Chlorotoluene	13.200	91	317821	18.705	ug/l	100
79) tert-butylbenzene	13.418	119	289670	18.385	ug/l	97
80) 1,2,4-Trimethylbenzene	13.465	105	357197	19.129	ug/l	97
81) sec-Butylbenzene	13.594	105	441251	19.237	ug/l	99
82) p-Isopropyltoluene	13.706	119	363013	19.061	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	181191	18.806	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	187318	19.177	ug/l	99
85) n-Butylbenzene	14.035	91	367098	19.701	ug/l	98
86) Hexachloroethane	14.306	117	70328	18.910	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	176099	19.148	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	35483	18.730	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	103561	18.842	ug/l	99
90) Hexachlorobutadiene	15.476	225	40240	18.828	ug/l	97
91) Naphthalene	15.617	128	396205	18.905	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	103561	18.842	ug/l	99

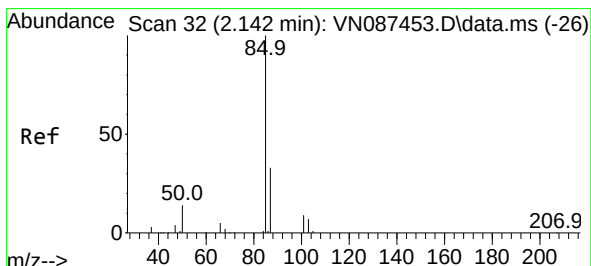
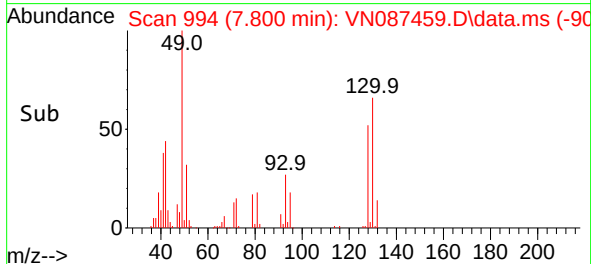
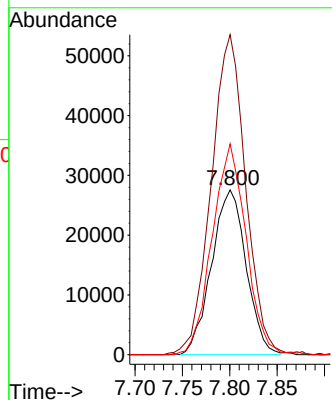
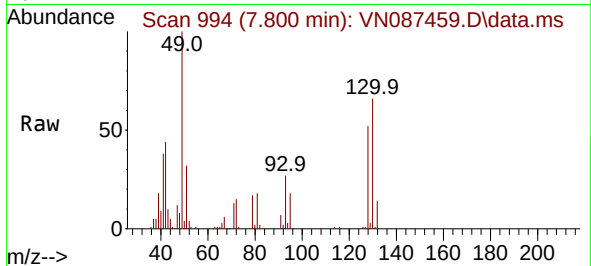
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

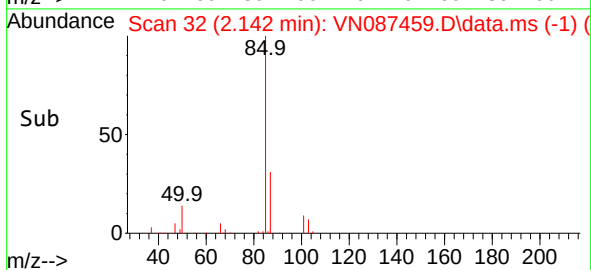
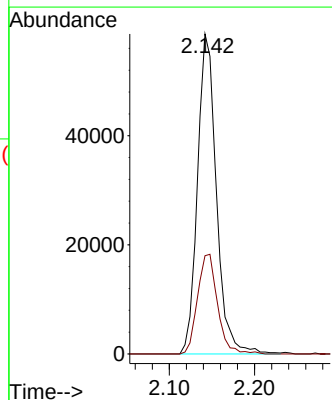
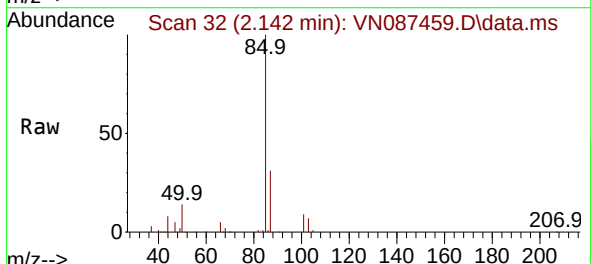
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ClientSampleId :
VN0805WBS02

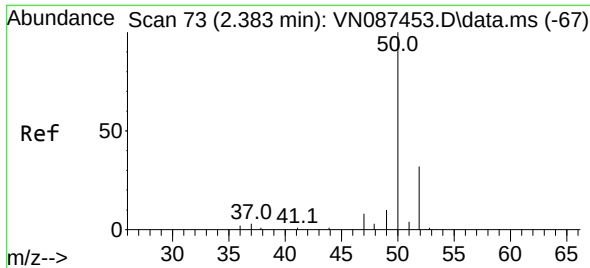
Tgt Ion:128 Resp: 69933
Ion Ratio Lower Upper
128 100
49 193.2 0.0 494.8
130 125.3 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 19.790 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 85 Resp: 90357
Ion Ratio Lower Upper
85 100
87 30.7 16.4 49.2

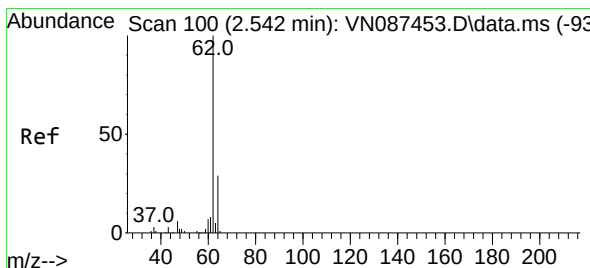
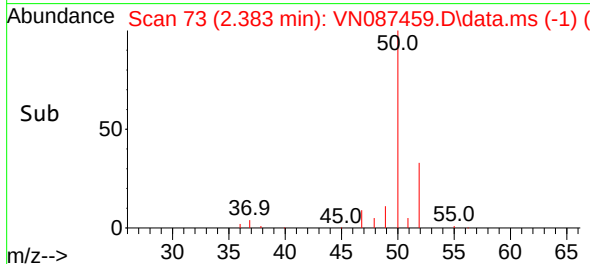
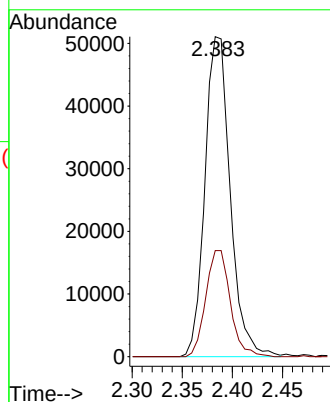
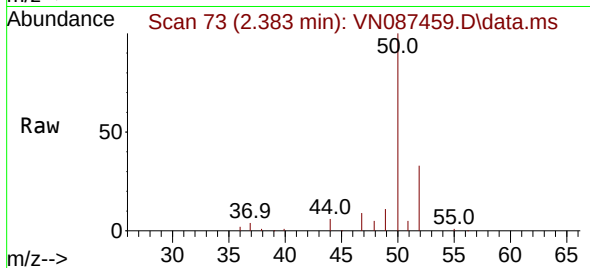




#3
Chloromethane
Concen: 19.162 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

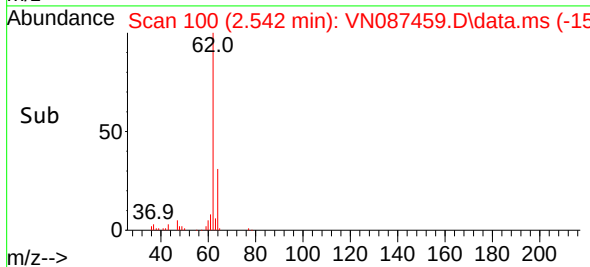
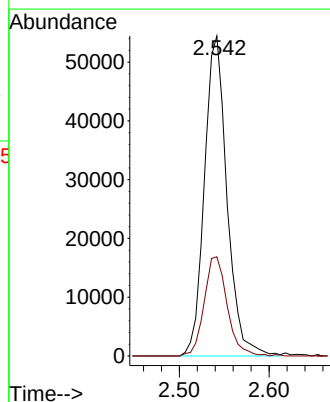
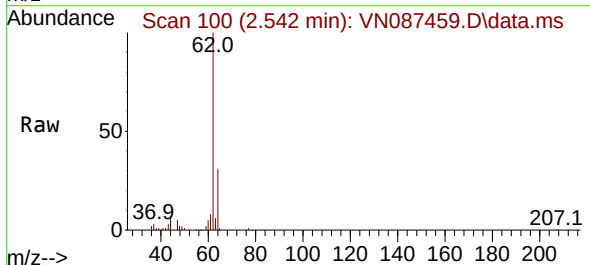
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MSVOA_N
ClientSampleId :
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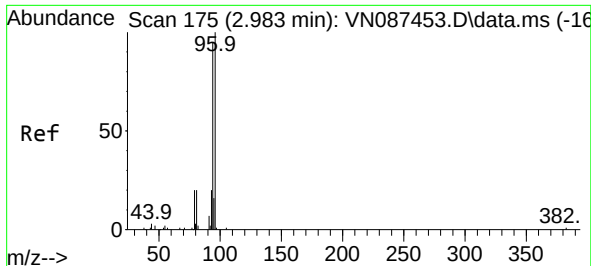
Tgt Ion: 50 Resp: 89767
Ion Ratio Lower Upper
50 100
52 33.1 25.8 38.6



#4
Vinyl Chloride
Concen: 19.142 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 62 Resp: 95110
Ion Ratio Lower Upper
62 100
64 31.0 23.4 35.2

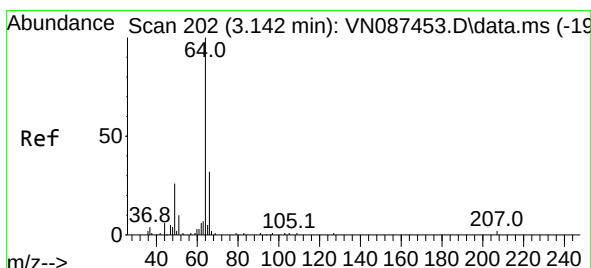
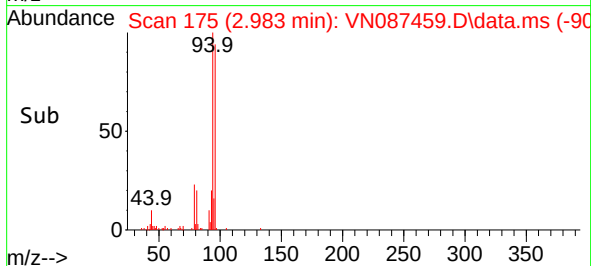
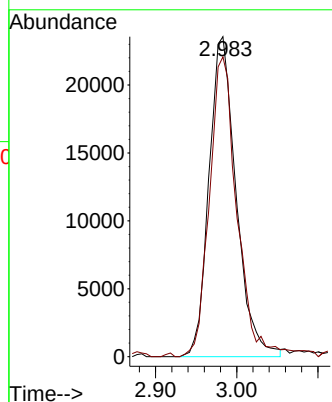
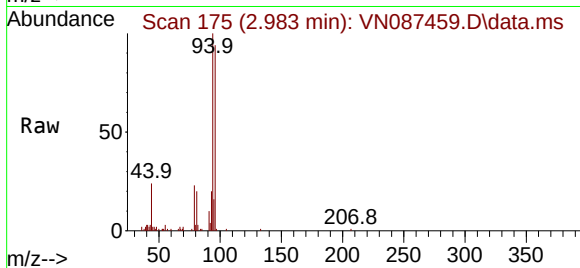




#5
Bromomethane
Concen: 20.327 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

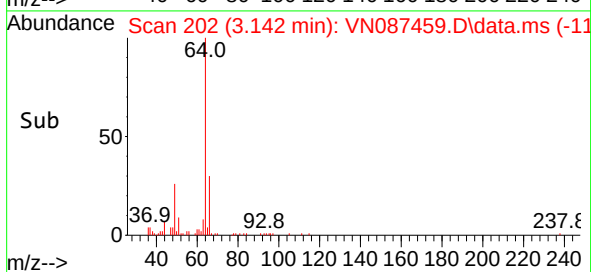
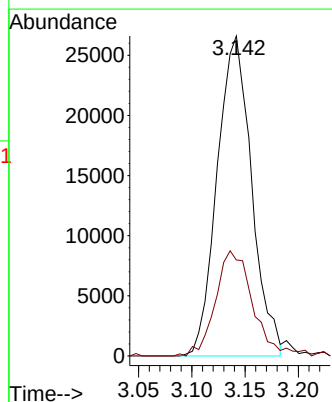
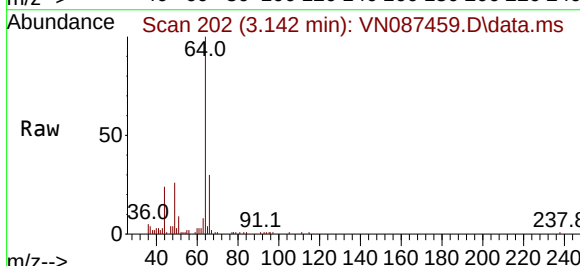
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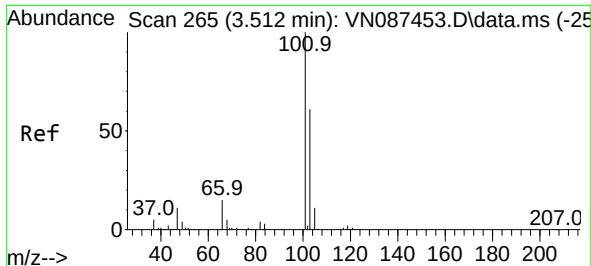
Tgt Ion: 94 Resp: 54667
Ion Ratio Lower Upper
94 100
96 93.7 84.2 126.4



#6
Chloroethane
Concen: 18.677 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 64 Resp: 59839
Ion Ratio Lower Upper
64 100
66 29.3 25.4 38.0

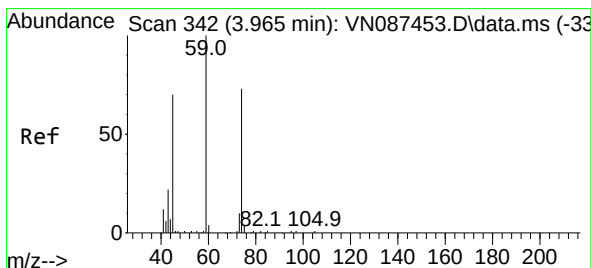
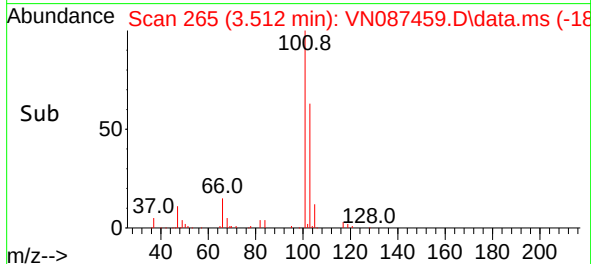
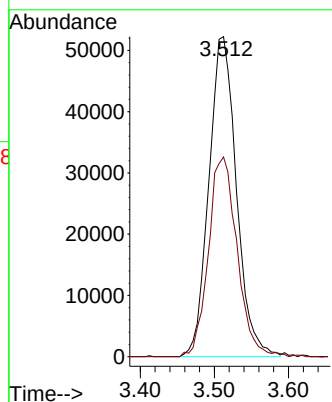
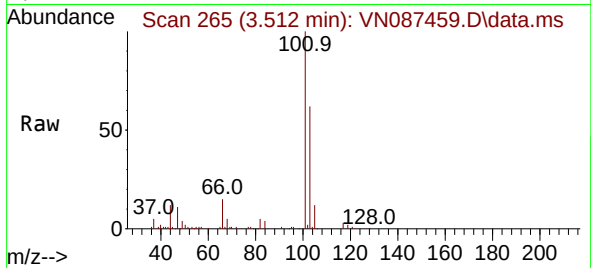




#7
 Trichlorofluoromethane
 Concen: 18.887 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

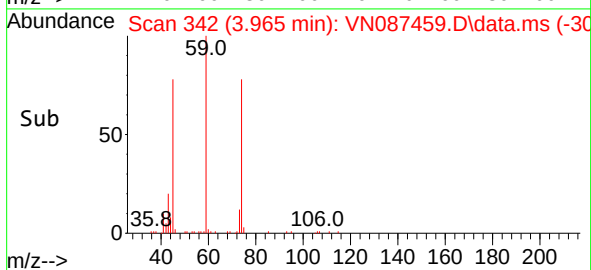
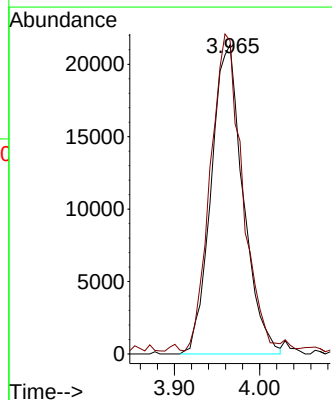
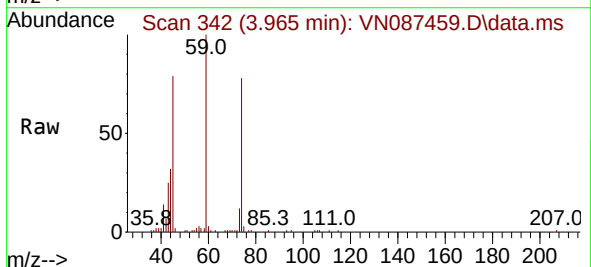
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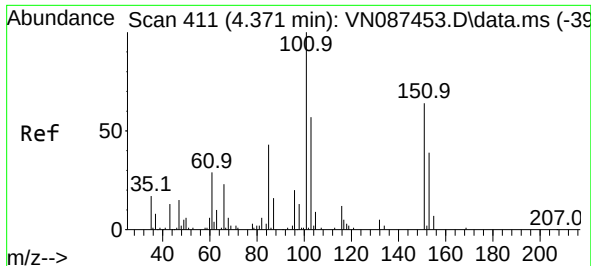
Tgt Ion:101 Resp: 135051
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.2 73.8



#8
 Diethyl Ether
 Concen: 18.687 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

Tgt Ion: 74 Resp: 55670
 Ion Ratio Lower Upper
 74 100
 45 101.9 20.1 180.9

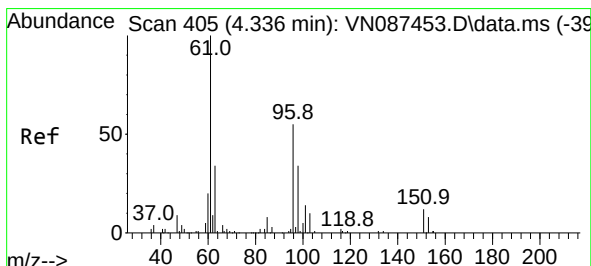
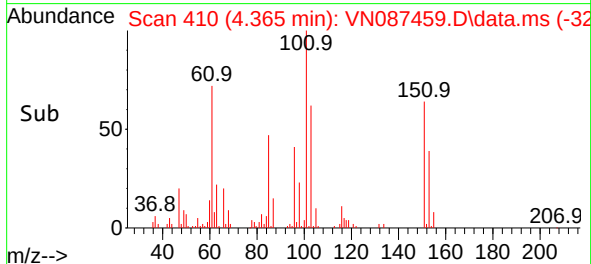
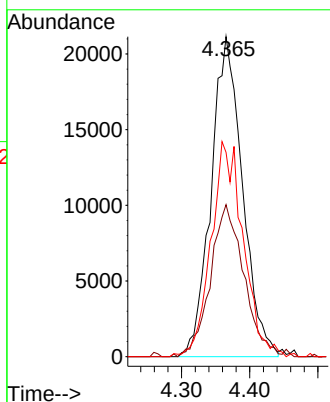
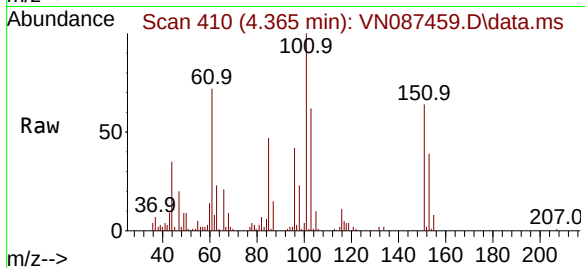




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.579 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

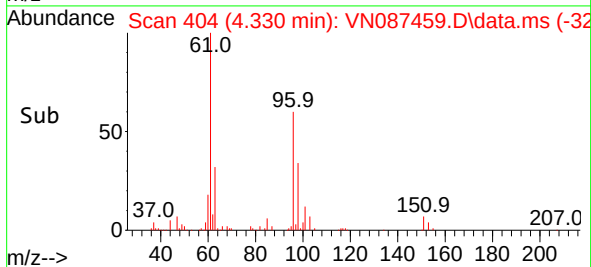
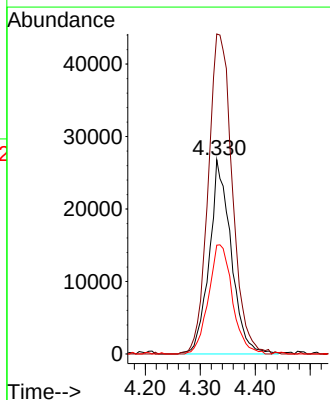
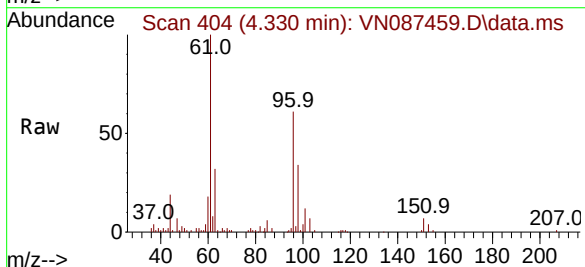
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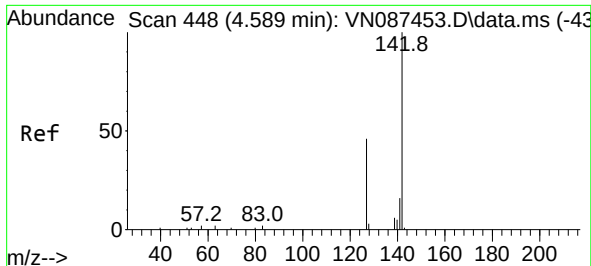
Tgt Ion:101 Resp: 67747
Ion Ratio Lower Upper
101 100
85 50.5 0.0 57.0
151 40.2 0.0 134.2



#10
1,1-Dichloroethene
Concen: 19.328 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 96 Resp: 74028
Ion Ratio Lower Upper
96 100
61 164.7 144.2 216.4
98 56.0 49.7 74.5

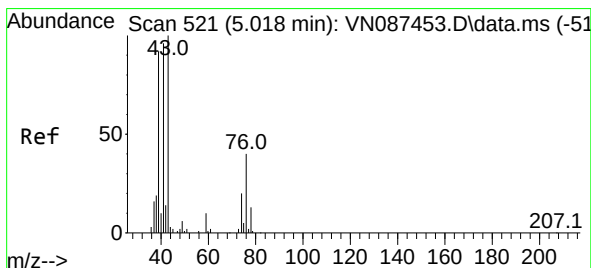
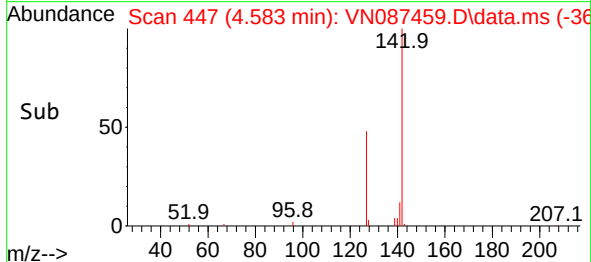
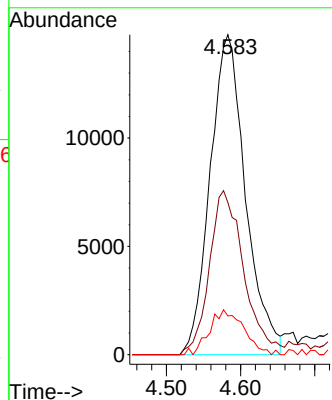
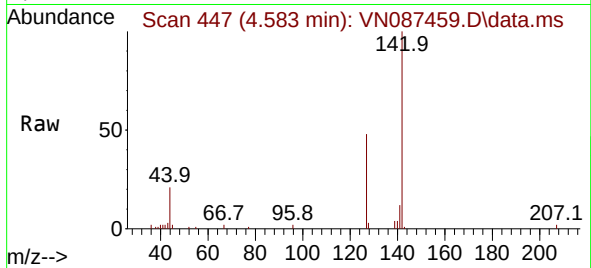




#11
Methyl Iodide
Concen: 16.274 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

