

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087853.D
 Acq On : 16 Sep 2025 16:29
 Operator : JC\MD
 Sample : Q3108-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 01:23:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	185269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	420719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	413257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	214606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	183121	48.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	8.147	113	153469	50.523	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	10.547	98	555814	48.888	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.829	95	202863	50.174	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.340%

Target Compounds				Qvalue		
3) Chloromethane	2.389	50	753	0.278	ug/l #	42
5) Bromomethane	2.995	94	524	0.324	ug/l #	55
10) Methyl Iodide	4.583	142	259	6.926	ug/l #	38
11) Tert butyl alcohol	5.524	59	396	0.601	ug/l #	71
13) Acrolein	4.130	56	715	0.883	ug/l #	1
14) Allyl chloride	5.124	41	3777	0.780	ug/l #	57
15) Acrylonitrile	5.800	53	15552	8.368	ug/l #	46
16) Acetone	4.412	43	43915	21.252	ug/l #	61
17) Carbon Disulfide	4.706	76	4313	0.587	ug/l #	93
18) Methyl Acetate	5.277	43	129956	30.036	ug/l #	54
20) Methylene Chloride	5.253	84	2549	Below Cal	#	1
25) 2-Butanone	7.489	43	7257	2.669	ug/l #	86
26) 2,2-Dichloropropane	7.306	77	6917	1.407	ug/l #	54
30) Chloroform	7.912	83	3102	0.531	ug/l #	19
31) Cyclohexane	8.236	56	184130	38.565	ug/l #	96
36) 1,1-Dichloropropene	8.206	75	17415	3.737	ug/l #	51
37) Ethyl Acetate	7.489	43	7257	1.140	ug/l #	72
38) Carbon Tetrachloride	8.212	117	21074	4.580	ug/l #	14
39) Methylcyclohexane	9.582	83	103304	20.135	ug/l	98
40) Benzene	8.594	78	12906	0.903	ug/l #	81
43) Isopropyl Acetate	8.688	43	31985	3.217	ug/l #	58
45) 1,2-Dichloropropane	9.582	63	2325	0.617	ug/l #	1
47) Bromodichloromethane	9.847	83	4809	0.875	ug/l #	23
48) Methyl methacrylate	9.718	41	4390	0.934	ug/l #	41
51) 4-Methyl-2-Pentanone	10.477	43	4049	0.675	ug/l #	70
52) Toluene	10.606	92	89671	10.120	ug/l	99
55) 1,1,2-Trichloroethane	10.982	97	21125	6.163	ug/l #	24
56) Ethyl methacrylate	10.841	69	1979	0.361	ug/l #	35
58) 2-Chloroethyl Vinyl ether	10.130	63	700	0.236	ug/l #	49
59) 2-Hexanone	11.147	43	5573	1.470	ug/l #	28
67) Ethyl Benzene	11.941	91	1205763	67.735	ug/l	100
68) m/p-Xylenes	12.047	106	726410	111.268	ug/l	96
69) o-Xylene	12.376	106	289309	45.220	ug/l	100
70) Styrene	12.376	104	17340	1.618	ug/l #	1
73) Isopropylbenzene	12.671	105	341010	19.664	ug/l	100
76) 1,2,3-Trichloropropane	13.018	75	9867	1.961	ug/l #	1