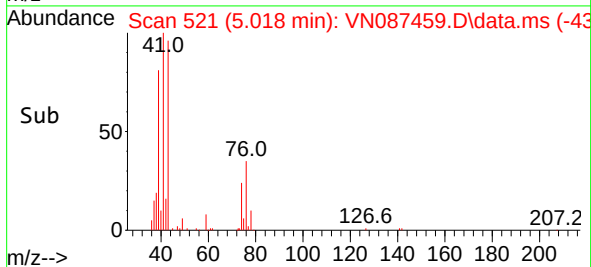
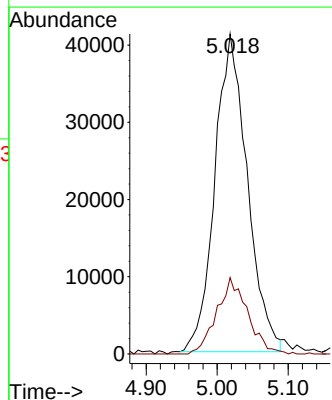
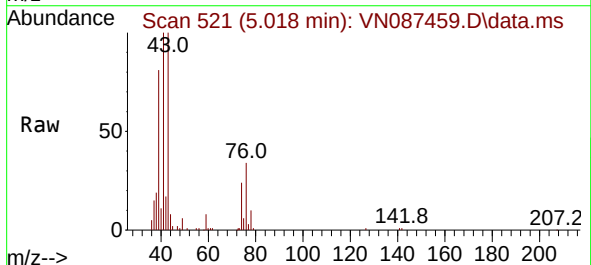
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

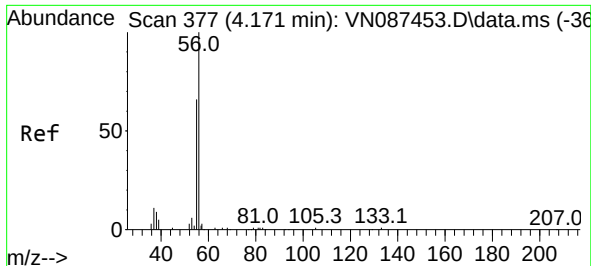
Tgt Ion:142 Resp: 49081
Ion Ratio Lower Upper
142 100
127 47.5 22.9 68.7
141 12.5 7.7 23.1



#12
Methyl Acetate
Concen: 18.504 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 43 Resp: 130786
Ion Ratio Lower Upper
43 100
74 24.0 16.0 24.0#

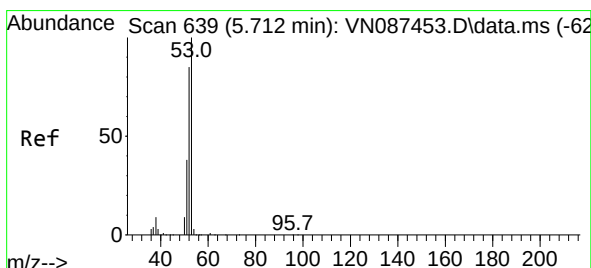
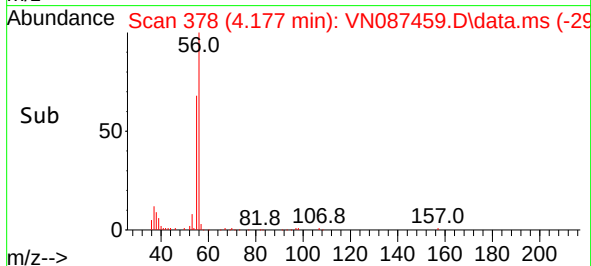
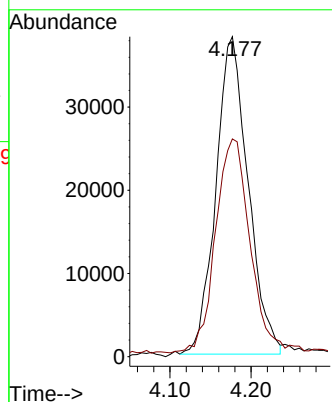
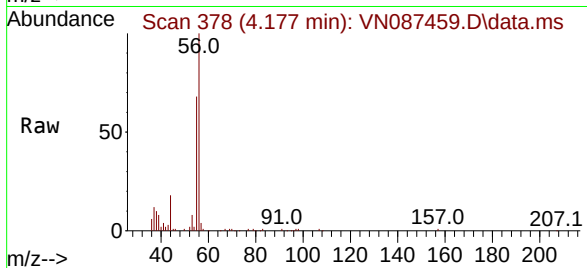




#13
Acrolein
Concen: 97.618 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

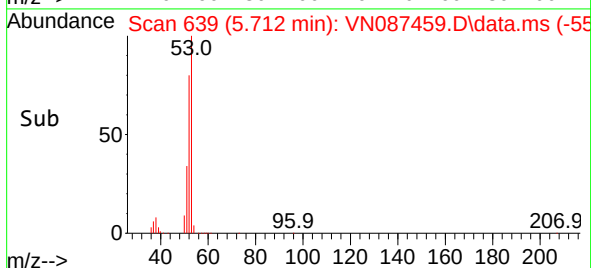
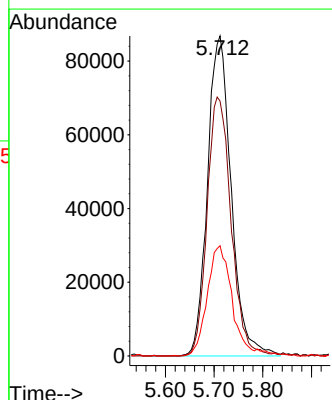
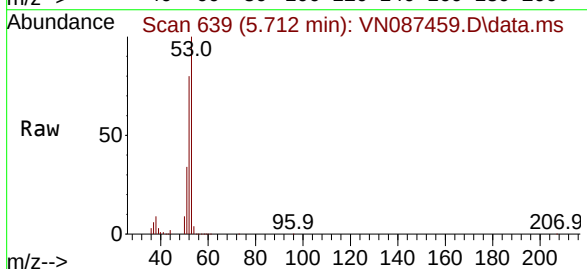
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

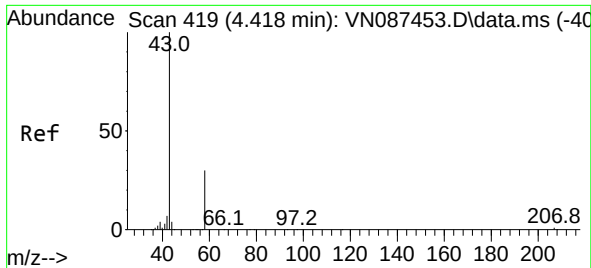
Tgt Ion: 56 Resp: 105382
Ion Ratio Lower Upper
56 100
55 71.5 57.4 86.0



#14
Acrylonitrile
Concen: 95.038 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 53 Resp: 293326
Ion Ratio Lower Upper
53 100
52 81.7 42.4 127.2
51 35.3 18.5 55.5

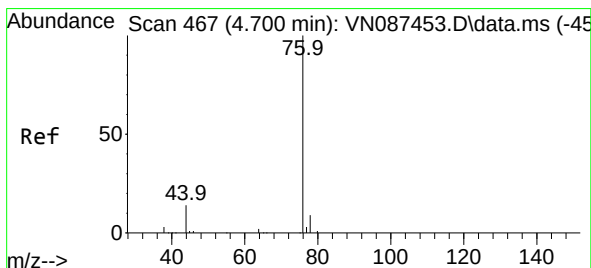
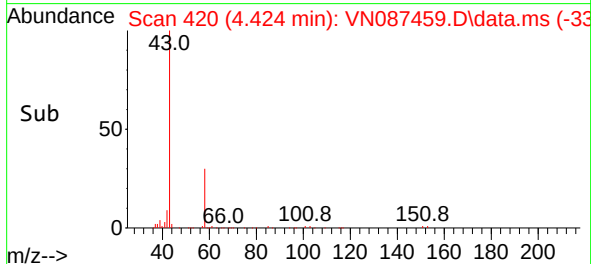
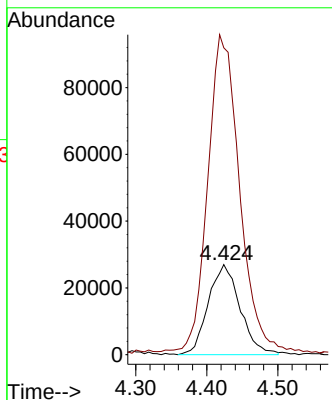
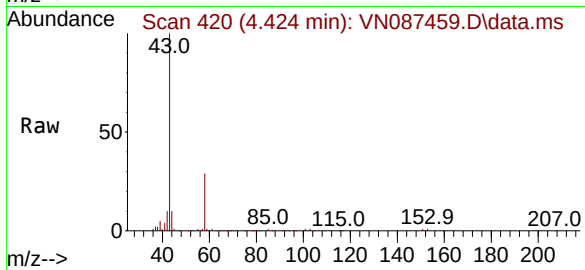




#15
Acetone
Concen: 95.126 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

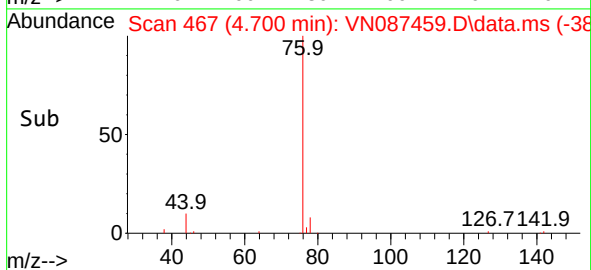
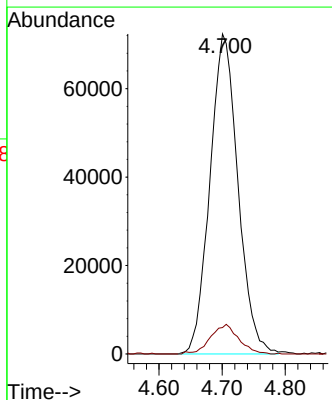
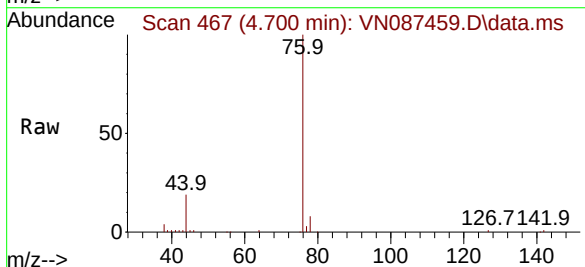
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

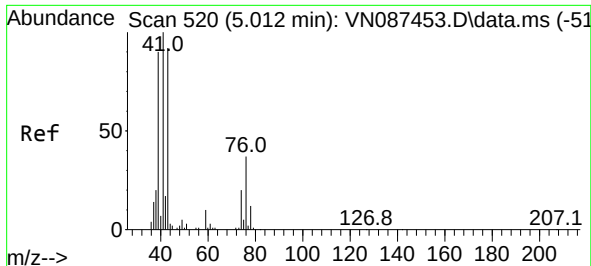
Tgt Ion: 58 Resp: 83888
Ion Ratio Lower Upper
58 100
43 334.7 268.9 403.3



#16
Carbon Disulfide
Concen: 18.799 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 76 Resp: 223354
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7

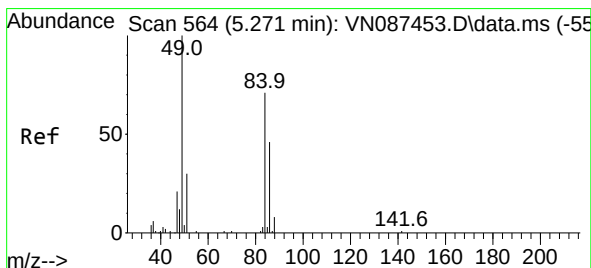
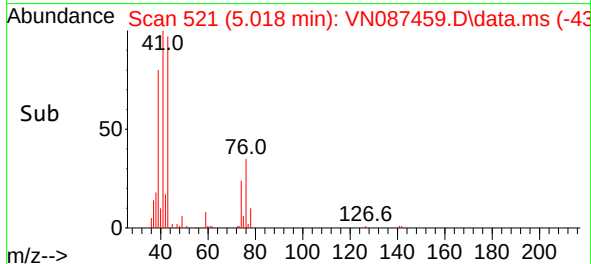
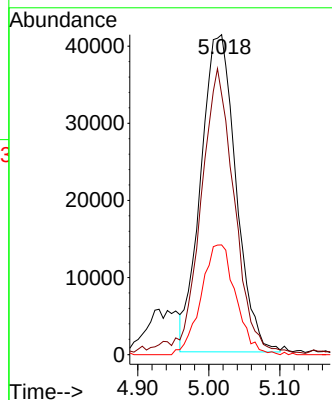
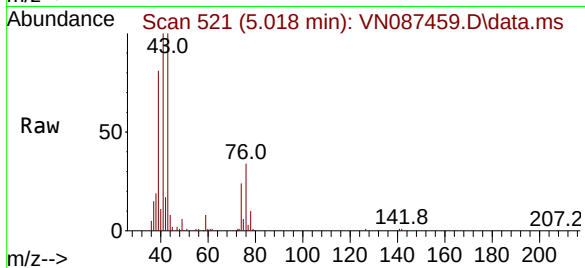




#17
Allyl chloride
Concen: 18.156 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

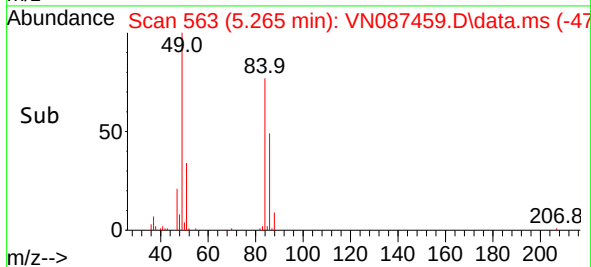
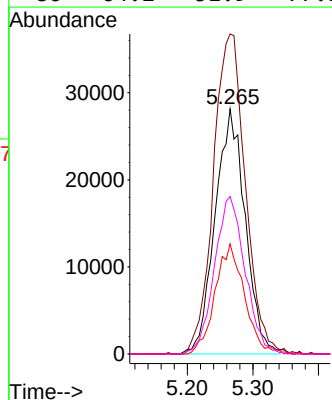
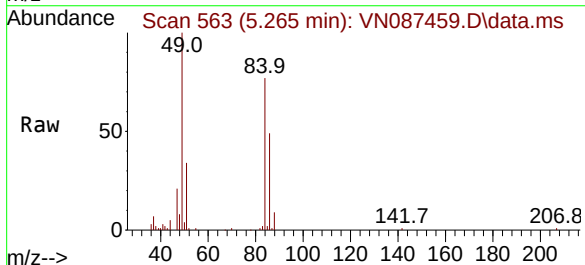
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

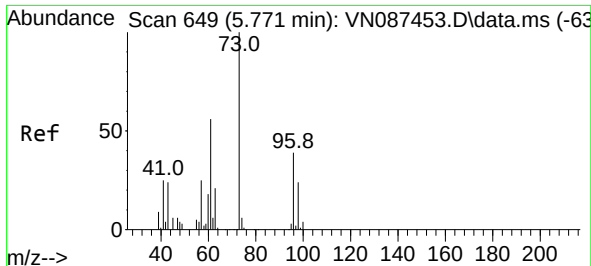
Tgt Ion: 41 Resp: 141738
Ion Ratio Lower Upper
41 100
39 81.0 42.4 127.2
76 34.8 16.9 50.6



#18
Methylene Chloride
Concen: 18.156 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 84 Resp: 89525
Ion Ratio Lower Upper
84 100
49 130.6 112.9 169.3
51 44.9 33.8 50.8
86 64.2 51.9 77.9

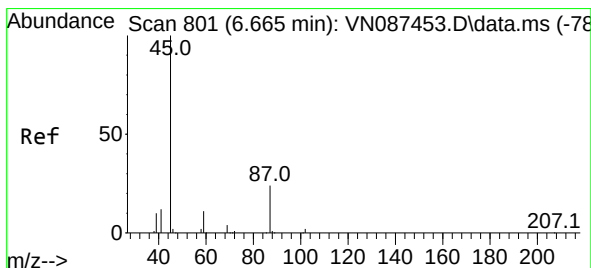
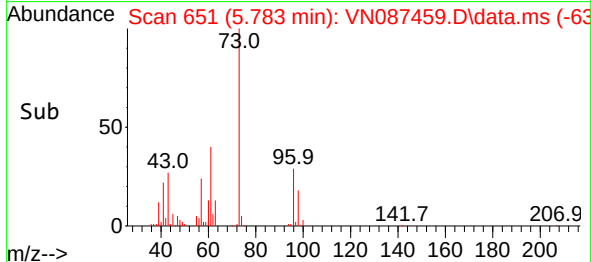
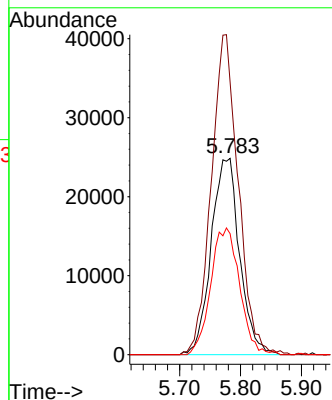
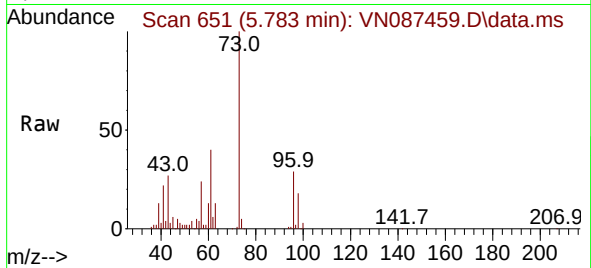




#19
trans-1,2-Dichloroethene
Concen: 17.703 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

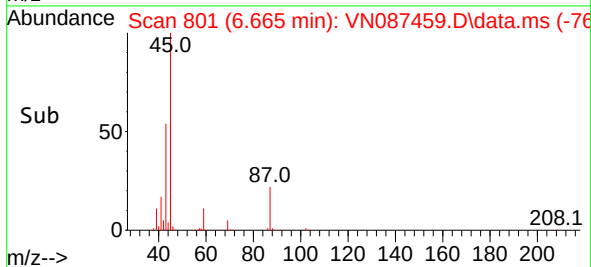
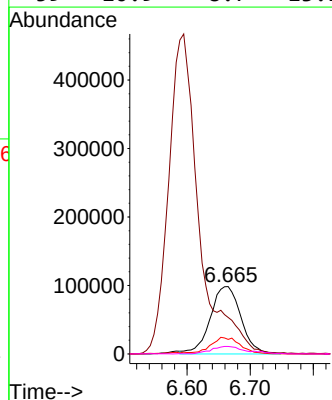
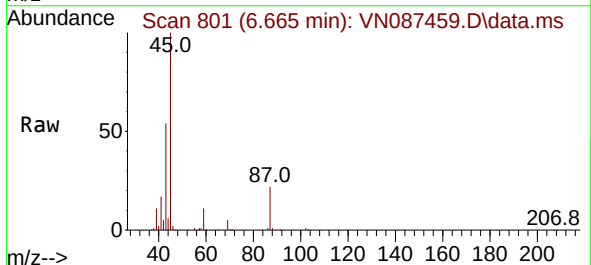
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

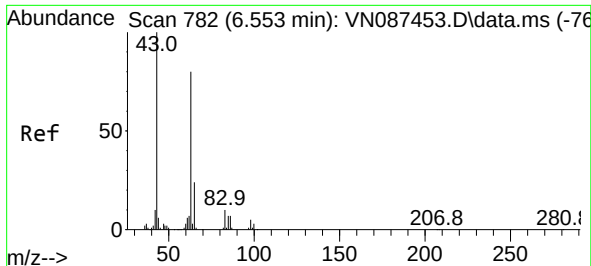
Tgt Ion: 96 Resp: 80631
Ion Ratio Lower Upper
96 100
61 138.6 114.2 171.4
98 61.6 48.7 73.1



#20
Diisopropyl ether
Concen: 18.635 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 45 Resp: 331415
Ion Ratio Lower Upper
45 100
43 52.9 44.7 67.1
87 21.6 20.2 30.2
59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 18.485 ug/l

RT: 6.559 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBS02

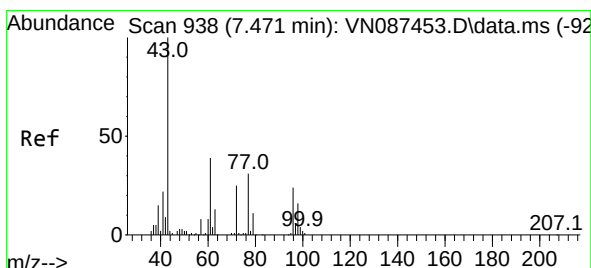
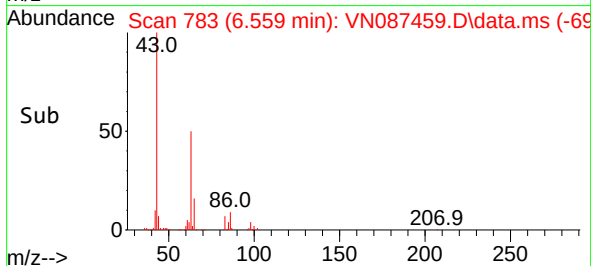
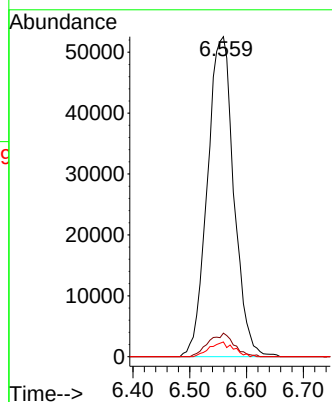
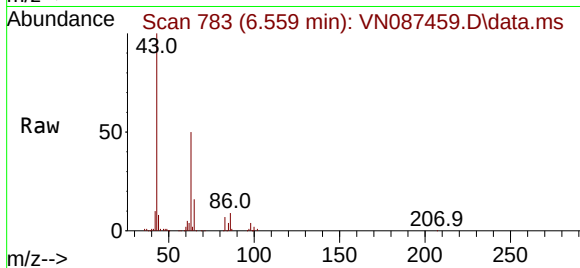
Tgt Ion: 63 Resp: 169931

Ion Ratio Lower Upper

63 100

98 7.4 3.0 9.0

100 4.6 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 18.367 ug/l

RT: 7.471 min Scan# 938

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

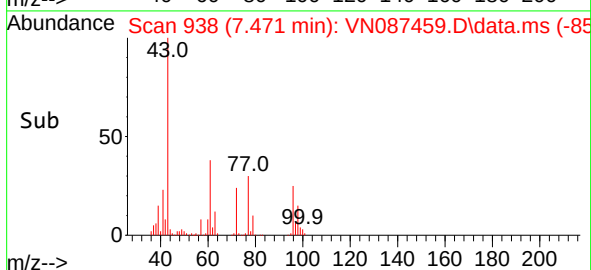
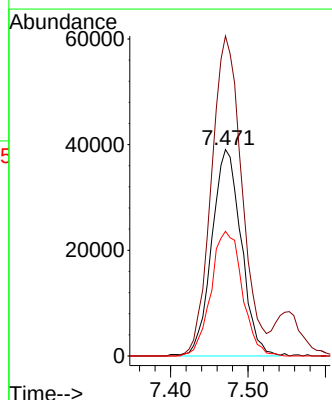
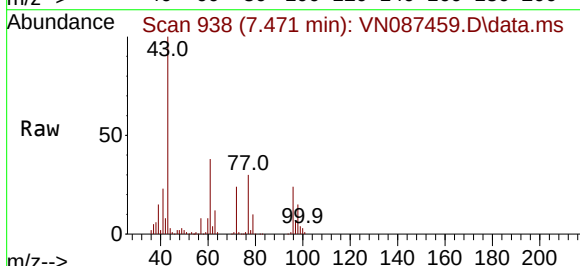
Tgt Ion: 96 Resp: 102932

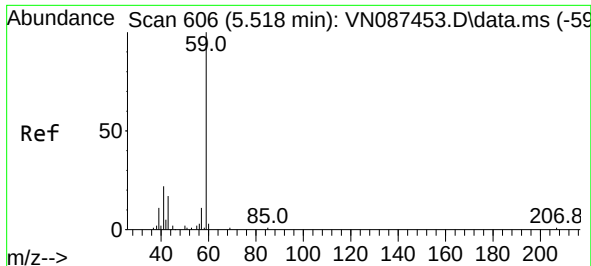
Ion Ratio Lower Upper

96 100

61 160.8 126.6 190.0

98 63.7 50.9 76.3

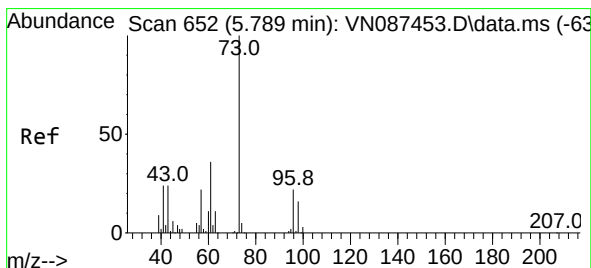
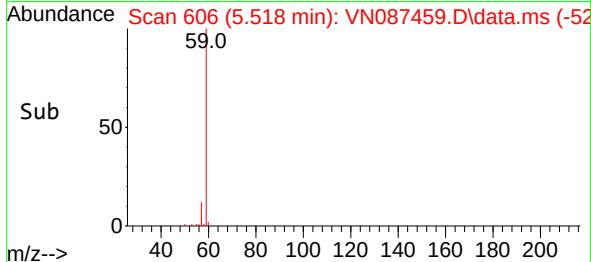
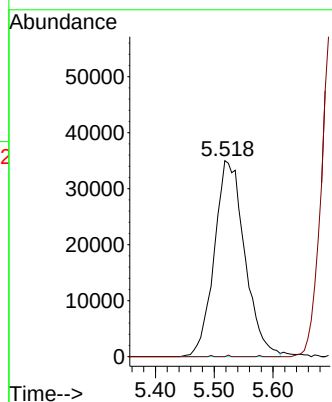
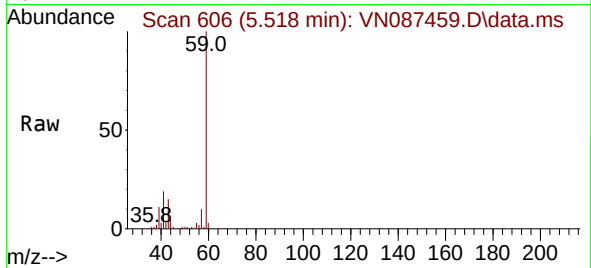