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

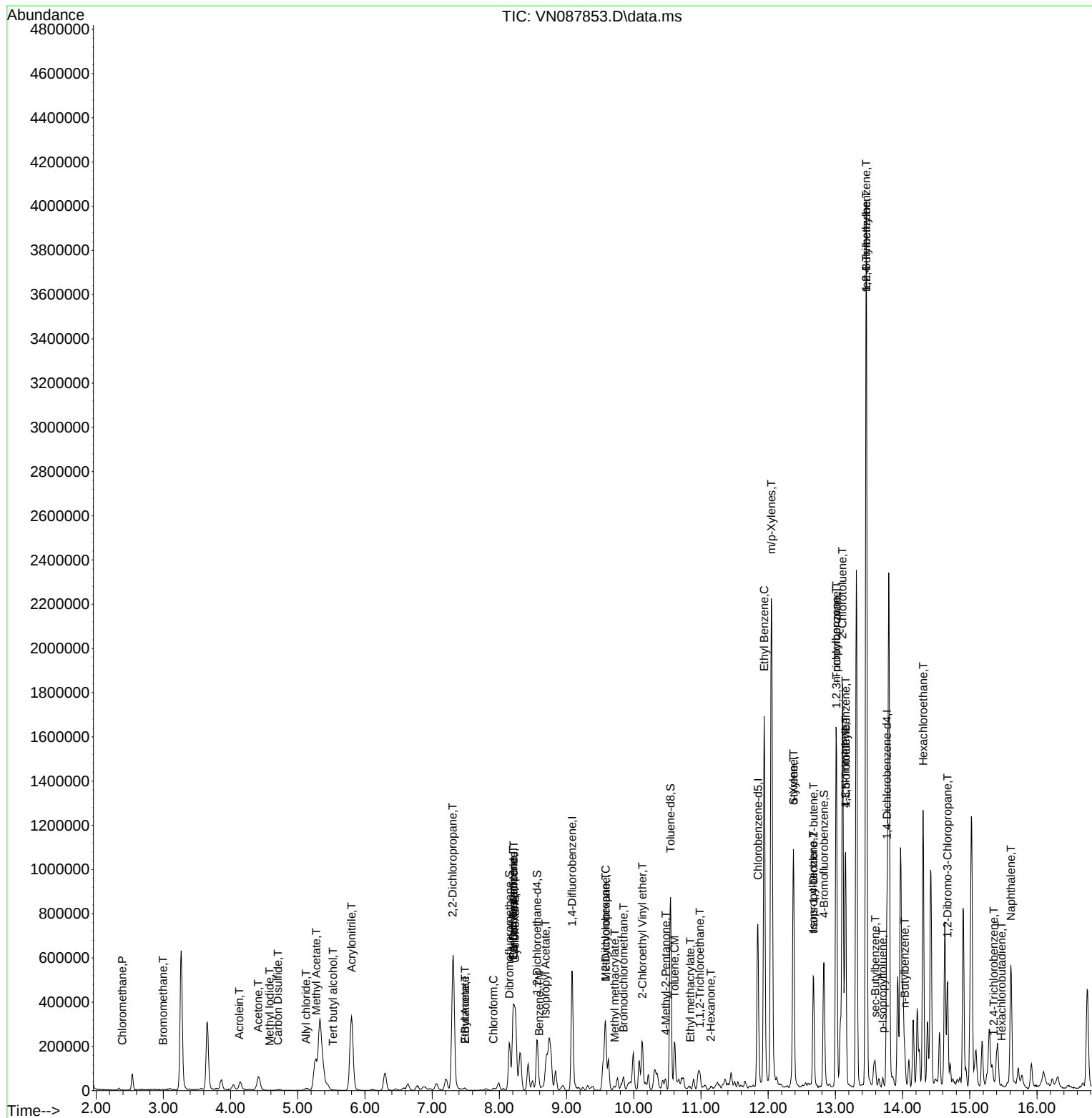
78) n-propylbenzene	13.012	91	1306539	61.166	ug/l	100
79) 2-Chlorotoluene	13.106	91	167906	13.062	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.153	105	599688	40.764	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.676	75	5159	2.714	ug/l #	50
82) 4-Chlorotoluene	13.153	91	73515	5.439	ug/l #	43
83) tert-Butylbenzene	13.459	119	277694	22.652	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.459	105	2248350	152.671	ug/l	99
85) sec-Butylbenzene	13.594	105	71233	3.916	ug/l #	69
86) p-Isopropyltoluene	13.706	119	20461	1.362	ug/l #	75
89) n-Butylbenzene	14.035	91	93135	6.243	ug/l #	78
90) Hexachloroethane	14.306	117	67726	23.664	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.670	75	3408	2.403	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.359	180	1308	0.285	ug/l #	1
94) Hexachlorobutadiene	15.476	225	656	0.401	ug/l #	45
95) Naphthalene	15.612	128	518619	31.919	ug/l	99