#23
tert-Butyl Alcohol
Concen: 95.942 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

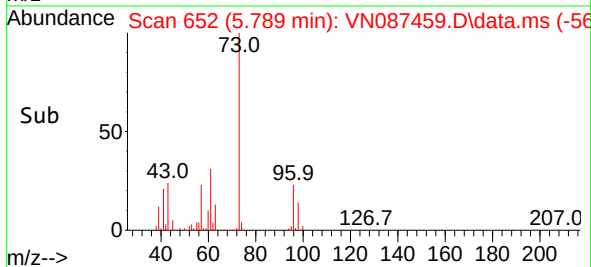
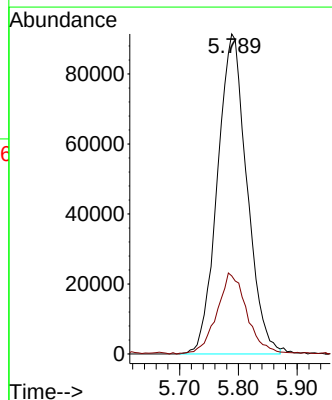
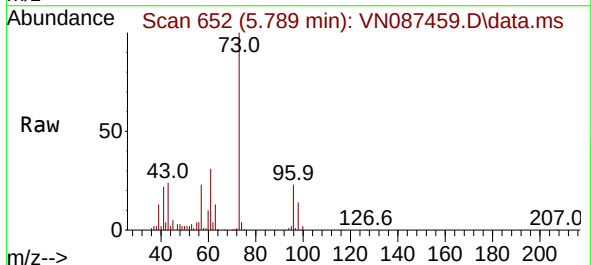
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

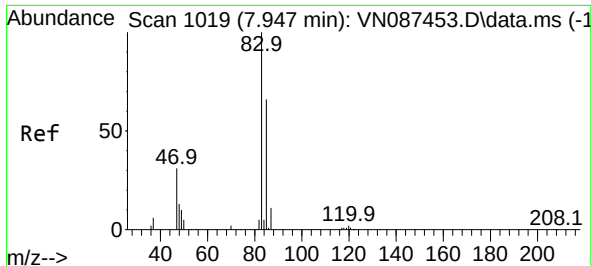
Tgt Ion: 59 Resp: 125827
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.242 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 73 Resp: 318368
Ion Ratio Lower Upper
73 100
43 25.8 19.9 29.9





#25

Chloroform

Concen: 18.503 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

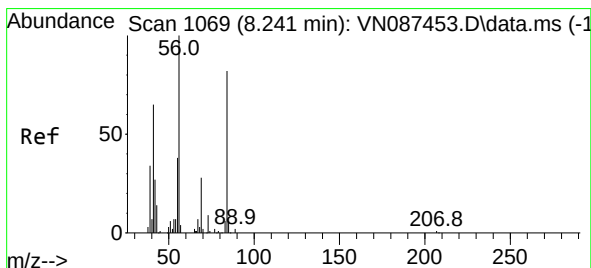
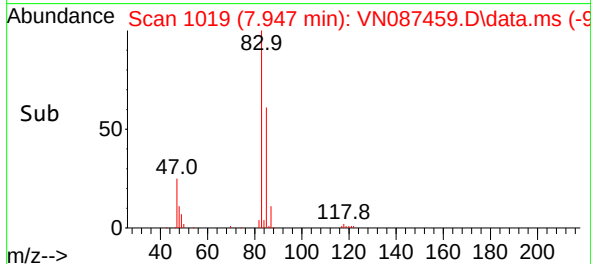
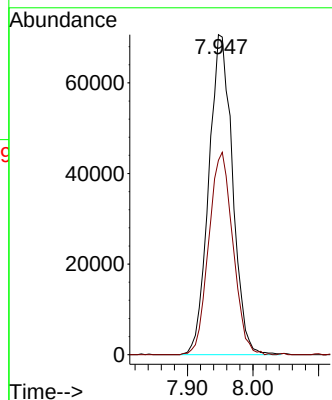
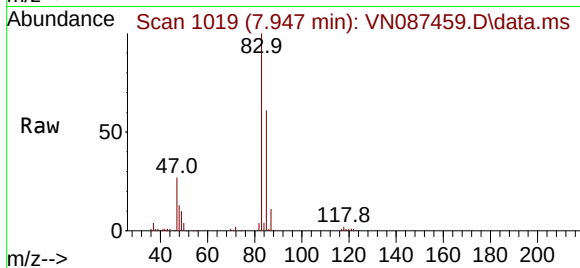
VN0805WBS02

Tgt Ion: 83 Resp: 177551

Ion Ratio Lower Upper

83 100

85 60.7 52.6 78.8



#26

Cyclohexane

Concen: 19.110 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

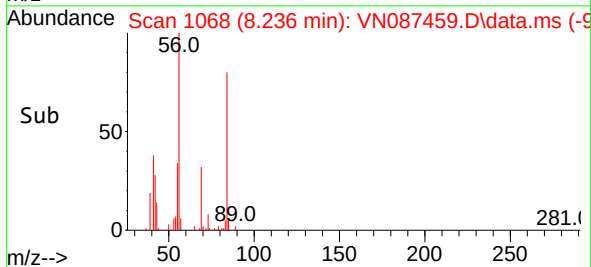
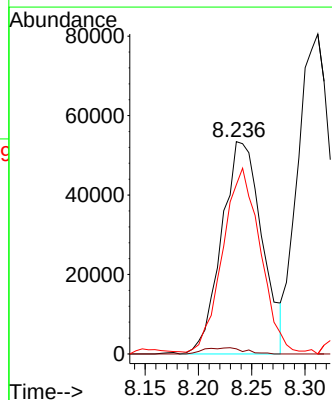
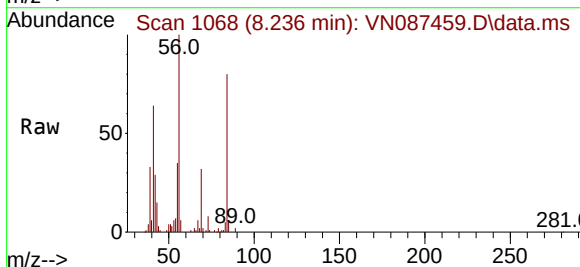
Tgt Ion: 56 Resp: 140655

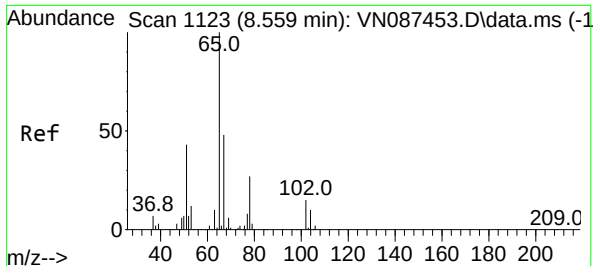
Ion Ratio Lower Upper

56 100

89 1.6 2.3 3.5

84 82.3 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 30.030 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

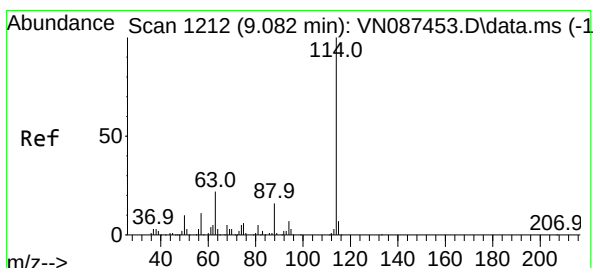
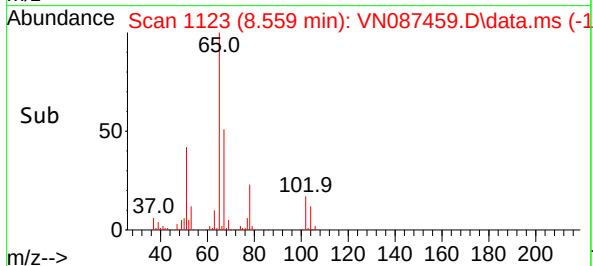
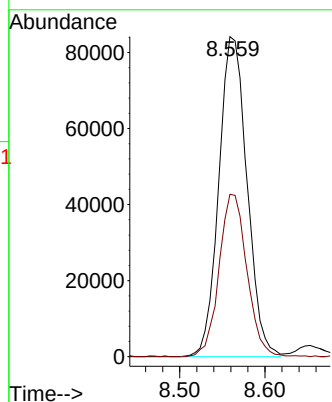
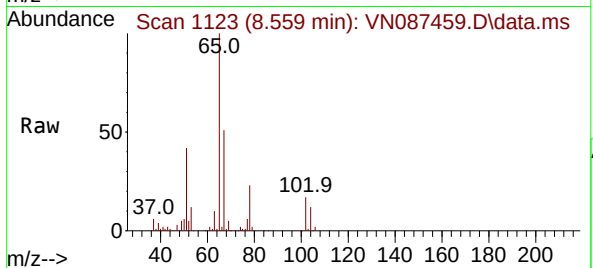
VN0805WBS02

Tgt Ion: 65 Resp: 193705

Ion Ratio Lower Upper

65 100

67 50.0 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

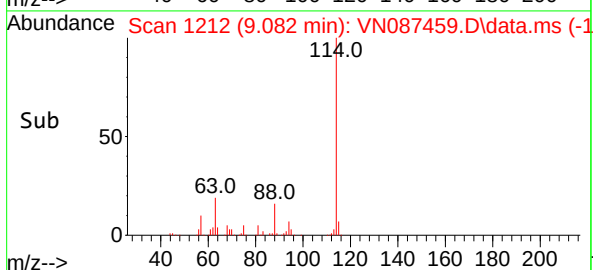
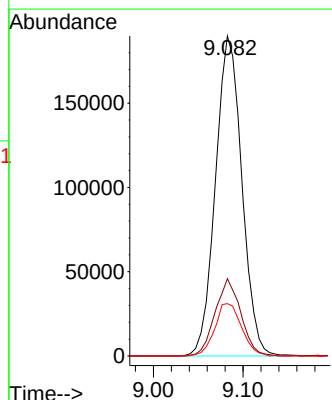
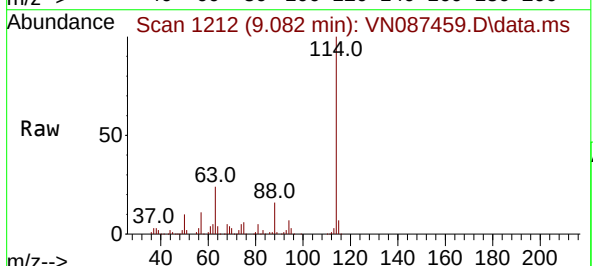
Tgt Ion: 114 Resp: 387635

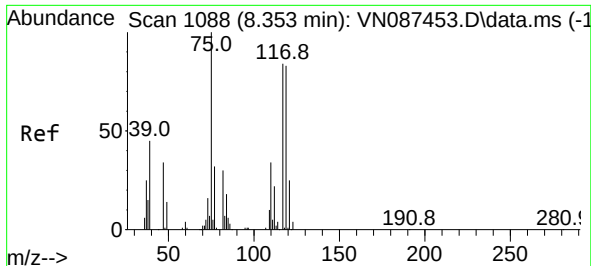
Ion Ratio Lower Upper

114 100

63 23.5 18.9 28.3

88 16.6 13.1 19.7

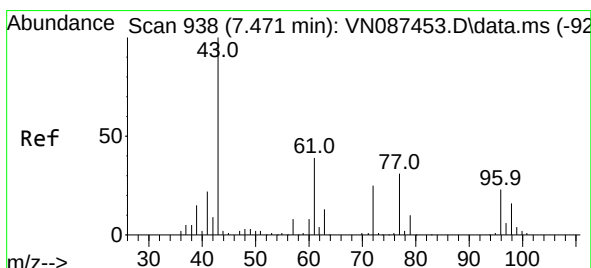
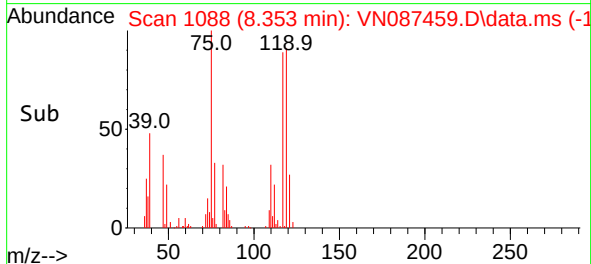
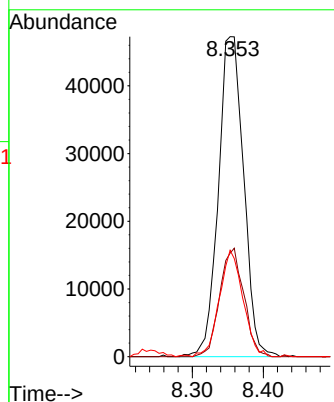
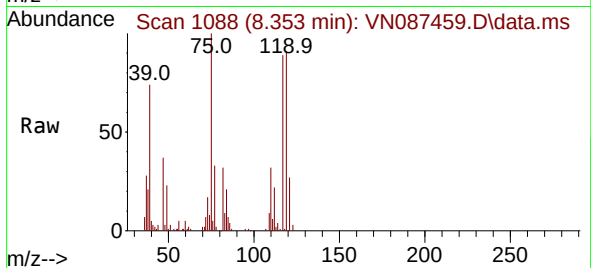




#29
1,1-Dichloropropene
Concen: 18.481 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

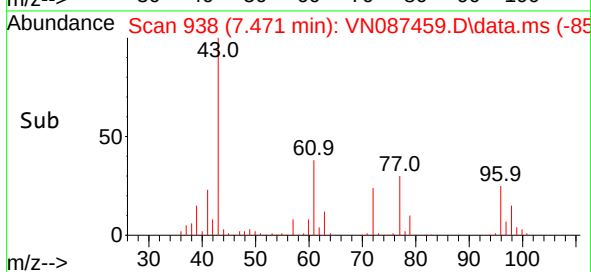
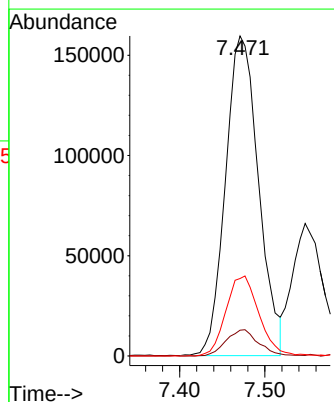
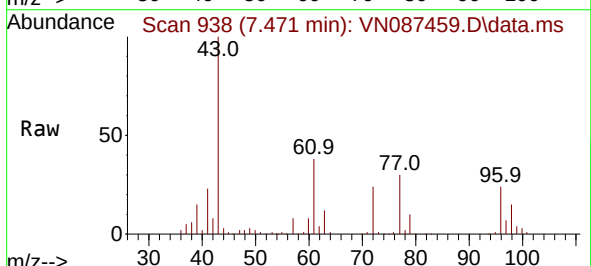
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

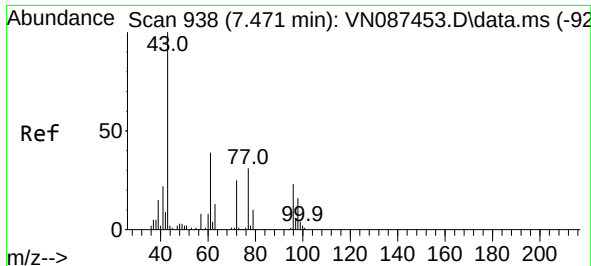
Tgt Ion: 75 Resp: 116842
Ion Ratio Lower Upper
75 100
110 32.4 0.0 65.8
77 31.0 0.0 63.6



#30
2-Butanone
Concen: 92.455 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 43 Resp: 430868
Ion Ratio Lower Upper
43 100
57 8.1 6.6 9.8
72 24.8 19.7 29.5





#31

2,2-Dichloropropane

Concen: 18.784 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

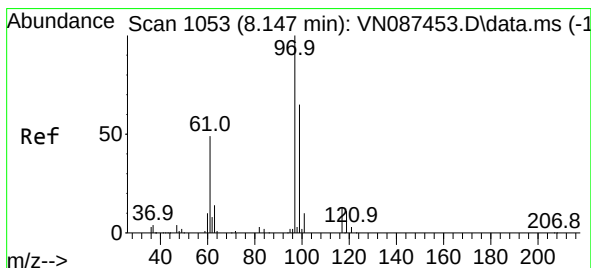
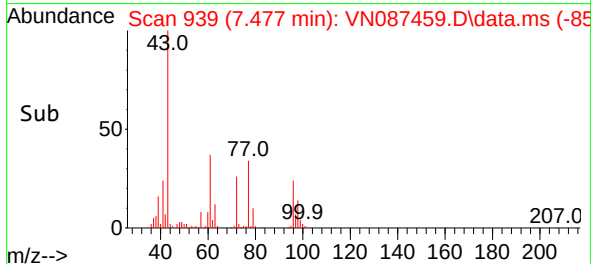
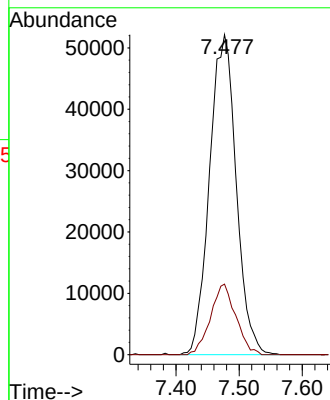
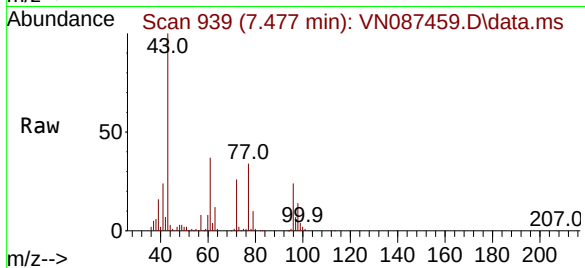
VN0805WBS02

Tgt Ion: 77 Resp: 153167

Ion Ratio Lower Upper

77 100

97 20.6 16.7 25.1



#32

1,1,1-Trichloroethane

Concen: 18.688 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

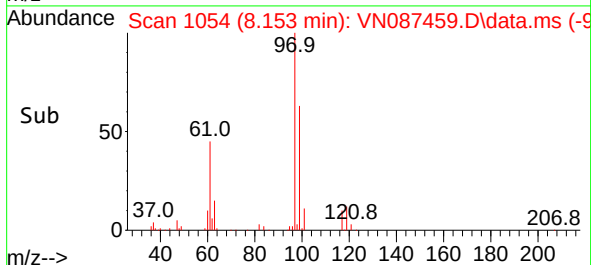
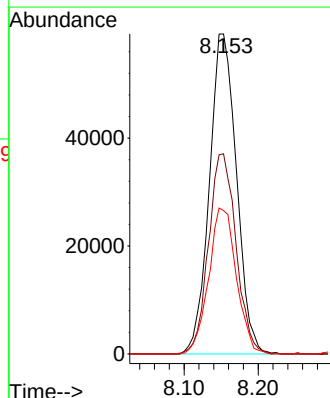
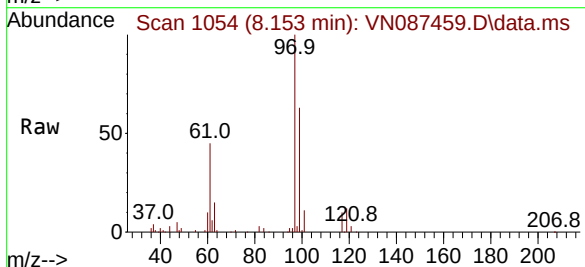
Tgt Ion: 97 Resp: 150687

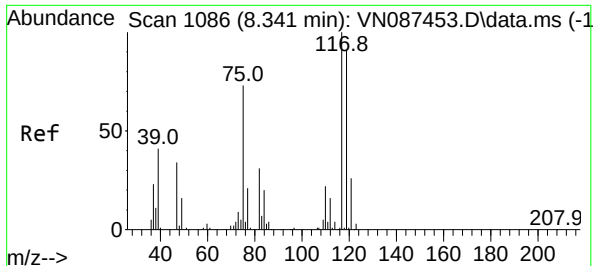
Ion Ratio Lower Upper

97 100

99 63.4 53.0 79.6

61 46.6 40.6 61.0

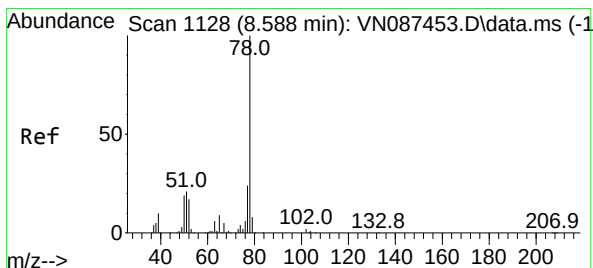
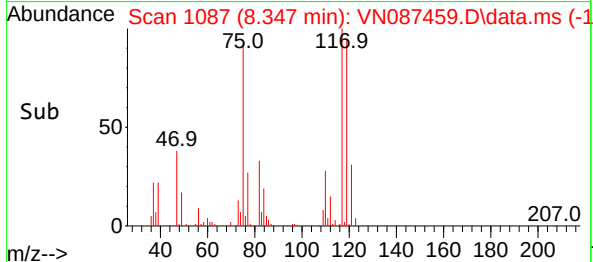
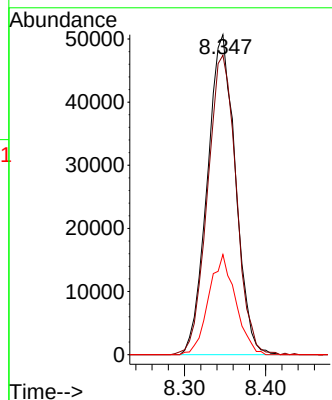
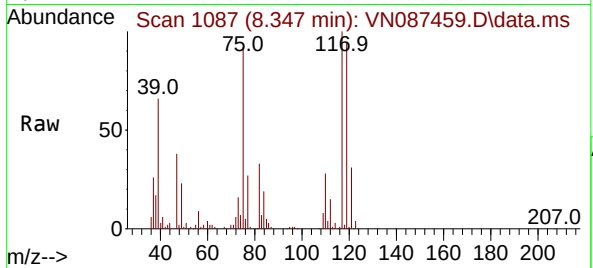




#33
Carbon Tetrachloride
Concen: 18.233 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

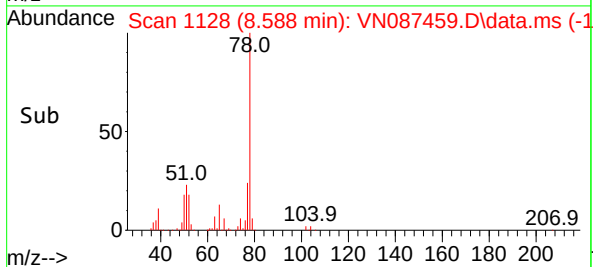
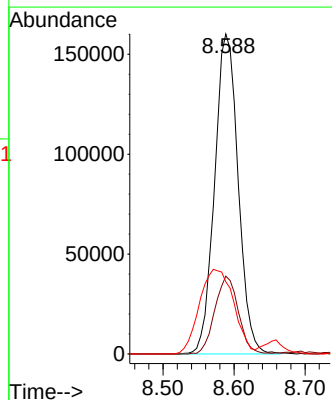
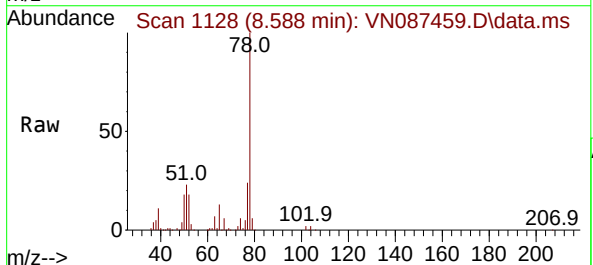
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

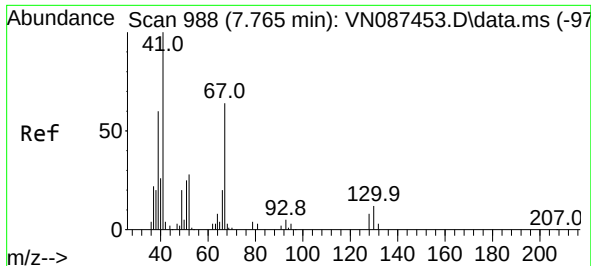
Tgt Ion:117 Resp: 122140
Ion Ratio Lower Upper
117 100
119 93.5 73.4 110.0
121 31.3 21.1 31.7



#34
Benzene
Concen: 18.453 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 78 Resp: 368280
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8
51 22.1 16.9 25.3

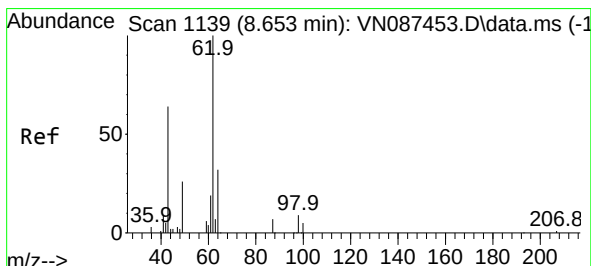
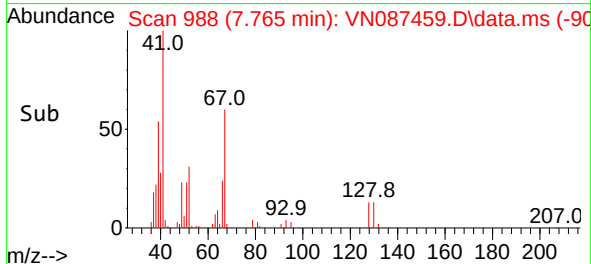
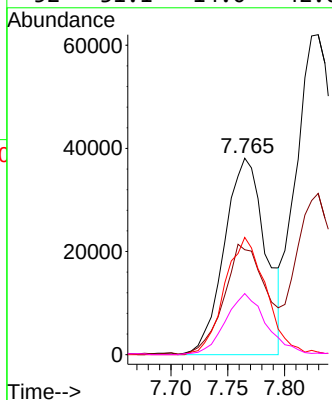
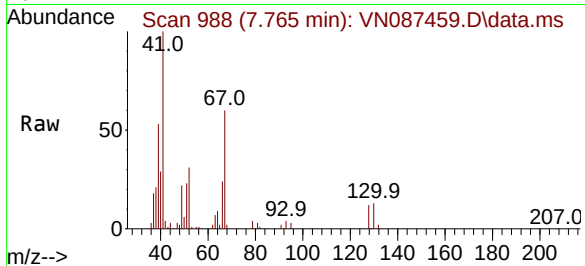




#35
Methacrylonitrile
Concen: 19.163 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

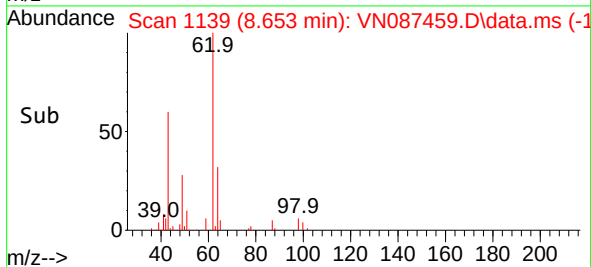
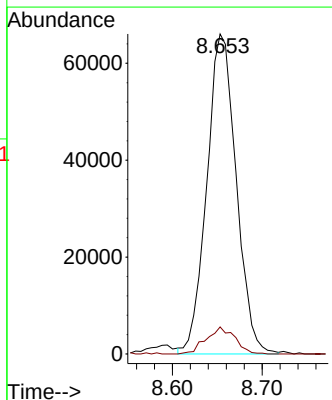
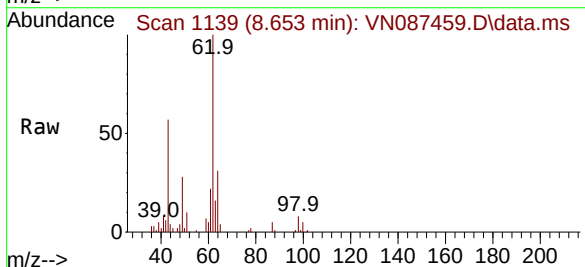
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

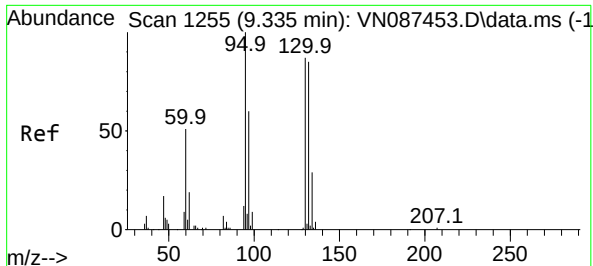
Tgt Ion:	41	Resp:	96374
Ion	Ratio	Lower	Upper
41	100		
39	53.0	30.1	90.5
67	59.7	32.0	96.2
52	31.1	14.0	42.0



#36
1,2-Dichloroethane
Concen: 18.643 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion:	62	Resp:	150384
Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.6	9.8





#37

Trichloroethene

Concen: 18.562 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

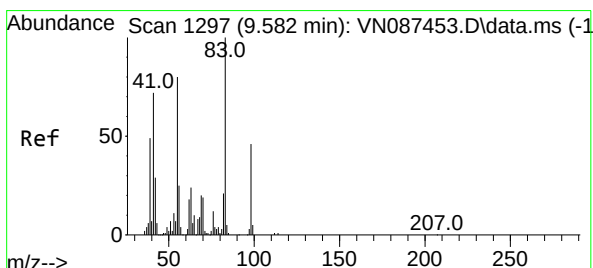
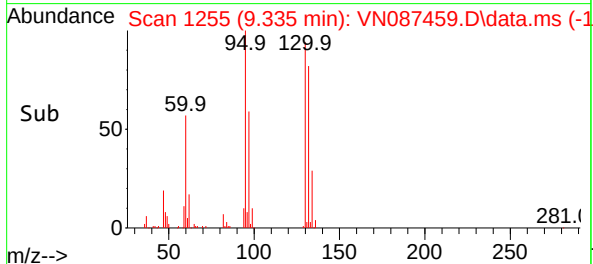
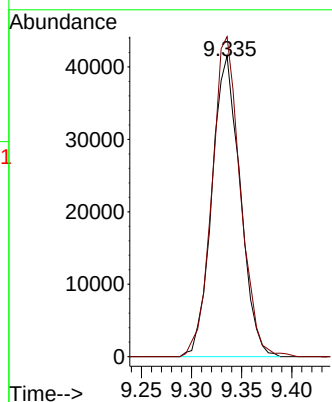
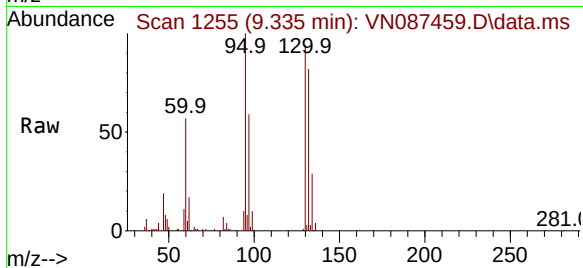
VN0805WBS02

Tgt Ion:130 Resp: 81601

Ion Ratio Lower Upper

130 100

95 106.4 91.4 137.2



#38

Methylcyclohexane

Concen: 19.277 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

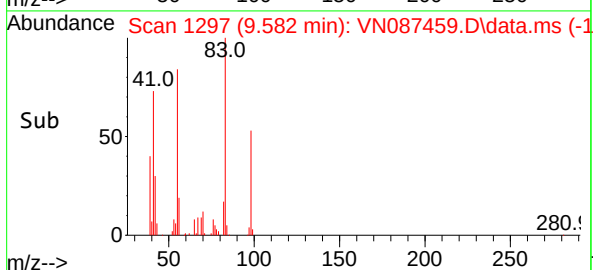
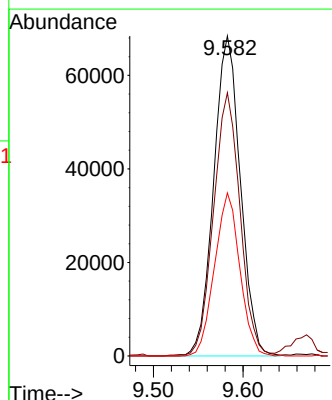
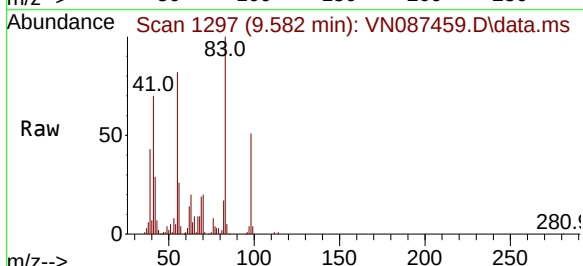
Tgt Ion: 83 Resp: 141390

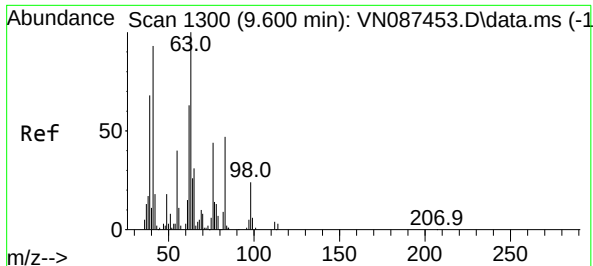
Ion Ratio Lower Upper

83 100

55 81.7 41.2 123.6

98 48.2 23.3 69.9





#39

1,2-Dichloropropane

Concen: 18.463 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

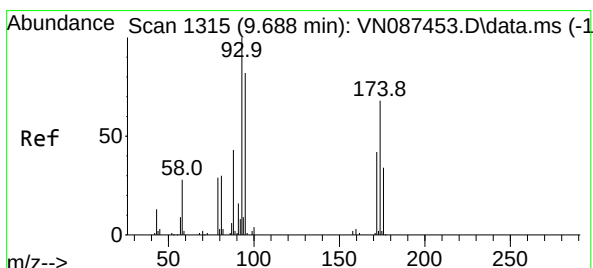
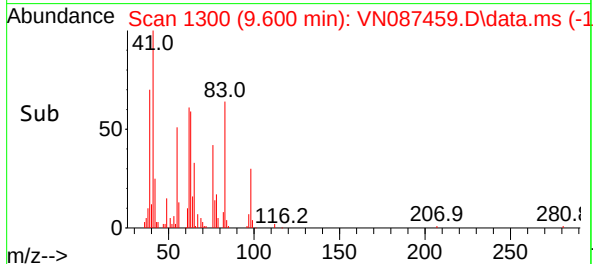
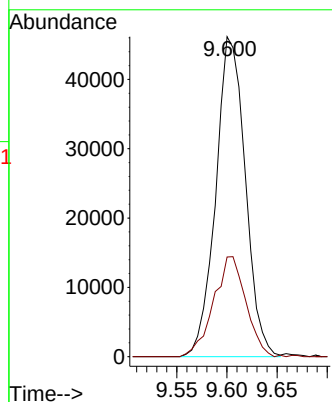
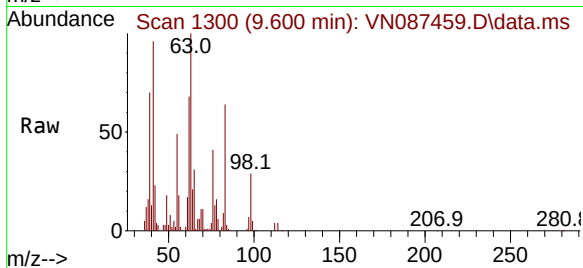
VN0805WBS02

Tgt Ion: 63 Resp: 94473

Ion Ratio Lower Upper

63 100

65 31.2 24.6 36.8



#40

Dibromomethane

Concen: 18.160 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

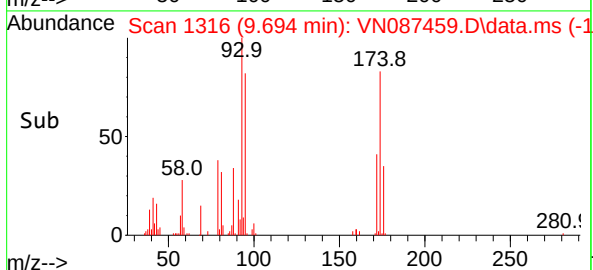
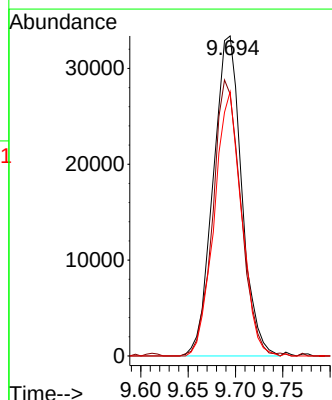
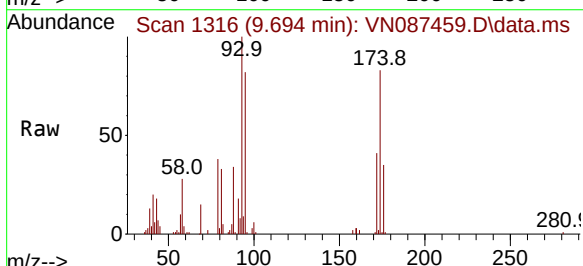
Tgt Ion: 93 Resp: 69720

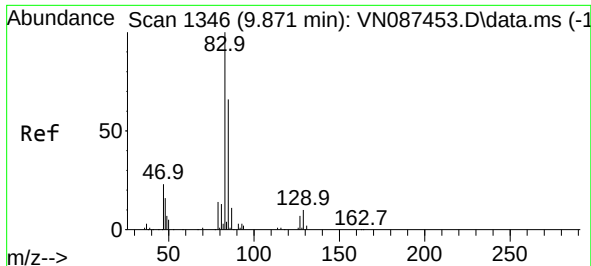
Ion Ratio Lower Upper

93 100

95 84.6 0.0 161.6

174 79.2 0.0 151.4

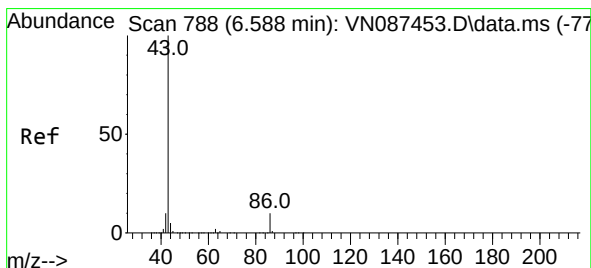
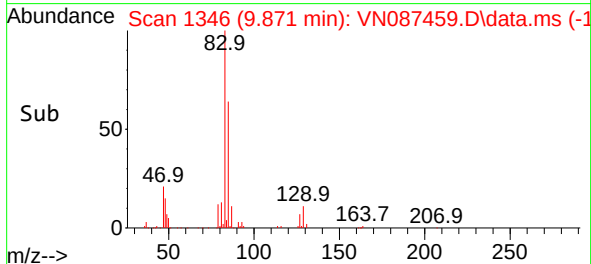
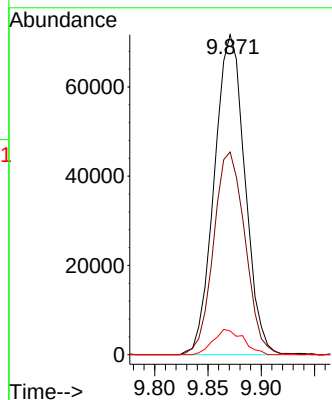
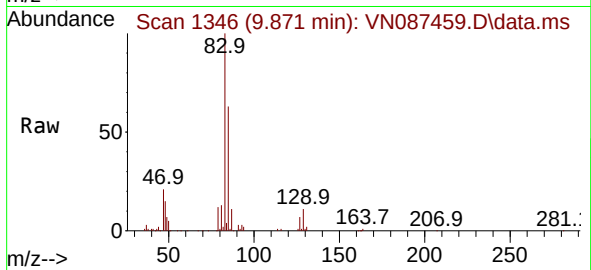




#41
Bromodichloromethane
Concen: 17.947 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

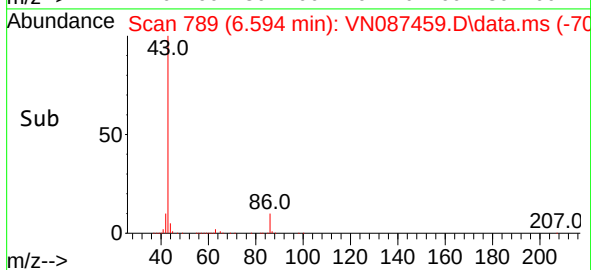
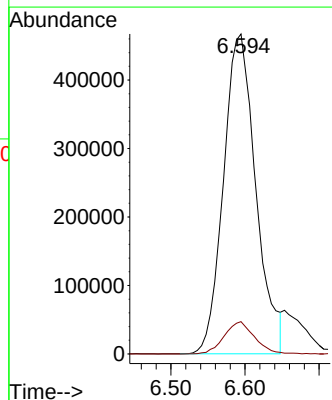
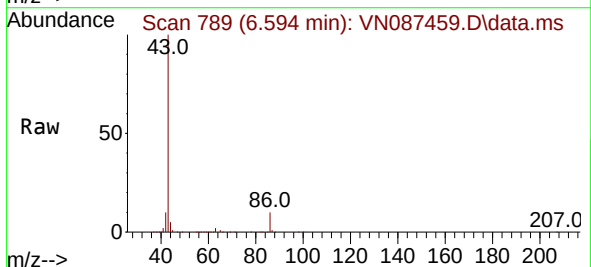
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

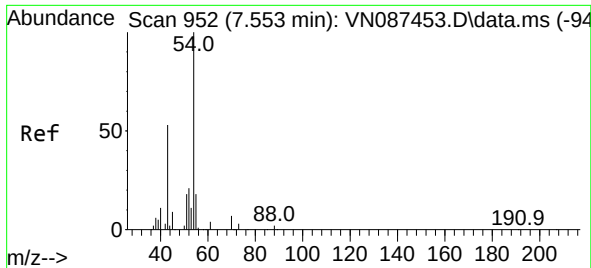
Tgt Ion: 83 Resp: 143179
Ion Ratio Lower Upper
83 100
85 63.4 52.9 79.3
127 7.4 5.8 8.6



#42
Vinyl Acetate
Concen: 92.296 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 43 Resp: 1416485
Ion Ratio Lower Upper
43 100
86 9.2 7.3 10.9

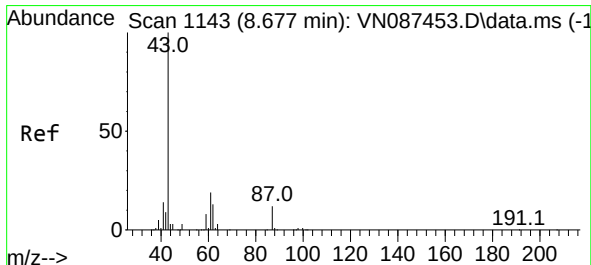
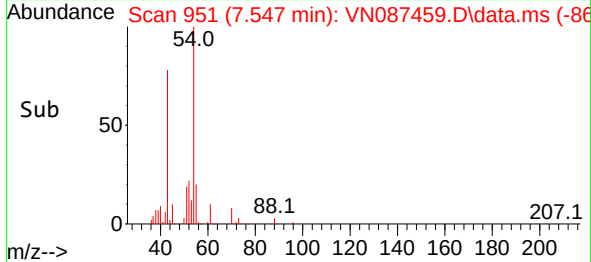
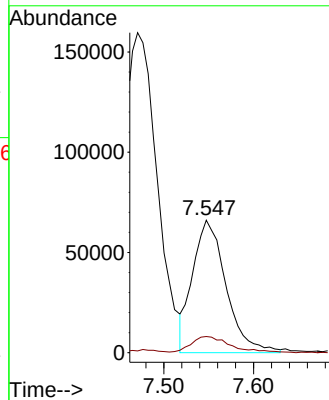
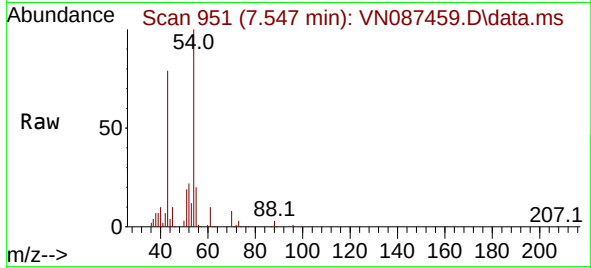




#43
Ethyl Acetate
Concen: 19.026 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

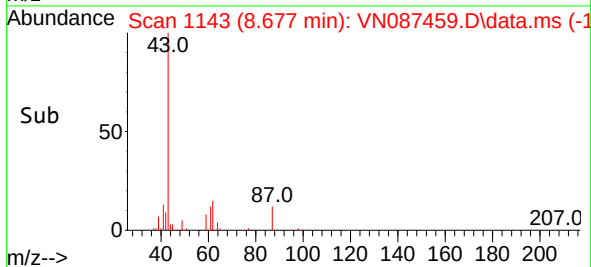
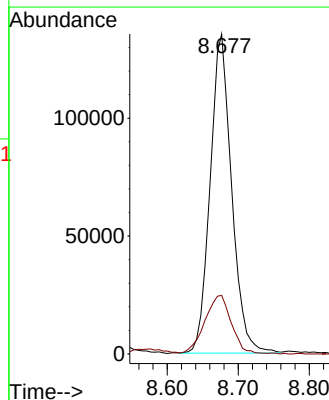
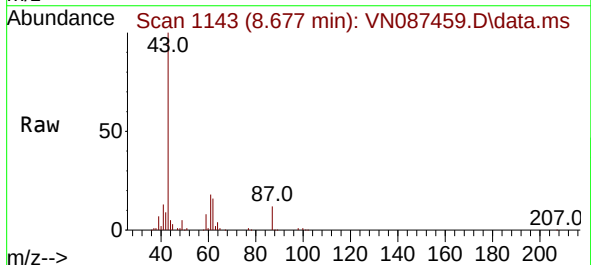
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

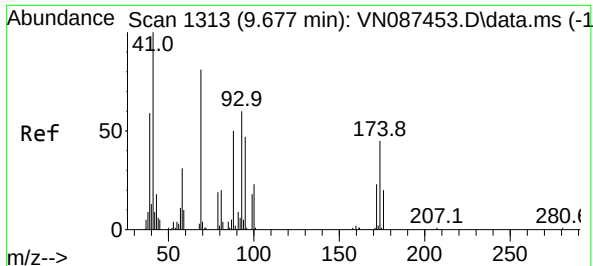
Tgt Ion: 43 Resp: 171292
Ion Ratio Lower Upper
43 100
45 12.1 11.1 16.7



#44
Isopropyl Acetate
Concen: 18.608 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 43 Resp: 283980
Ion Ratio Lower Upper
43 100
61 22.2 18.6 28.0





#45

1,4-Dioxane

Concen: 409.125 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBS02

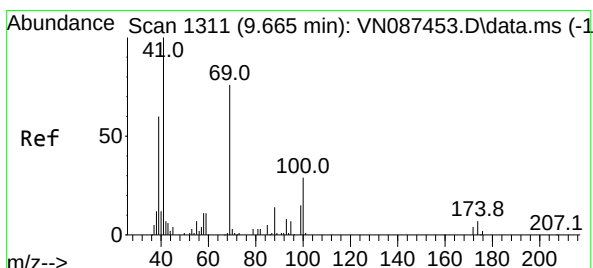
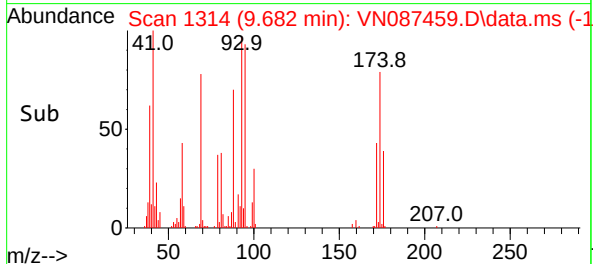
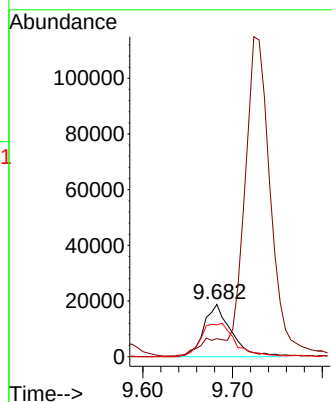
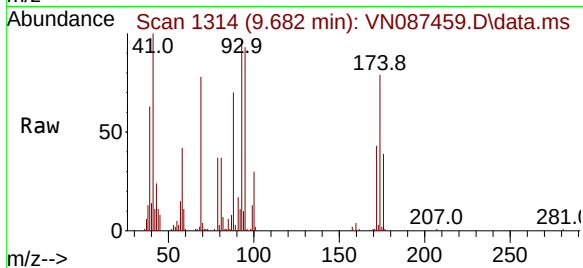
Tgt Ion: 88 Resp: 39804