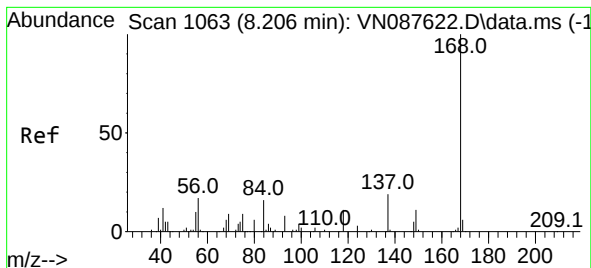
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
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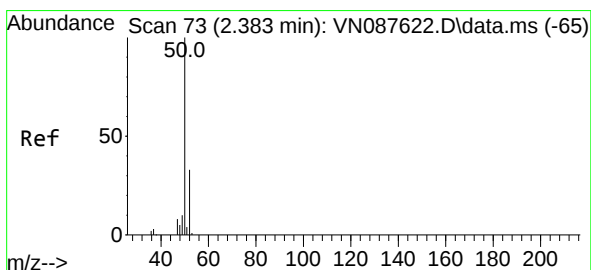
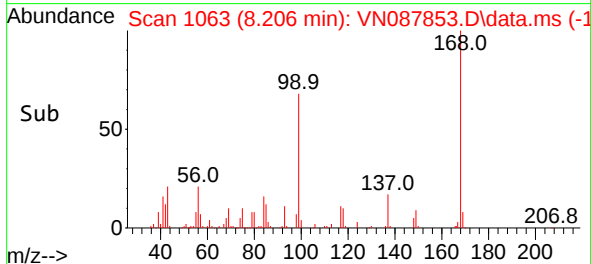
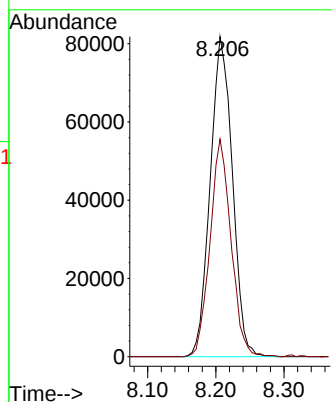
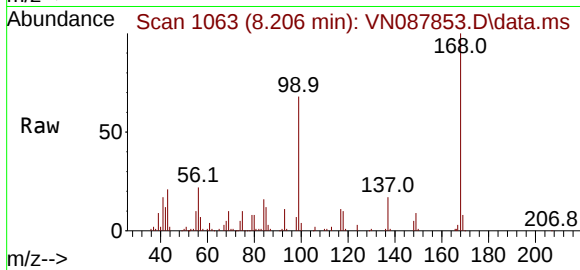




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

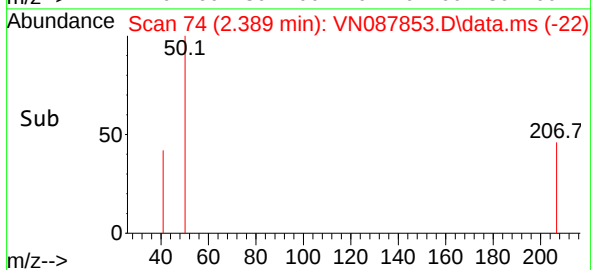
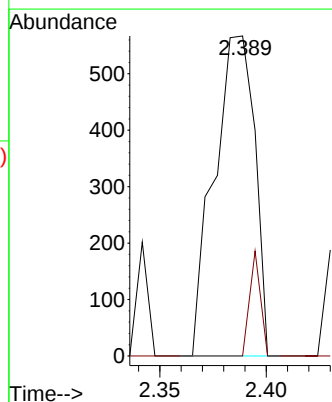
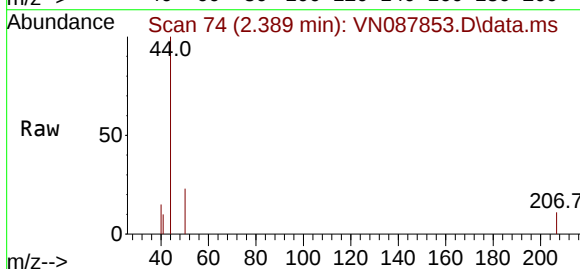
Instrument :
MSVOA_N
ClientSampleId :