Ion Ratio Lower Upper

88 100

43 19.3 24.1 36.1#

58 41.1 57.2 85.8#



#46

Methyl methacrylate

Concen: 17.449 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

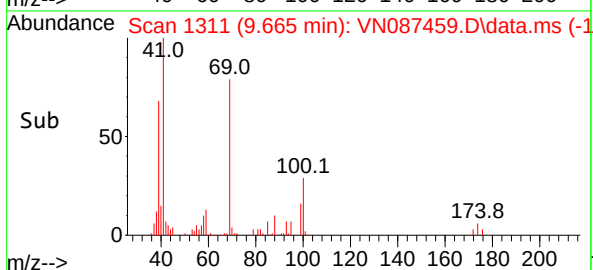
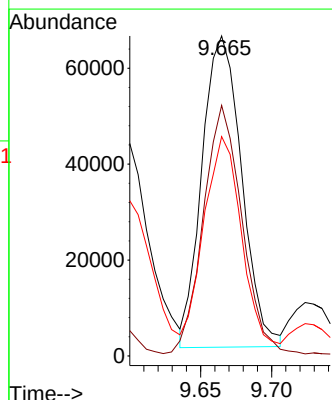
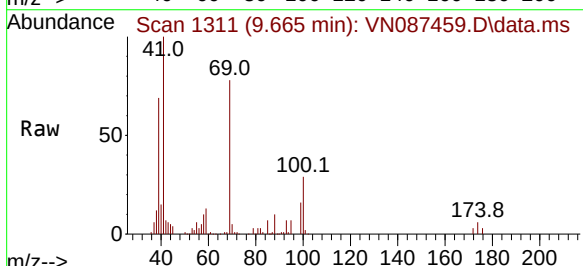
Tgt Ion: 41 Resp: 125699

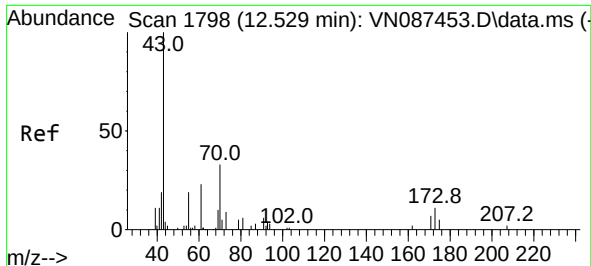
Ion Ratio Lower Upper

41 100

69 81.4 37.1 111.5

39 69.1 30.7 92.1

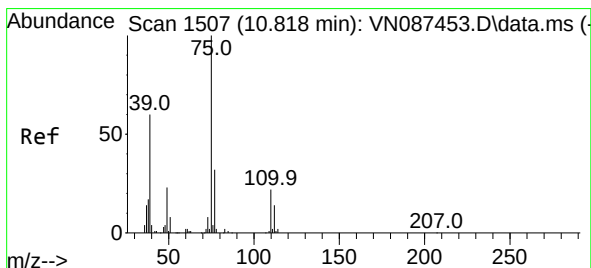
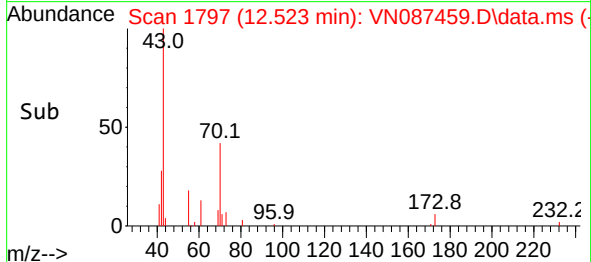
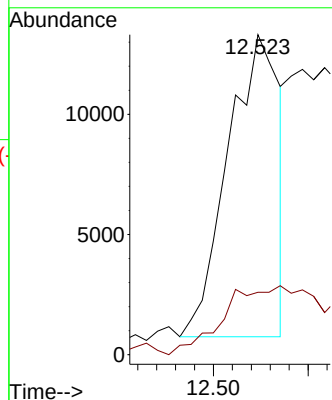
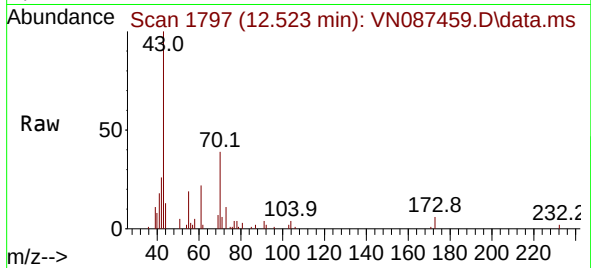




#47
n-amy1 Acetate
Concen: 2.813 ug/l
RT: 12.523 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

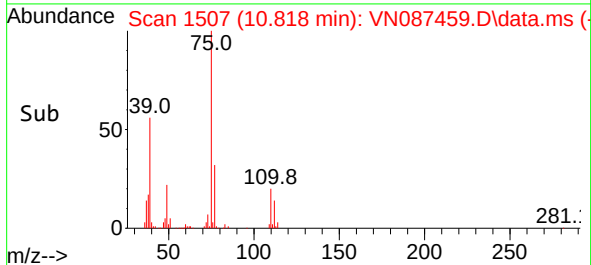
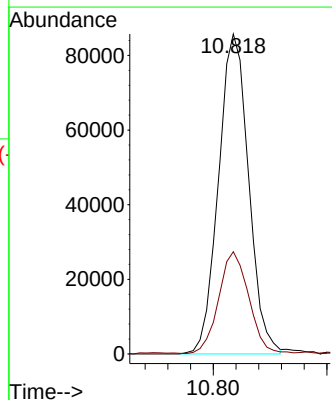
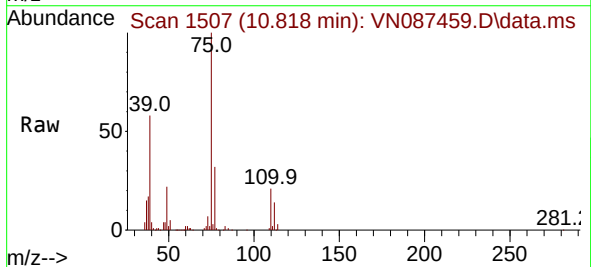
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

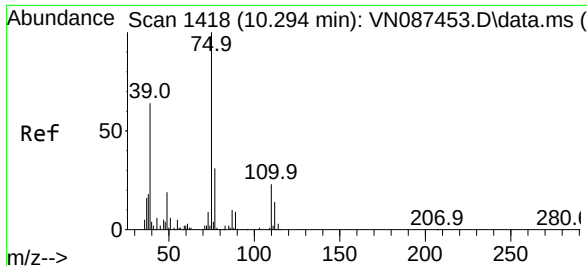
Tgt Ion: 43 Resp: 23716
Ion Ratio Lower Upper
43 100
55 13.8 4.6 6.8#



#48
t-1,3-Dichloropropene
Concen: 18.165 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 75 Resp: 157664
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

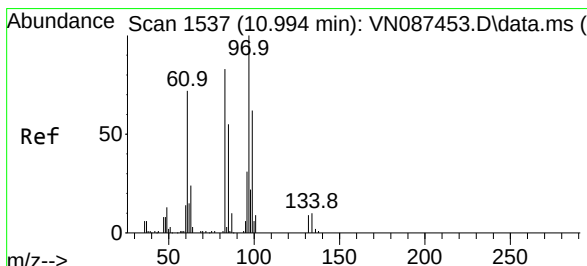
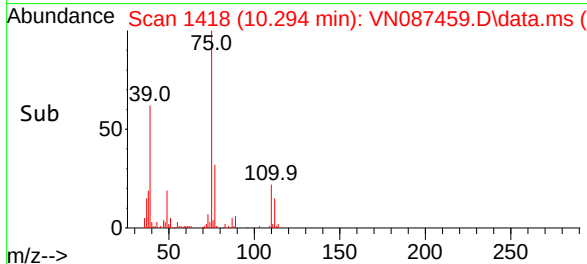
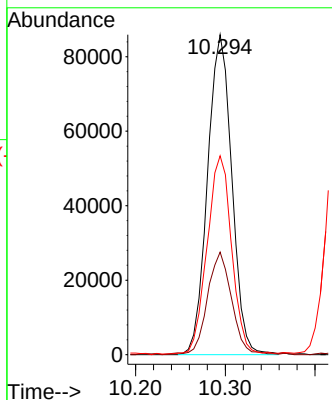
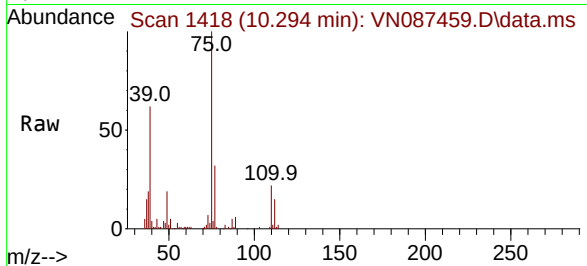




#49
 cis-1,3-Dichloropropene
 Concen: 18.510 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

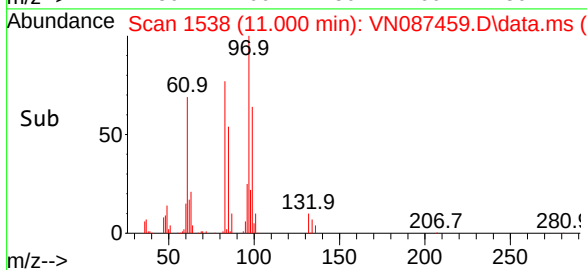
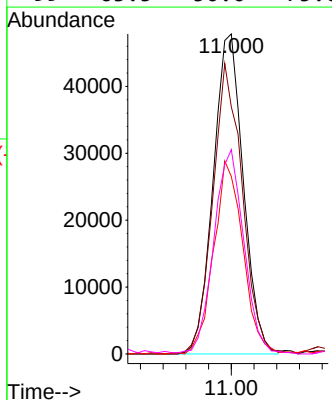
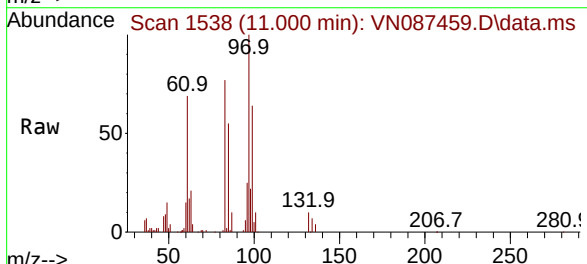
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS02

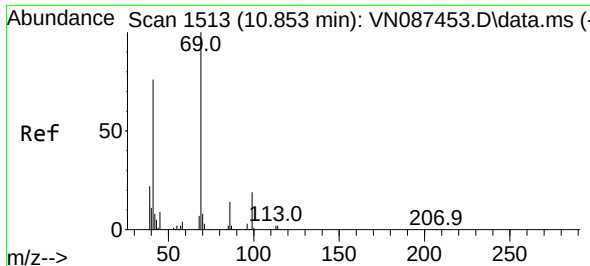
Tgt Ion: 75 Resp: 161680
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 36.8
 39 61.7 51.5 77.3



#50
 1,1,2-Trichloroethane
 Concen: 18.143 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

Tgt Ion: 97 Resp: 88006
 Ion Ratio Lower Upper
 97 100
 83 77.2 66.2 99.2
 85 55.1 43.9 65.9
 99 63.5 50.0 75.0

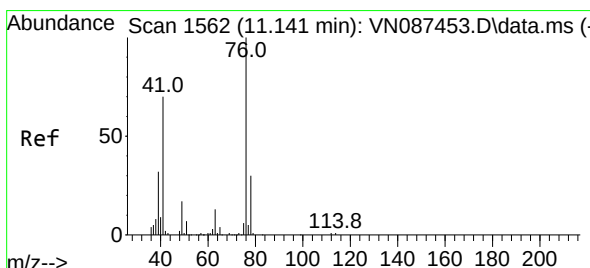
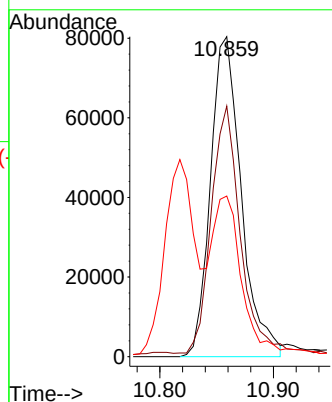
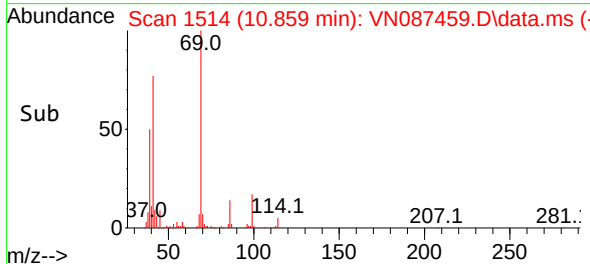
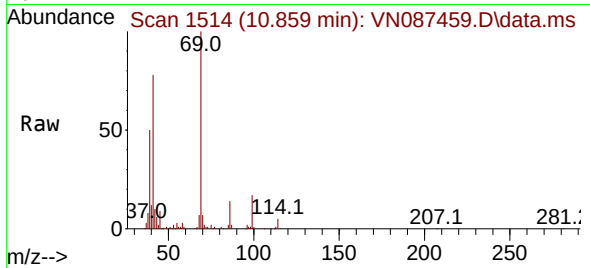




#51
Ethyl methacrylate
Concen: 17.759 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

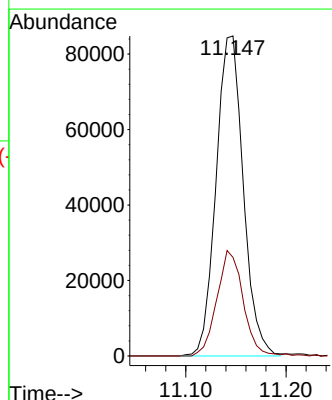
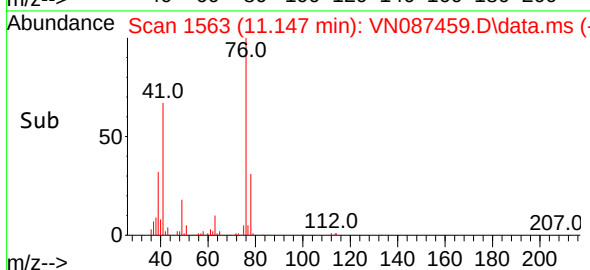
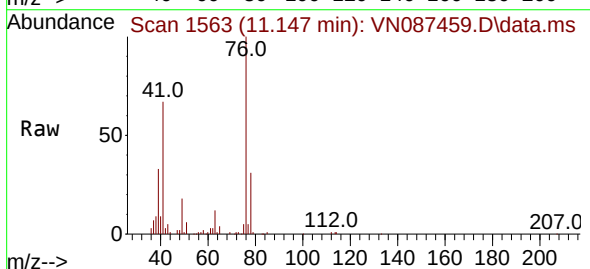
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

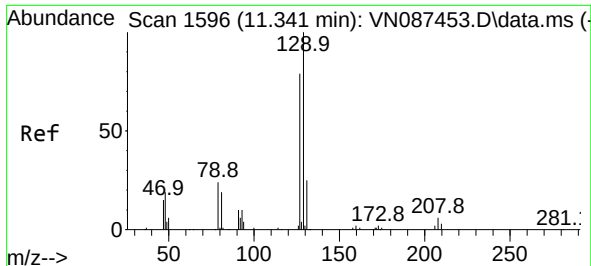
Tgt Ion: 69 Resp: 151713
Ion Ratio Lower Upper
69 100
41 77.1 38.0 114.1
39 48.1 23.2 69.5



#52
1,3-Dichloropropane
Concen: 18.283 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 76 Resp: 159776
Ion Ratio Lower Upper
76 100
78 31.6 0.0 63.0

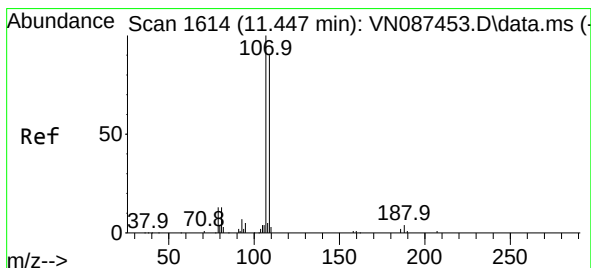
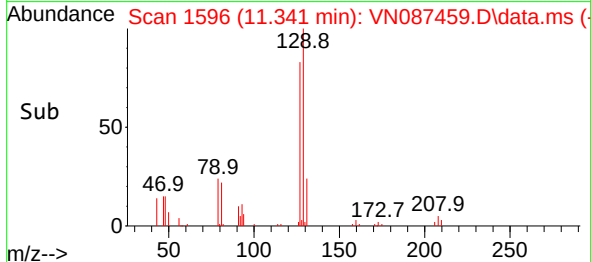
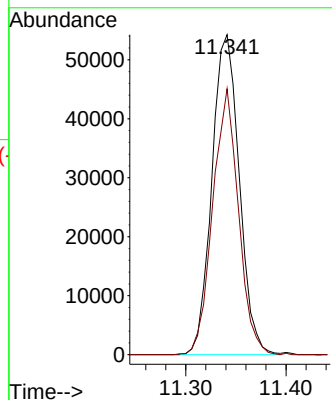
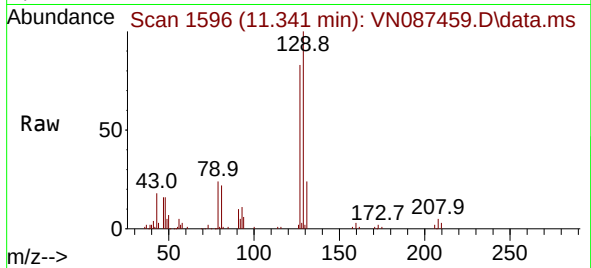




#53
Dibromochloromethane
Concen: 18.369 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

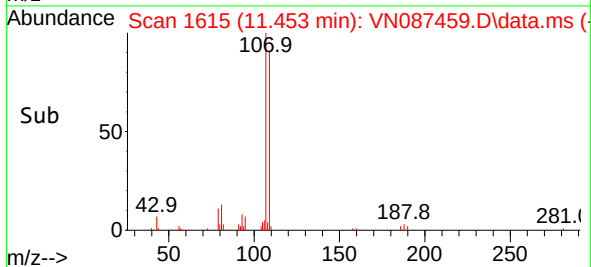
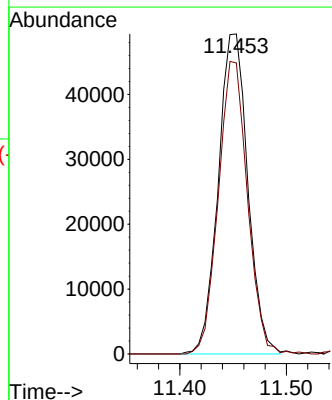
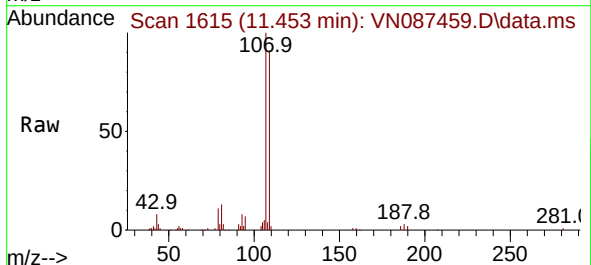
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

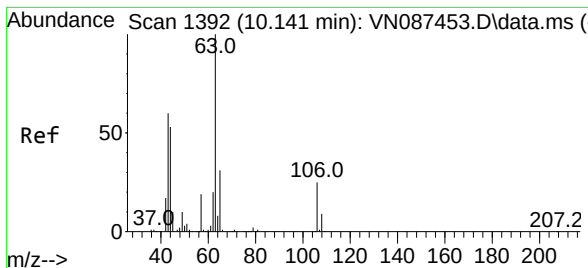
Tgt Ion:129 Resp: 102903
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.3



#54
1,2-Dibromoethane
Concen: 18.467 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion:107 Resp: 95094
Ion Ratio Lower Upper
107 100
109 89.6 74.2 111.4

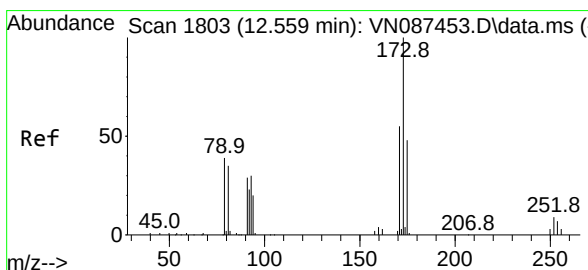
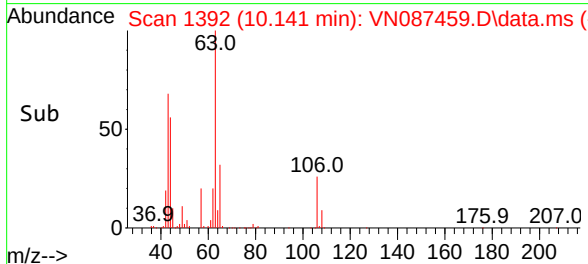
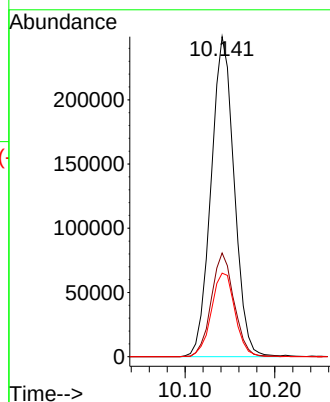
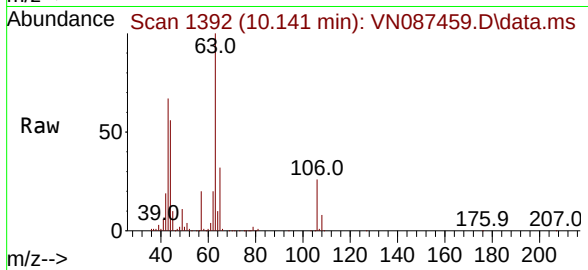




#55
2-Chloroethyl vinyl ether
Concen: 99.148 ug/l
RT: 10.141 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

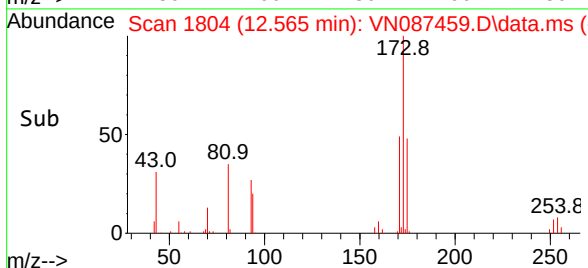
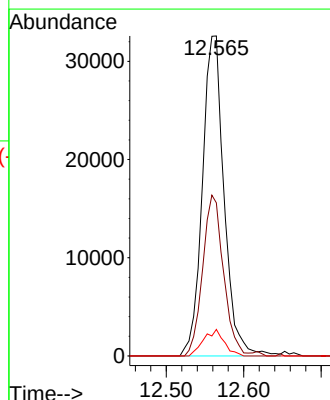
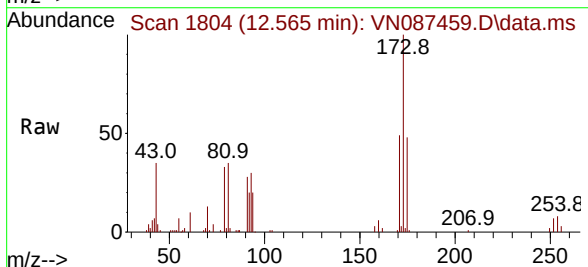
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

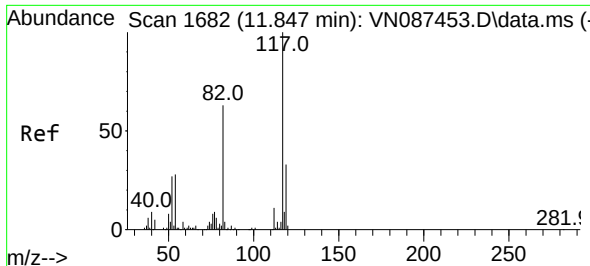
Tgt Ion: 63 Resp: 445893
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 26.5 20.7 31.1



#56
Bromoform
Concen: 17.189 ug/l
RT: 12.565 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 173 Resp: 63691
Ion Ratio Lower Upper
173 100
175 48.1 38.8 58.2
254 7.9 3.9 5.9#

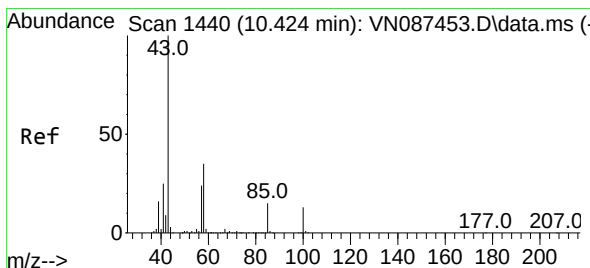
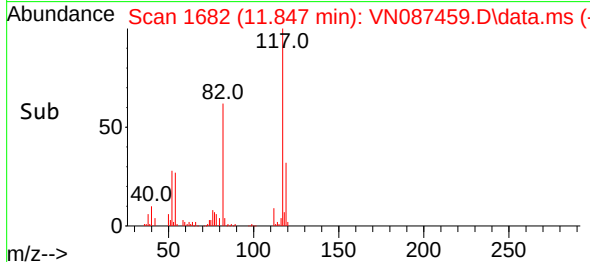
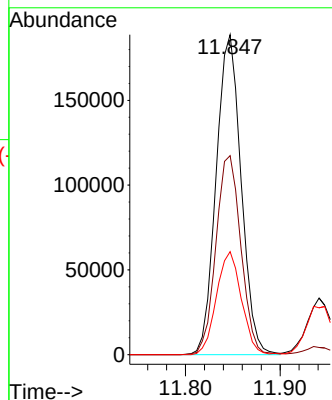
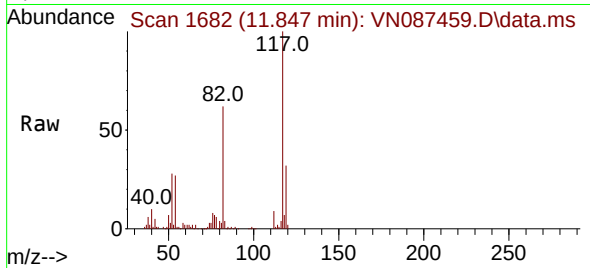




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

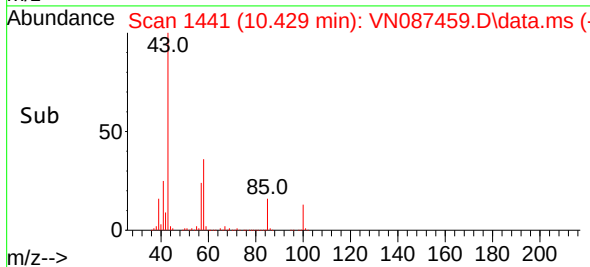
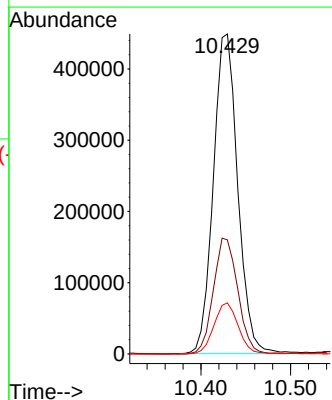
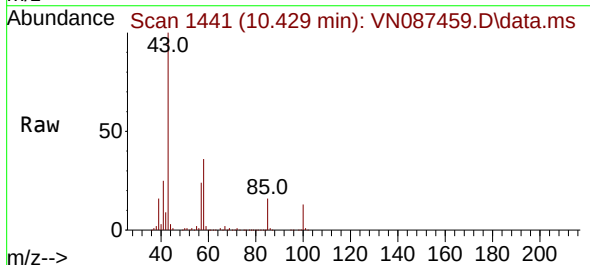
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

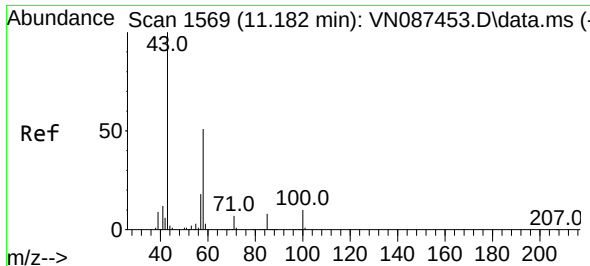
Tgt Ion:117 Resp: 345816
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 32.2 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 95.022 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 43 Resp: 845319
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6
85 16.0 12.7 19.1

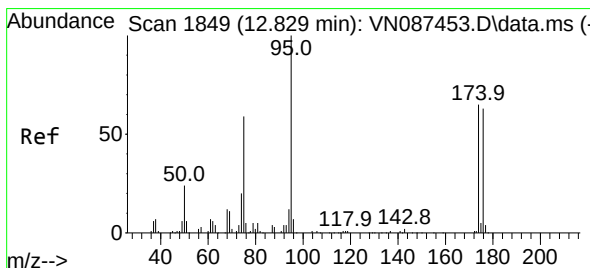
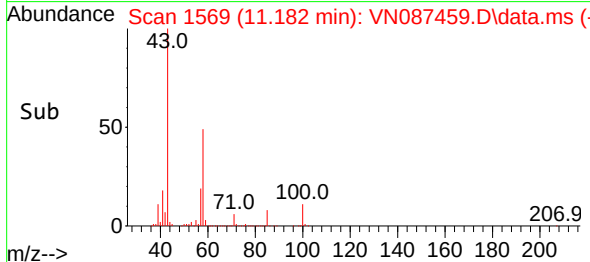
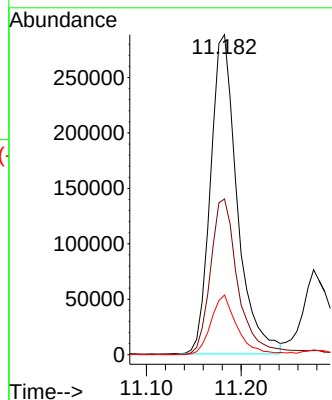
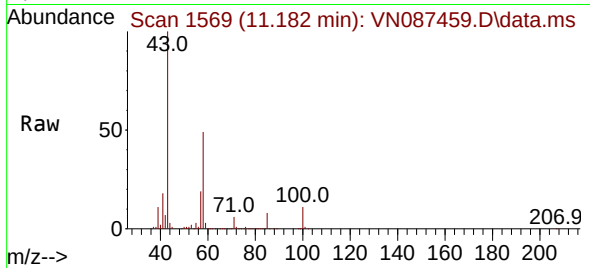




#59
2-Hexanone
Concen: 93.108 ug/l
RT: 11.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

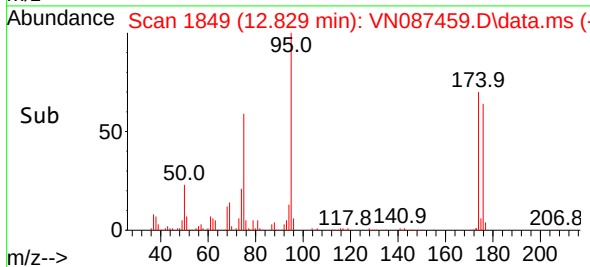
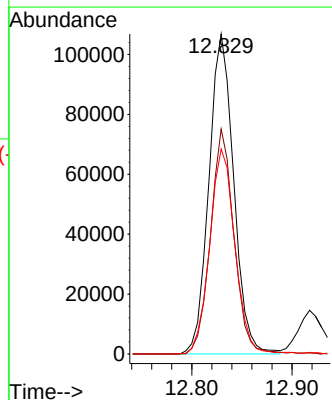
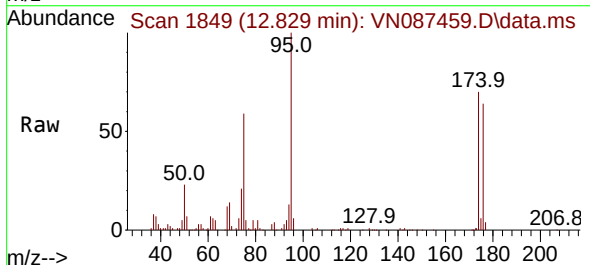
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

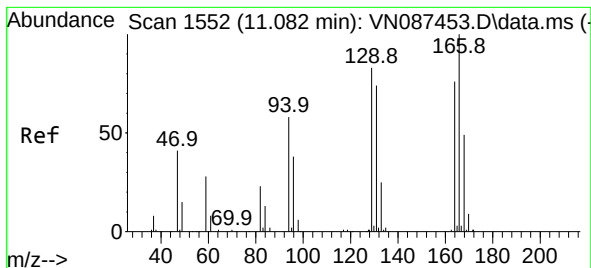
Tgt Ion: 43 Resp: 562782
Ion Ratio Lower Upper
43 100
58 50.7 41.0 61.6
57 18.5 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 30.897 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 95 Resp: 183875
Ion Ratio Lower Upper
95 100
174 66.5 52.3 78.5
176 64.6 49.8 74.8





#61

Tetrachloroethene

Concen: 19.175 ug/l

RT: 11.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBS02

Tgt Ion:164 Resp: 64602

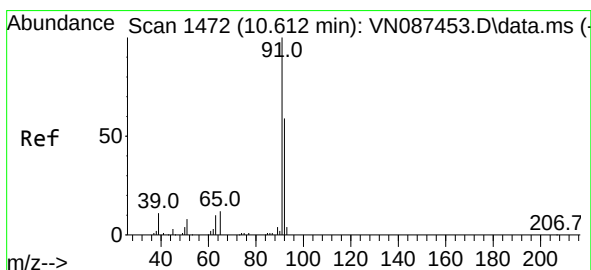
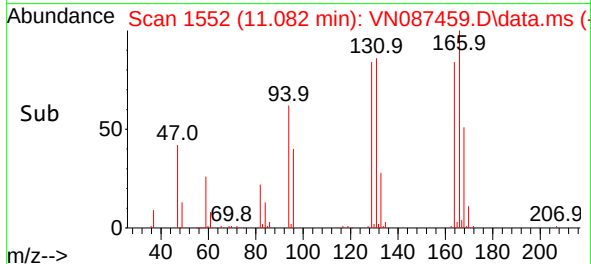
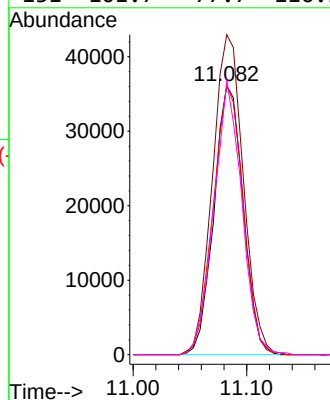
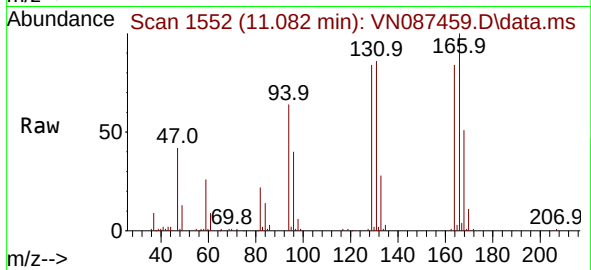
Ion Ratio Lower Upper

164 100

166 118.9 105.4 158.0

129 100.0 87.7 131.5

131 101.7 77.7 116.5



#62

Toluene

Concen: 18.628 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VN087459.D

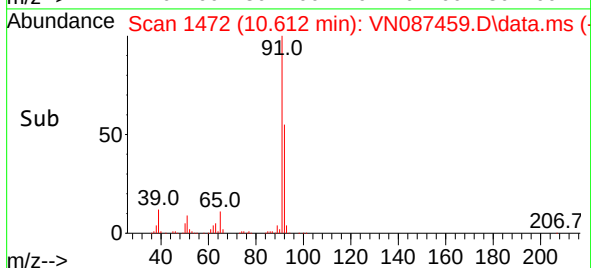
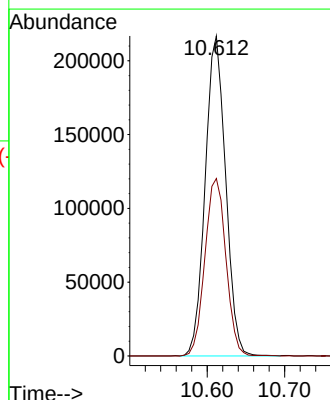
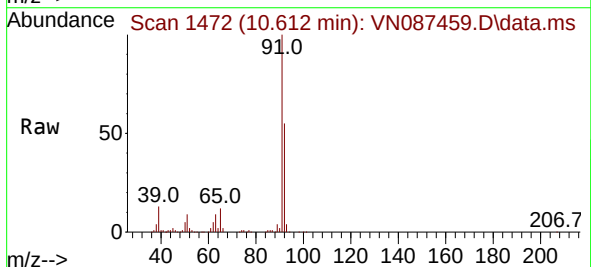
Acq: 05 Aug 2025 16:17

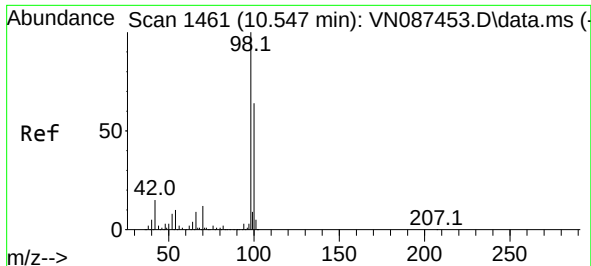
Tgt Ion: 91 Resp: 397589

Ion Ratio Lower Upper

91 100

92 56.8 45.8 68.6

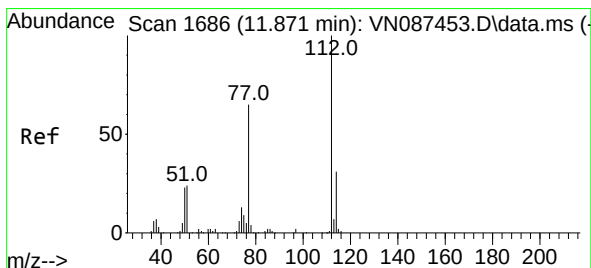
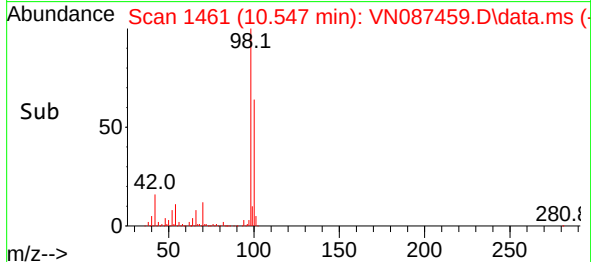
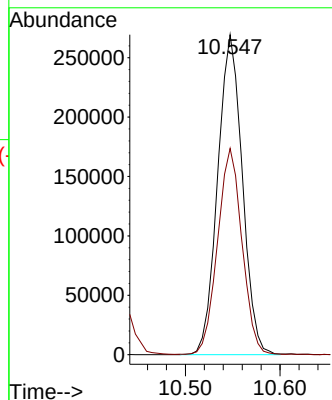
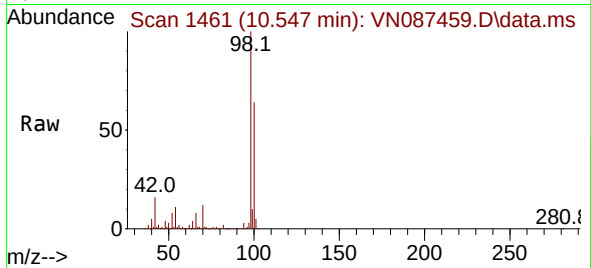




#63
Toluene-d8
Concen: 30.674 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

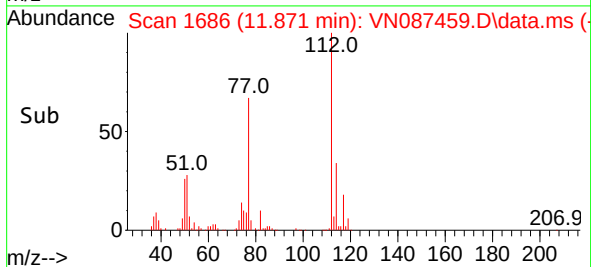
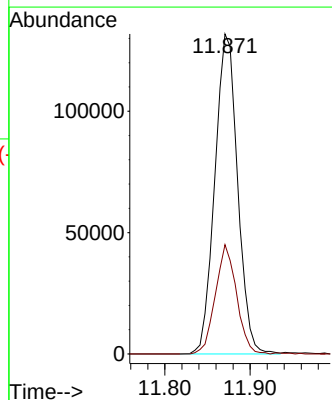
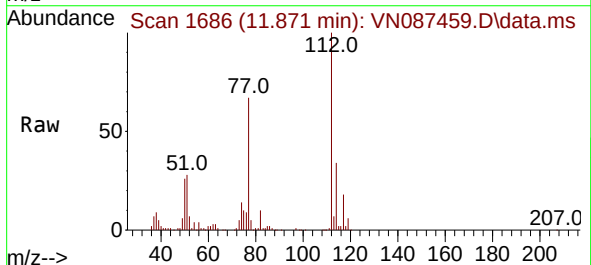
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

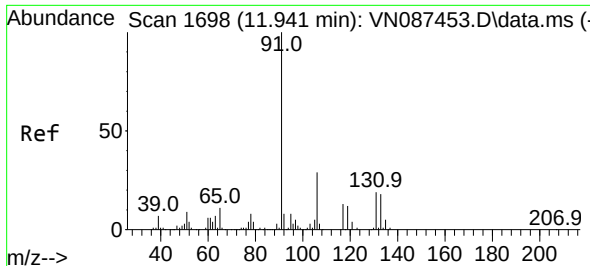
Tgt Ion: 98 Resp: 488074
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#64
Chlorobenzene
Concen: 18.664 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 112 Resp: 244781
Ion Ratio Lower Upper
112 100
114 34.1 24.7 37.1

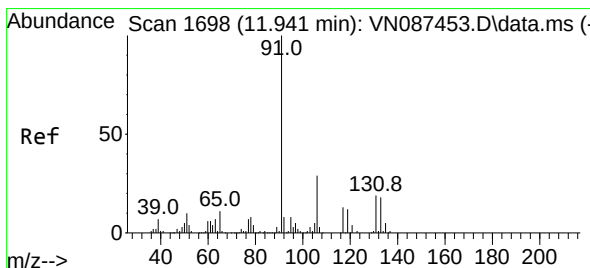
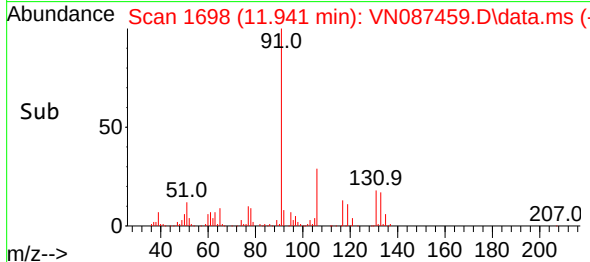
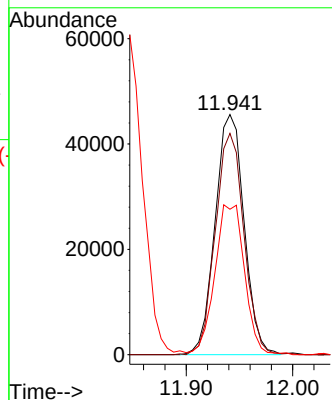
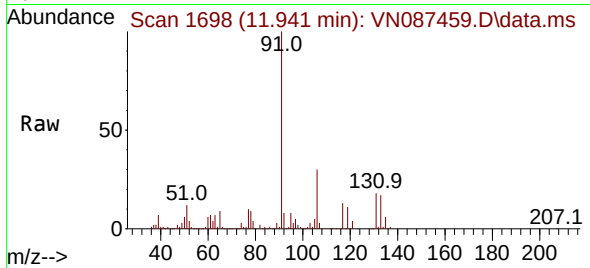




#65
1,1,1,2-Tetrachloroethane
Concen: 18.678 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

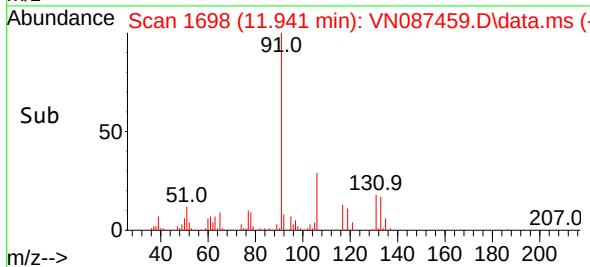
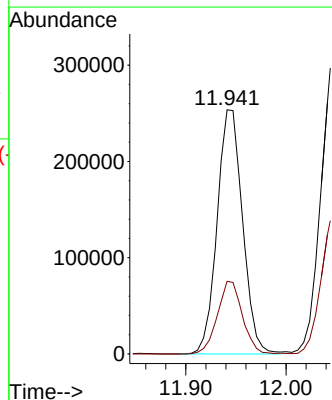
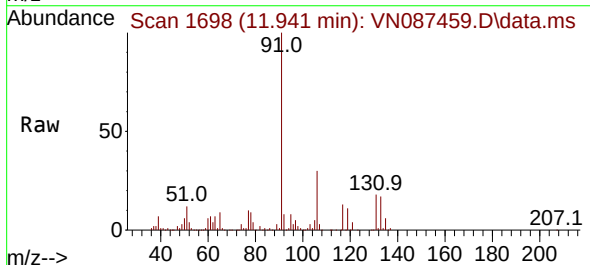
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

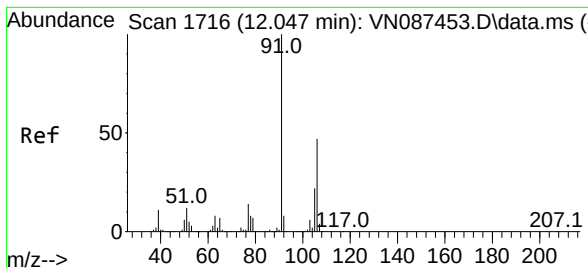
Tgt Ion:131 Resp: 86126
Ion Ratio Lower Upper
131 100
133 90.8 0.0 189.8
119 63.9 0.0 133.2



#66
Ethyl Benzene
Concen: 18.825 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 91 Resp: 447834
Ion Ratio Lower Upper
91 100
106 29.7 22.9 34.3

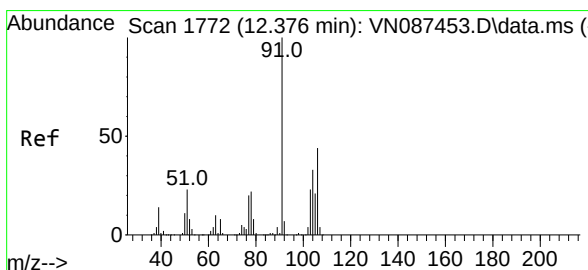
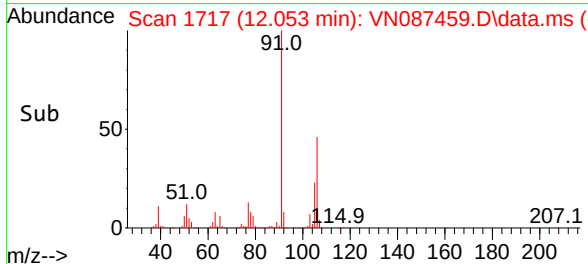
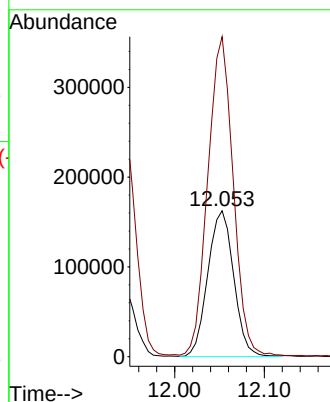
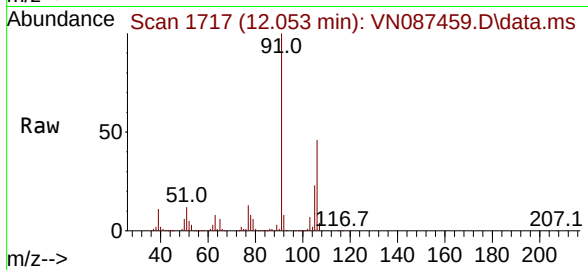




#67
m/p-Xylenes
Concen: 37.367 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

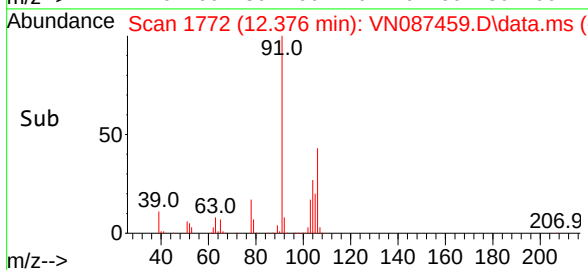
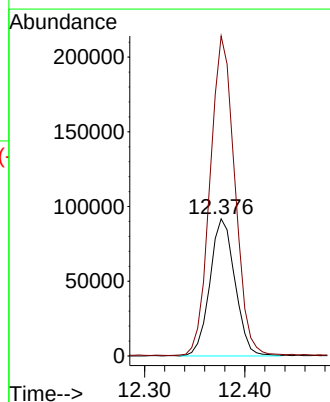
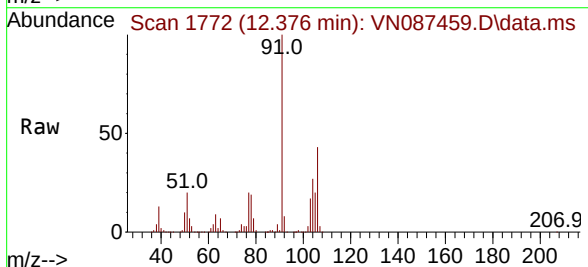
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

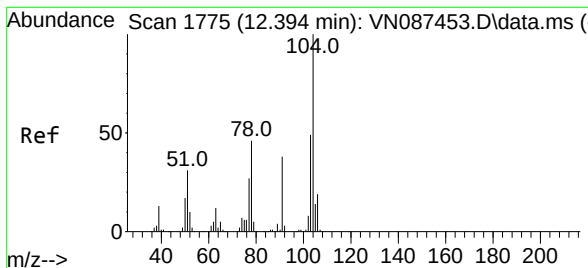
Tgt Ion:106 Resp: 326294
Ion Ratio Lower Upper
106 100
91 215.3 174.2 261.2



#68
o-Xylene
Concen: 18.578 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion:106 Resp: 159596
Ion Ratio Lower Upper
106 100
91 229.8 114.5 343.5





#69

Styrene

Concen: 18.560 ug/l

RT: 12.394 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBS02

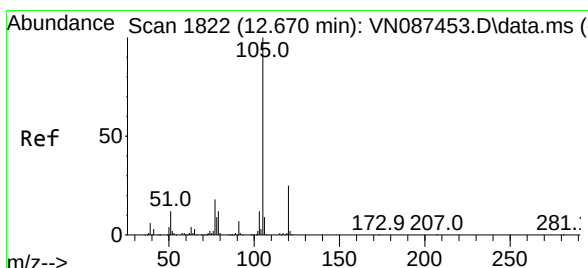
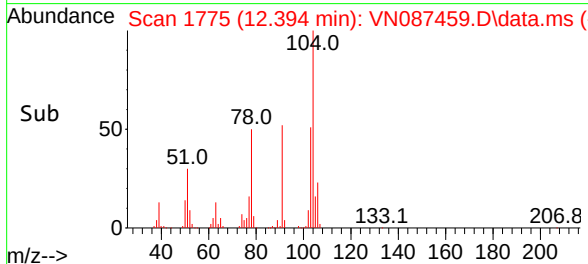
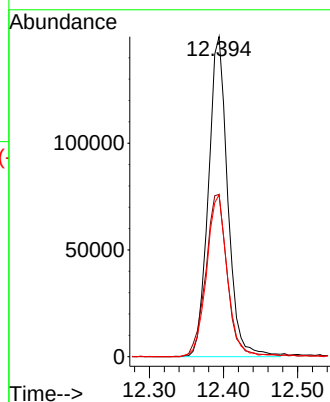
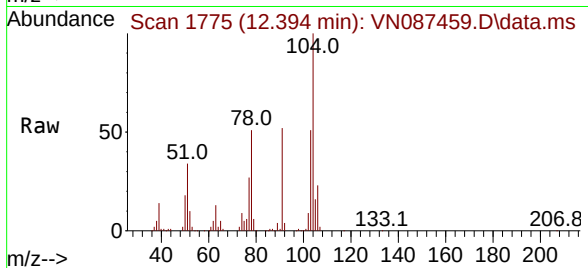
Tgt Ion:104 Resp: 272250

Ion Ratio Lower Upper

104 100

78 56.1 43.8 65.8

103 53.7 43.1 64.7



#70

Isopropylbenzene

Concen: 18.677 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087459.D

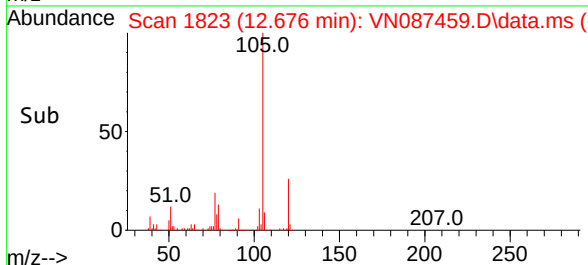
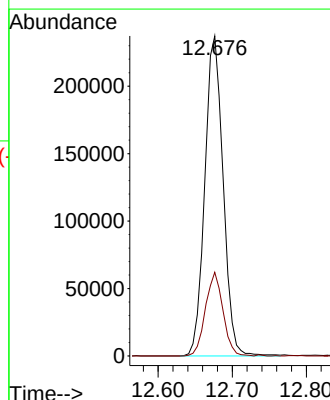
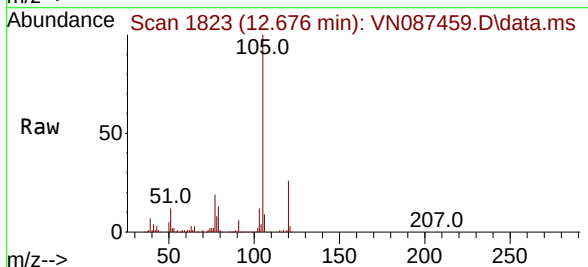
Acq: 05 Aug 2025 16:17

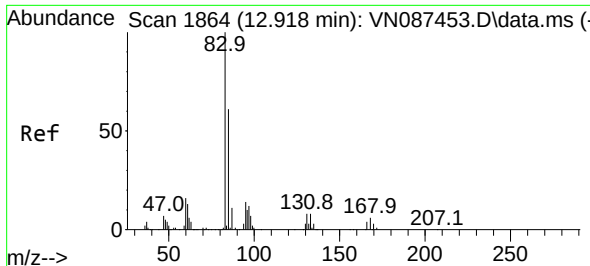
Tgt Ion:105 Resp: 407629

Ion Ratio Lower Upper

105 100

120 25.0 17.5 32.5

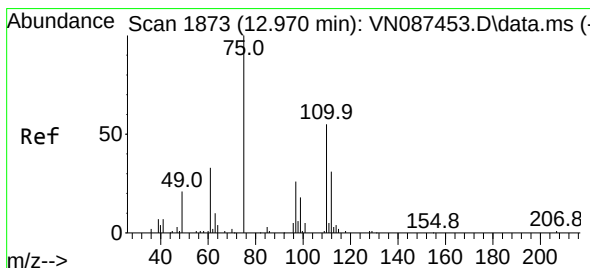
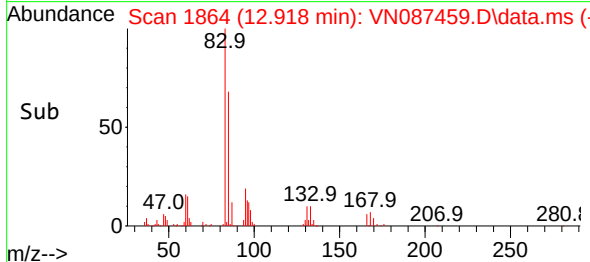
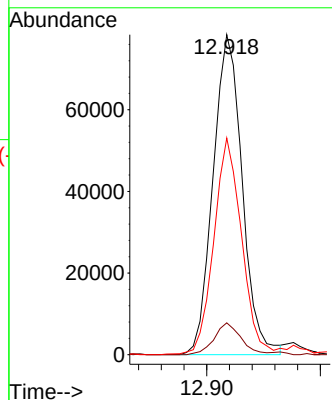
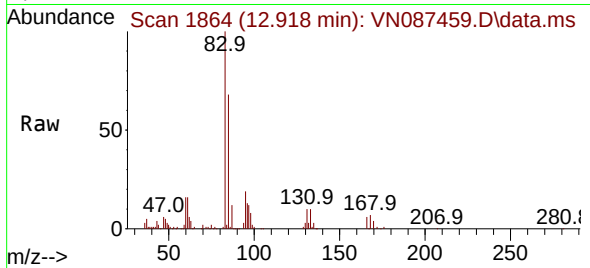




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.708 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

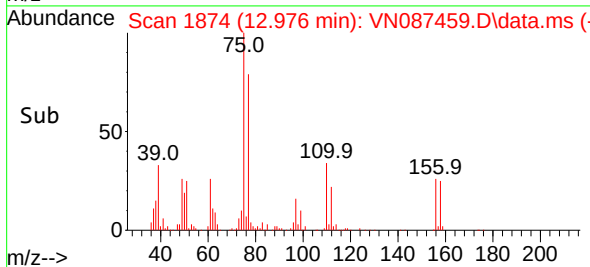
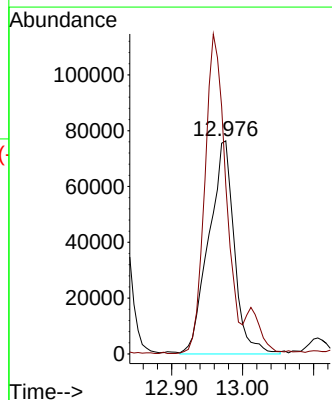
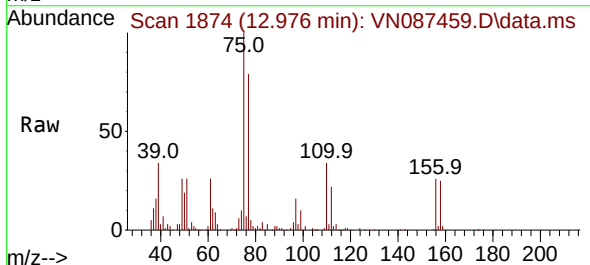
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS02

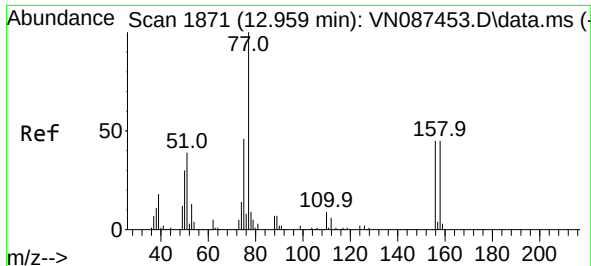
Tgt Ion: 83 Resp: 139898
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.8 14.3
 85 63.5 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 27.365 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.006 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

Tgt Ion: 75 Resp: 190640
 Ion Ratio Lower Upper
 75 100
 77 124.0 0.0 385.0

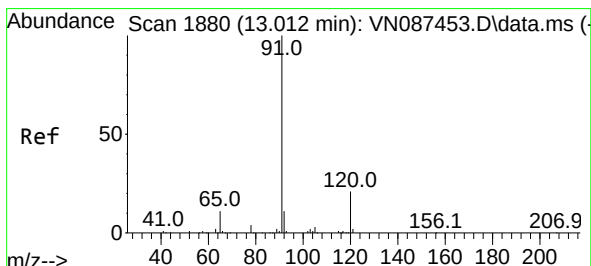
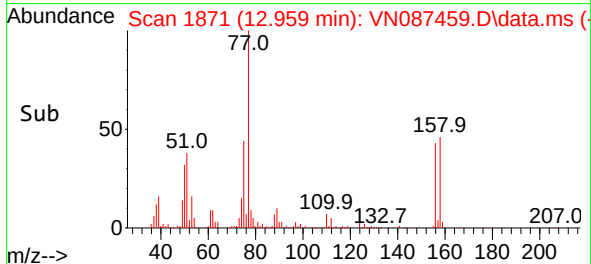
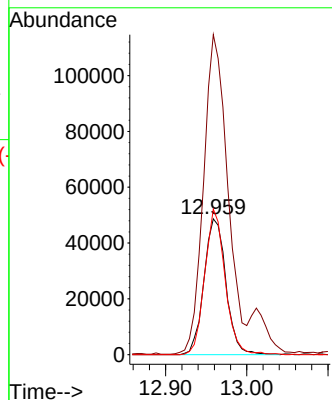
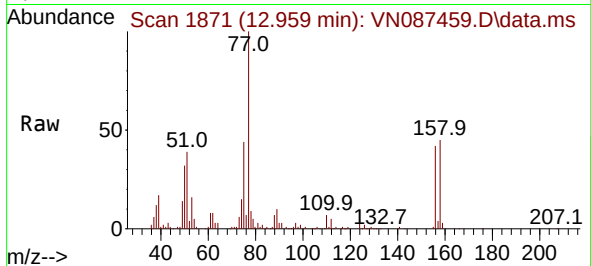




#73
Bromobenzene
Concen: 18.120 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

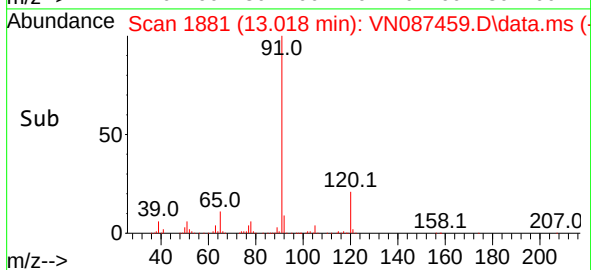
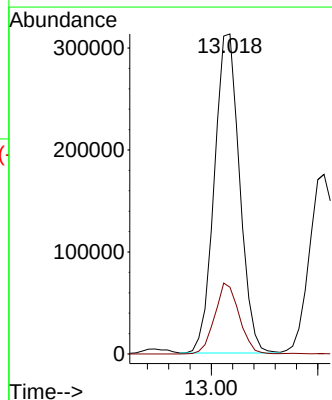
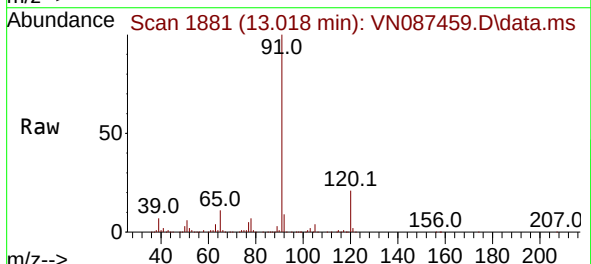
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

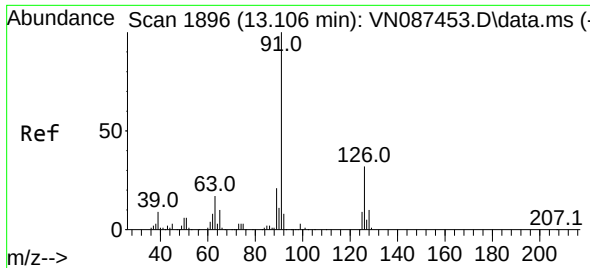
Tgt Ion:156 Resp: 91679
Ion Ratio Lower Upper
156 100
77 257.9 0.0 506.6
158 98.4 0.0 193.6



#74
n-propylbenzene
Concen: 18.886 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 91 Resp: 514787
Ion Ratio Lower Upper
91 100
120 21.5 0.0 41.8

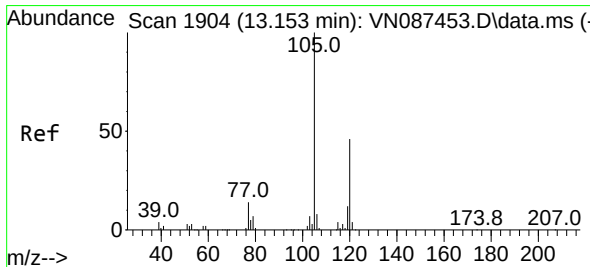
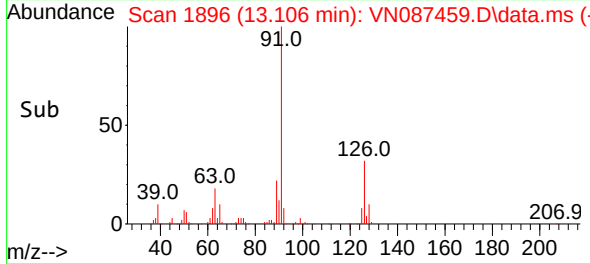
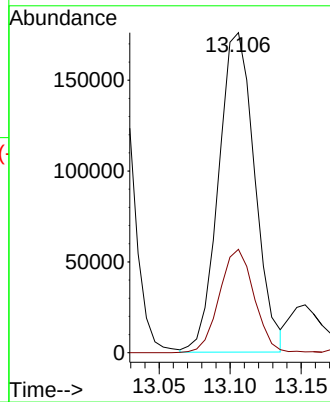
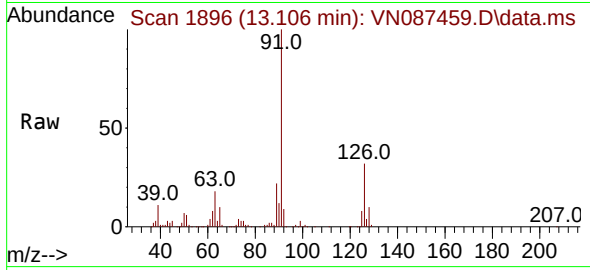




#75
2-Chlorotoluene
Concen: 18.639 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

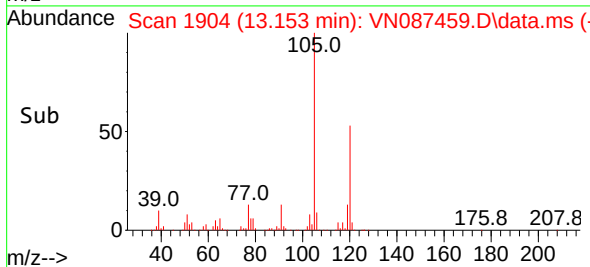
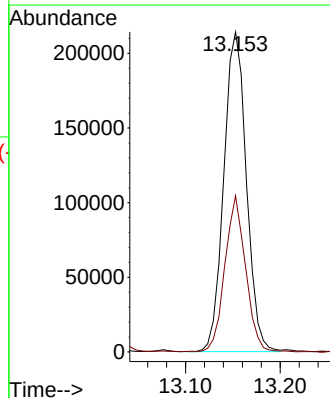
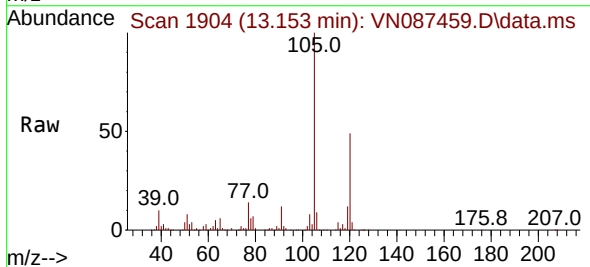
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

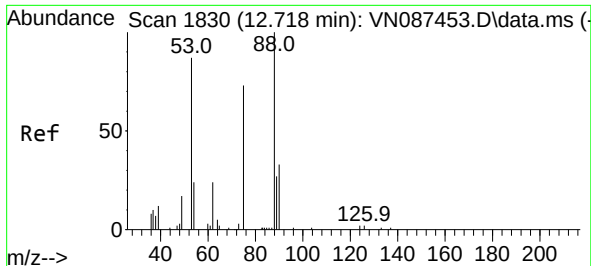
Tgt Ion: 91 Resp: 312510
Ion Ratio Lower Upper
91 100
126 31.2 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 18.951 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 105 Resp: 354138
Ion Ratio Lower Upper
105 100
120 45.1 0.0 91.2

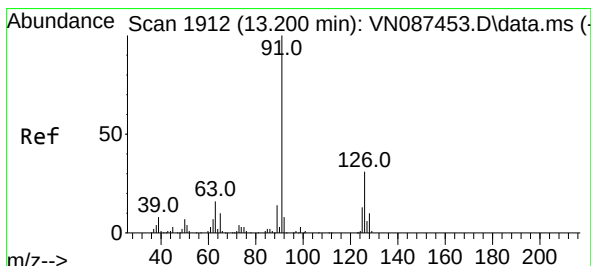
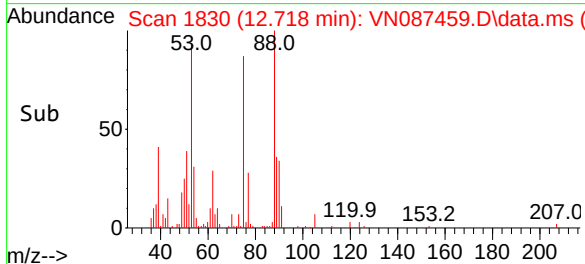
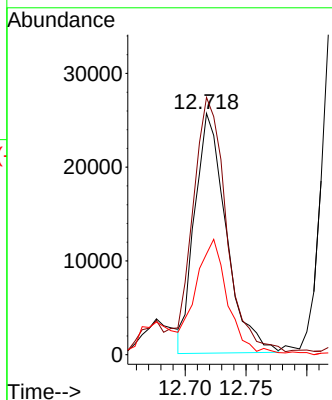
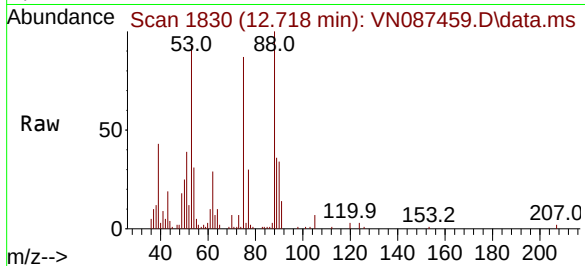




#77
t-1,4-Dichloro-2-butene
Concen: 17.490 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

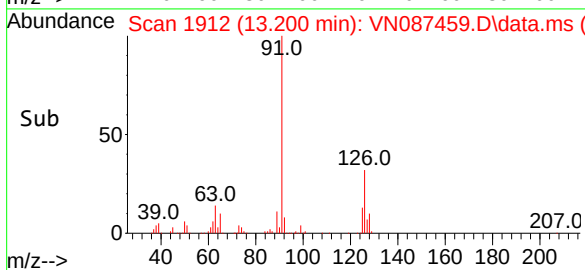
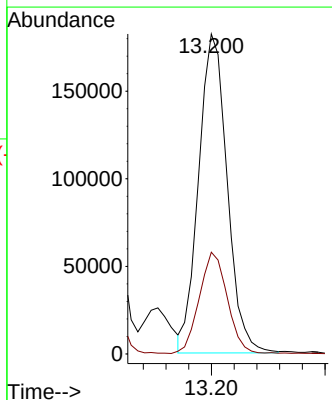
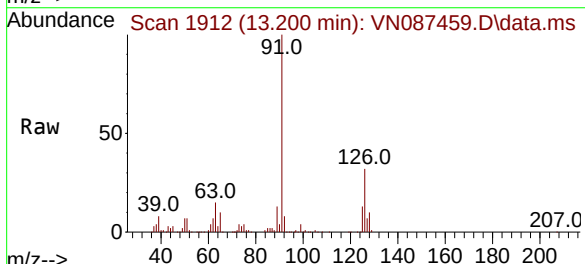
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

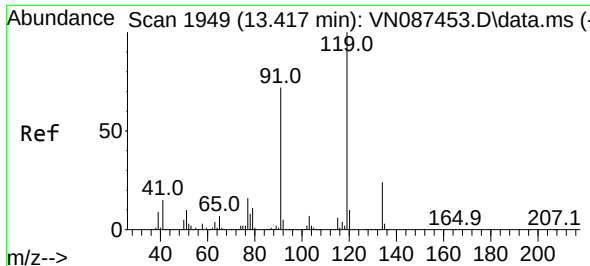
Tgt Ion: 75 Resp: 46125
Ion Ratio Lower Upper
75 100
53 105.0 59.0 176.8
89 41.6 22.1 66.5



#78
4-Chlorotoluene
Concen: 18.705 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 91 Resp: 317821
Ion Ratio Lower Upper
91 100
126 31.4 0.0 63.2

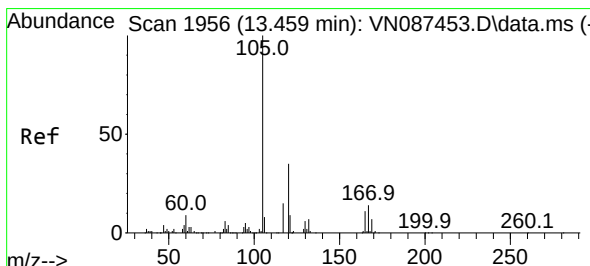
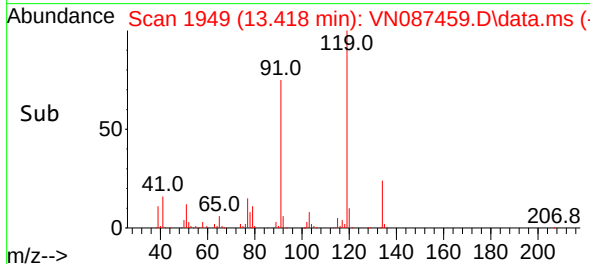
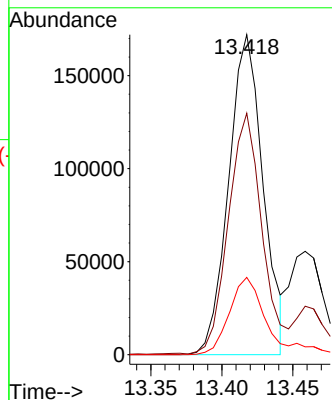
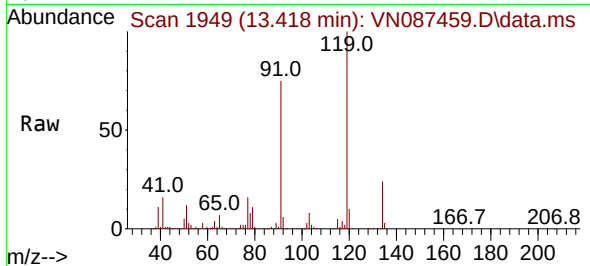




#79
tert-butylbenzene
Concen: 18.385 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

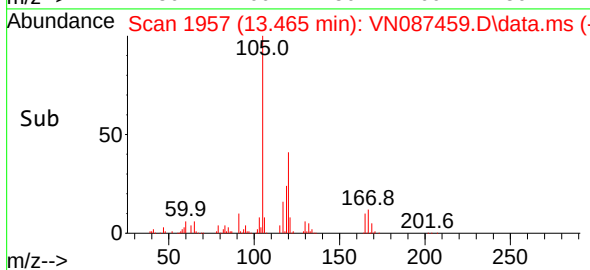
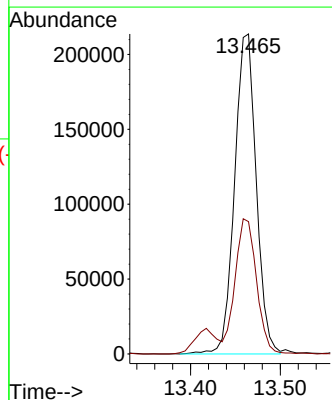
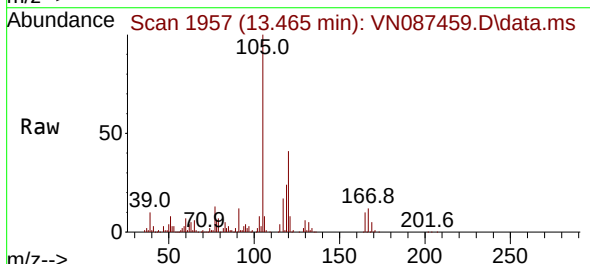
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

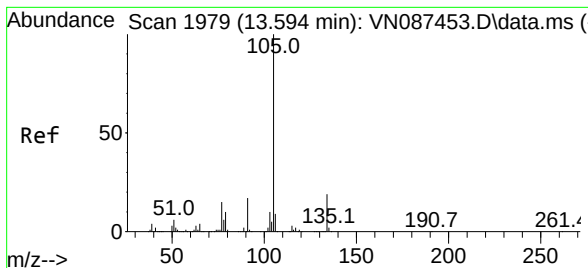
Tgt Ion:119 Resp: 289670
Ion Ratio Lower Upper
119 100
91 73.9 0.0 141.6
134 23.9 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 19.129 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion:105 Resp: 357197
Ion Ratio Lower Upper
105 100
120 41.6 0.0 87.2

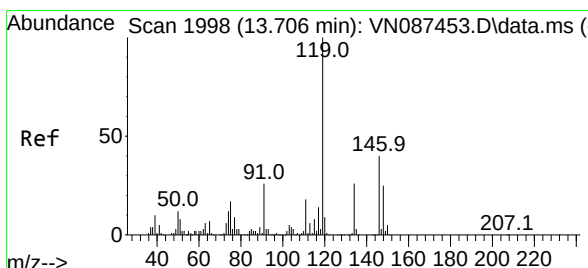
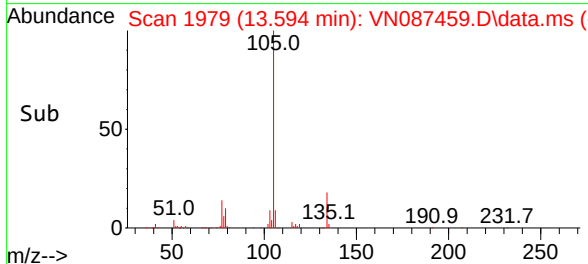
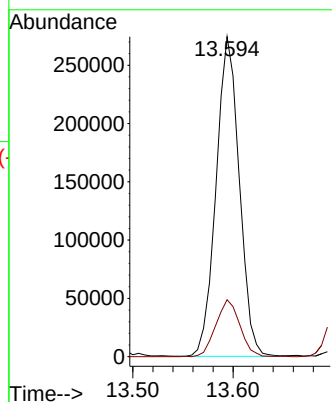
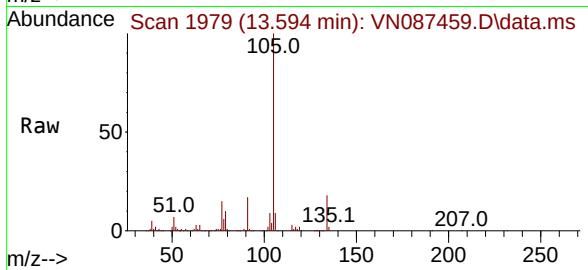




#81
 sec-Butylbenzene
 Concen: 19.237 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

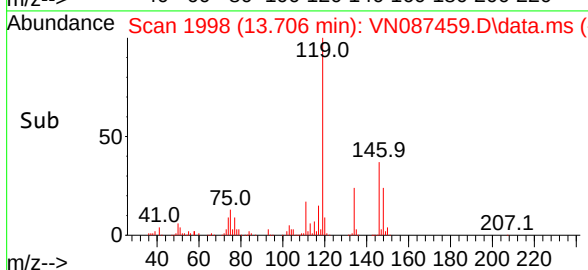
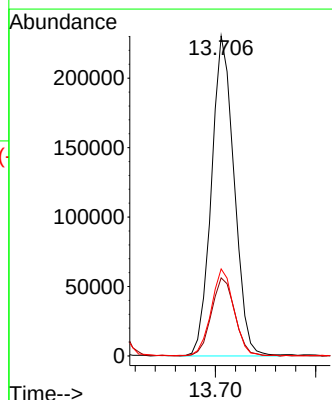
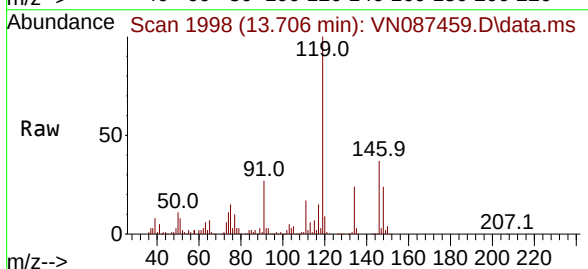
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS02

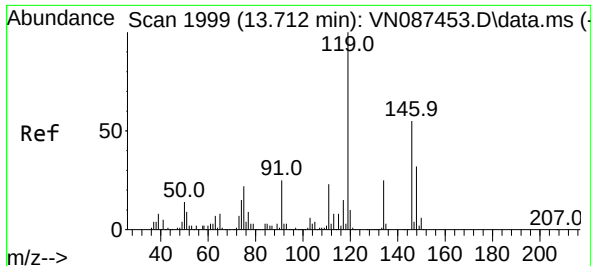
Tgt Ion:105 Resp: 441251
 Ion Ratio Lower Upper
 105 100
 134 18.4 0.0 37.6



#82
 p-Isopropyltoluene
 Concen: 19.061 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

Tgt Ion:119 Resp: 363013
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.4
 91 26.9 0.0 52.0

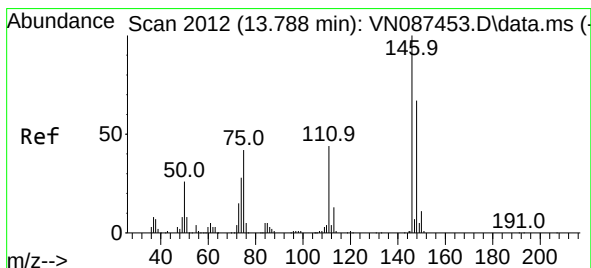
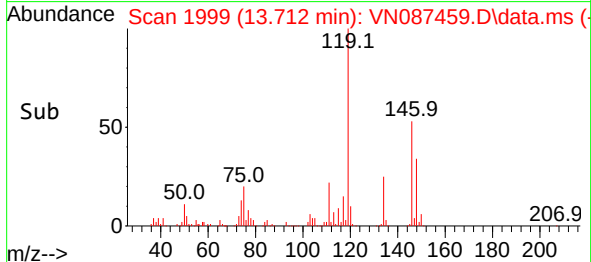
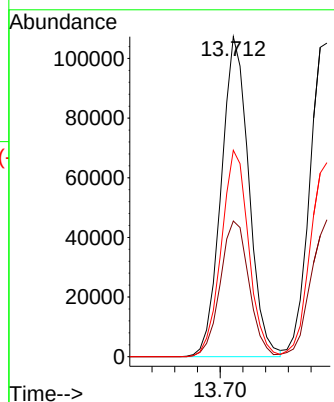
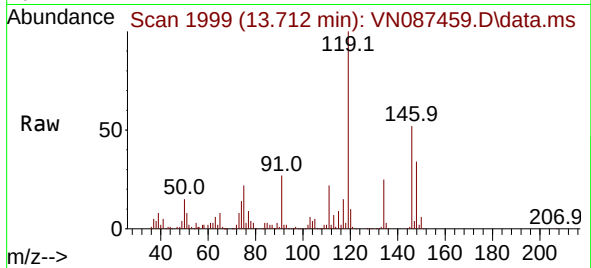




#83
 1,3-Dichlorobenzene
 Concen: 18.806 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

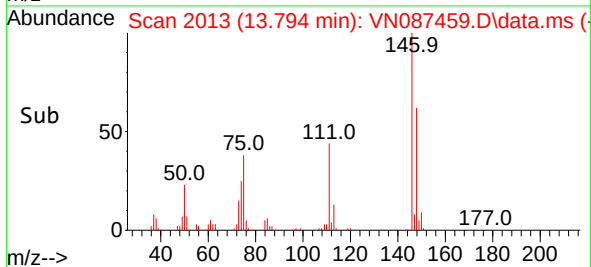
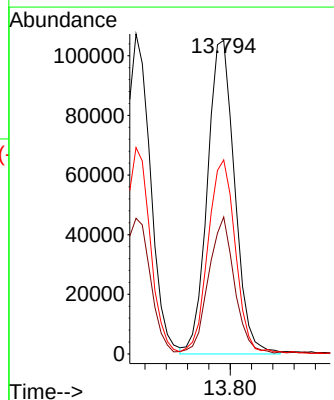
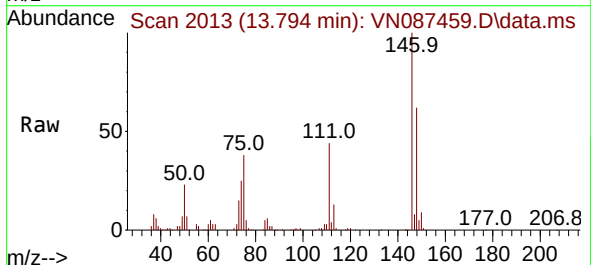
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS02

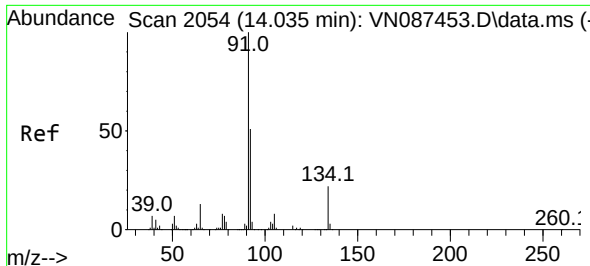
Tgt Ion:146 Resp: 181191
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.9 65.5
 148 63.9 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 19.177 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

Tgt Ion:146 Resp: 187318
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.1
 148 61.7 31.4 94.3

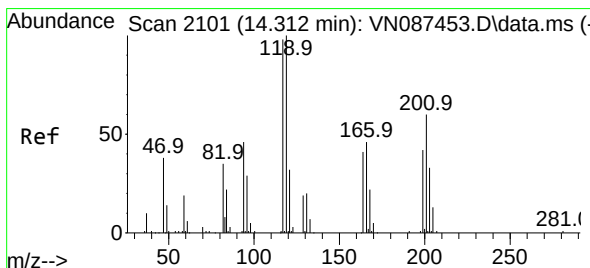
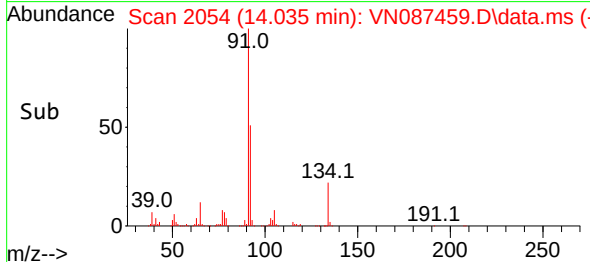
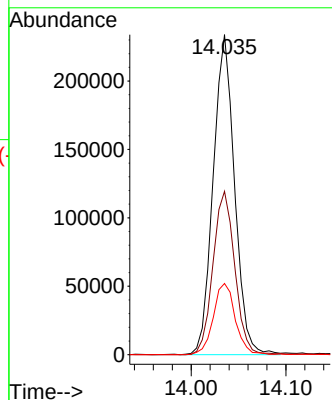
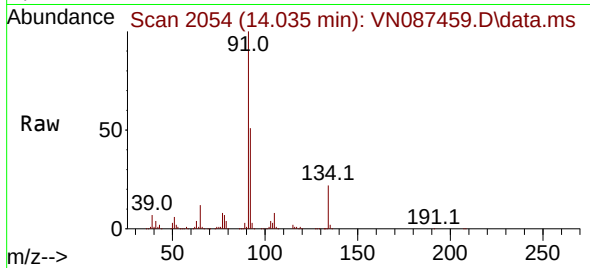




#85
n-Butylbenzene
Concen: 19.701 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

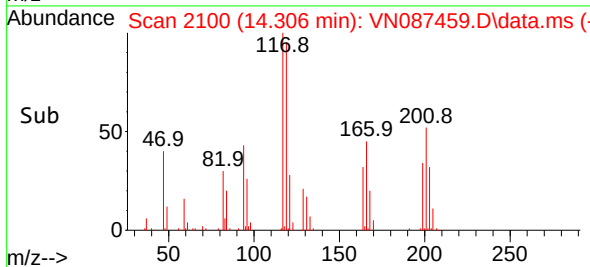
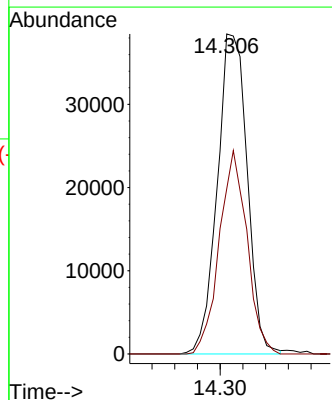
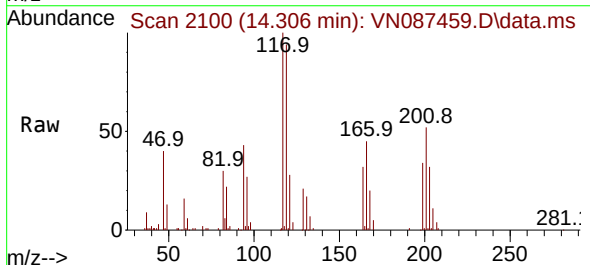
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBS02

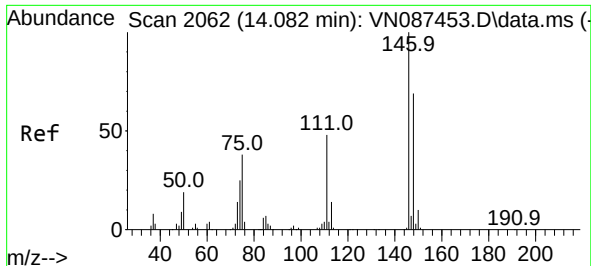
Tgt Ion: 91 Resp: 367098
Ion Ratio Lower Upper
91 100
92 52.1 0.0 106.6
134 22.7 0.0 44.4



#86
Hexachloroethane
Concen: 18.910 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087459.D
Acq: 05 Aug 2025 16:17

Tgt Ion: 117 Resp: 70328
Ion Ratio Lower Upper
117 100
201 58.9 29.1 87.4





#87

1,2-Dichlorobenzene

Concen: 19.148 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBS02

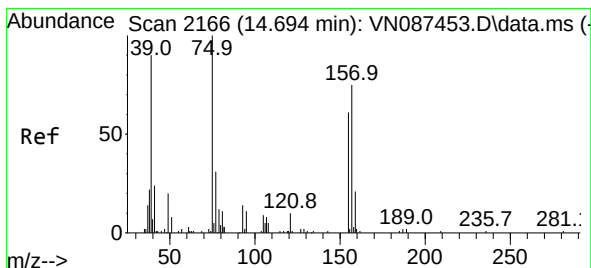
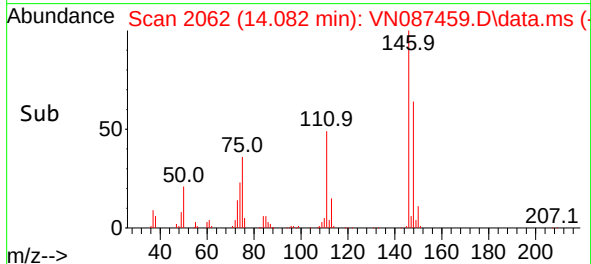
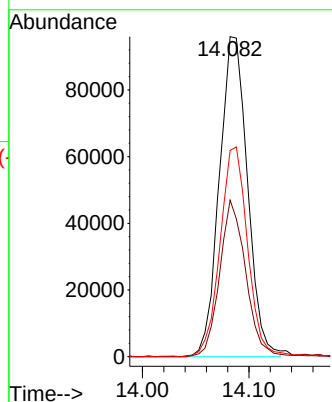
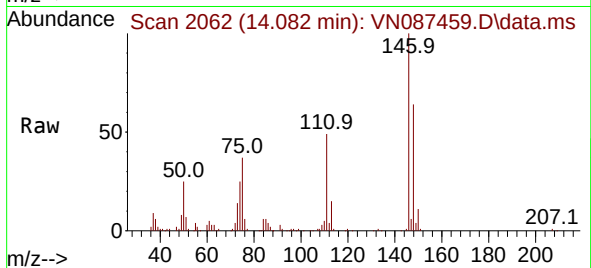
Tgt Ion:146 Resp: 176099

Ion Ratio Lower Upper

146 100

111 45.2 22.9 68.7

148 64.3 31.6 94.7



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.730 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

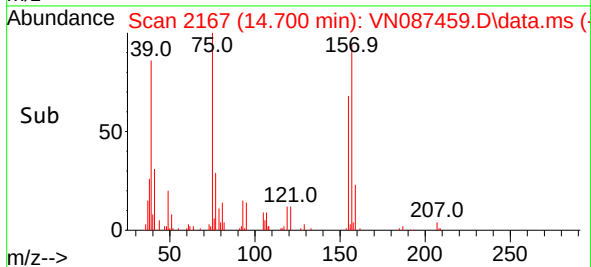
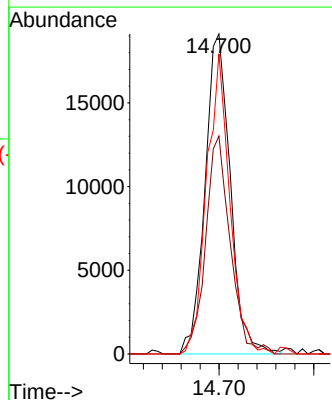
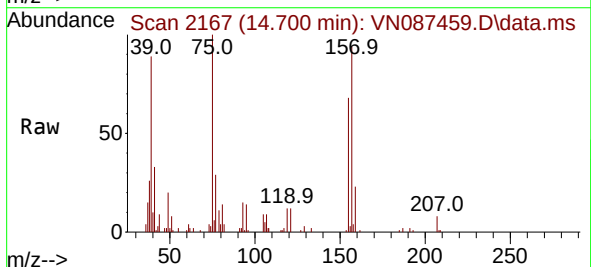
Tgt Ion: 75 Resp: 35483

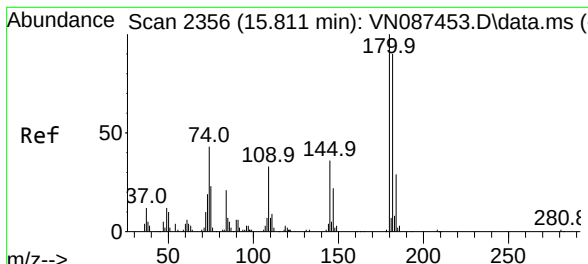
Ion Ratio Lower Upper

75 100

155 65.3 55.7 83.5

157 85.2 65.8 98.6

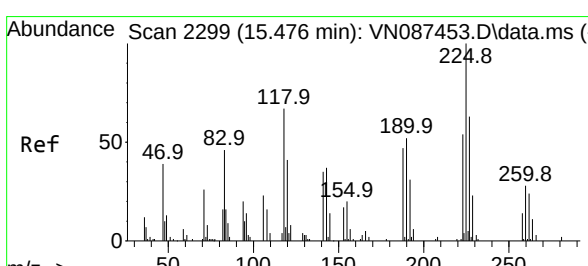
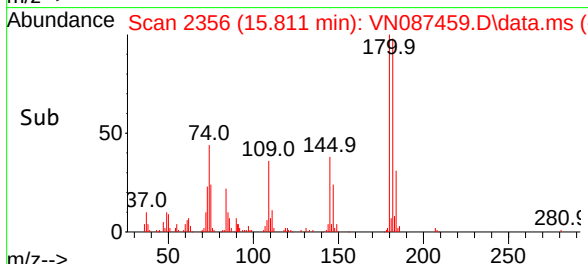
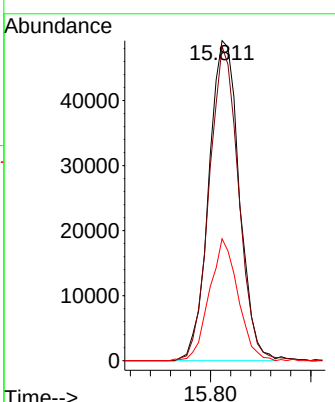
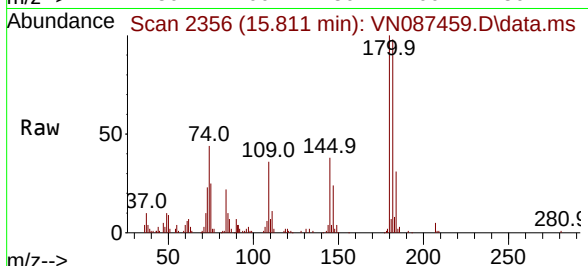




#89
 1,2,4-Trichlorobenzene
 Concen: 18.842 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

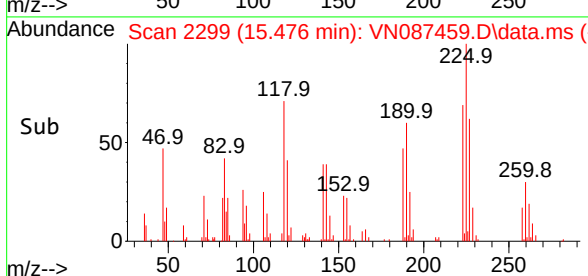
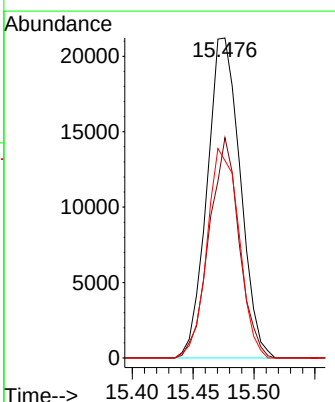
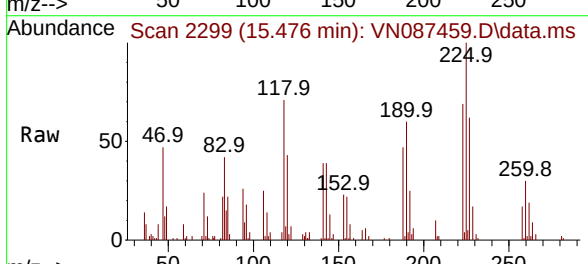
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS02

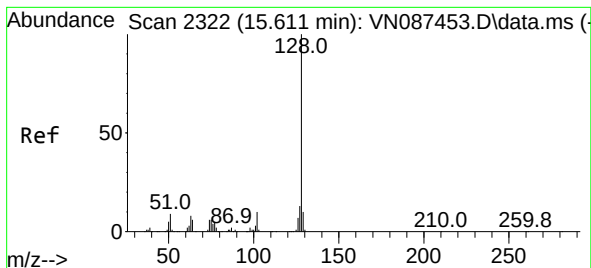
Tgt Ion:	180	Resp:	103561
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.0	112.4
145	35.7	28.6	43.0



#90
 Hexachlorobutadiene
 Concen: 18.828 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: VN087459.D
 Acq: 05 Aug 2025 16:17

Tgt Ion:	225	Resp:	40240
Ion Ratio	Lower	Upper	
225	100		
223	62.1	0.0	116.0
227	63.0	0.0	127.0





#91

Naphthalene

Concen: 18.905 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Instrument :

MSVOA_N

ClientSampleId :

VN0805WBS02

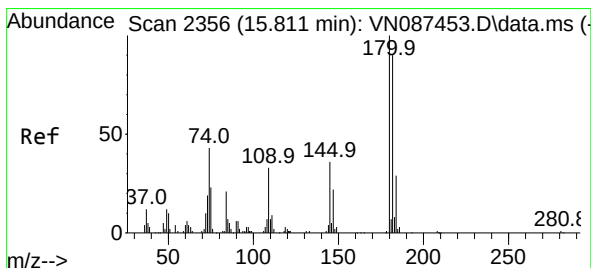
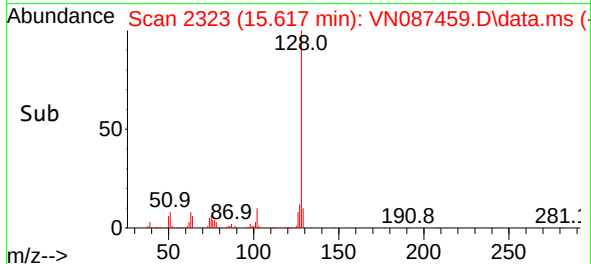
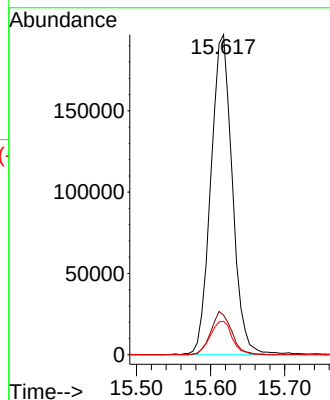
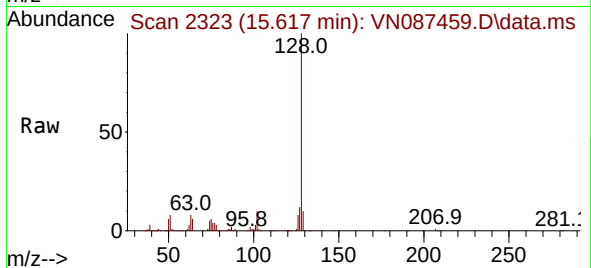
Tgt Ion:128 Resp: 396205

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.6 8.9 13.3



#92

1,2,3-Trichlorobenzene

Concen: 18.842 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087459.D

Acq: 05 Aug 2025 16:17

Tgt Ion:180 Resp: 103561

Ion Ratio Lower Upper

180 100

182 95.0 0.0 187.4

145 35.7 0.0 71.6