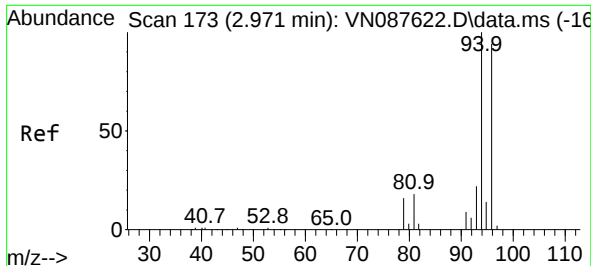
Tgt Ion:168 Resp: 185269
Ion Ratio Lower Upper
168 100
99 68.0 57.2 85.8



#3
Chloromethane
Concen: 0.278 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 50 Resp: 753
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.4#

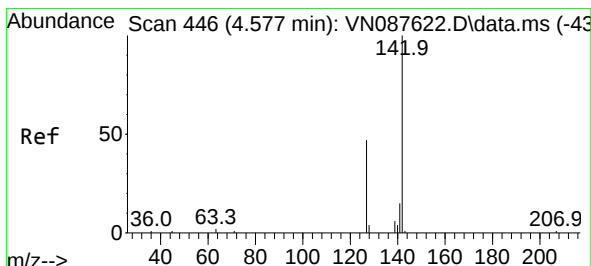
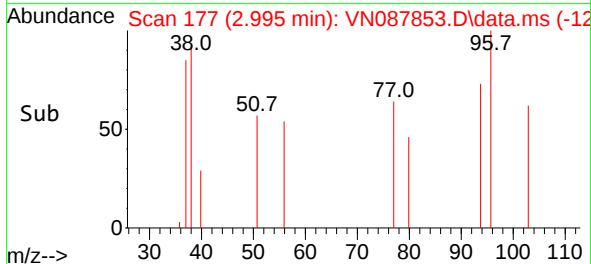
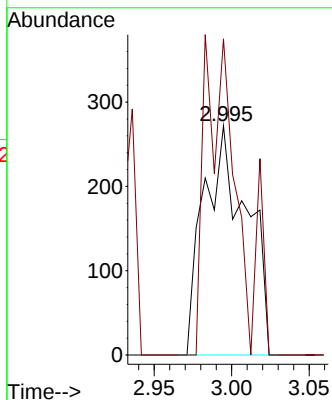
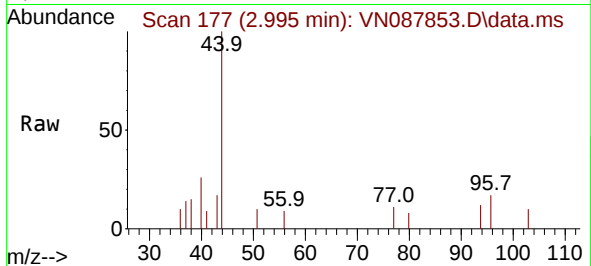




#5
Bromomethane
Concen: 0.324 ug/l
RT: 2.995 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

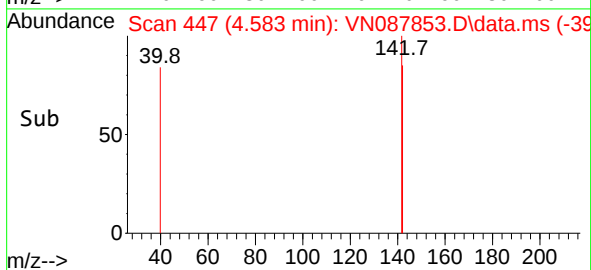
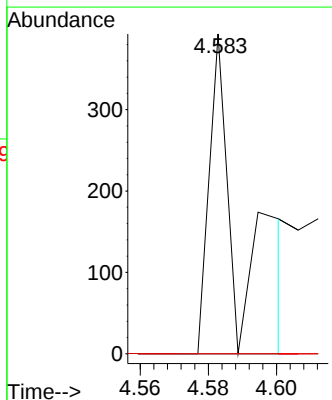
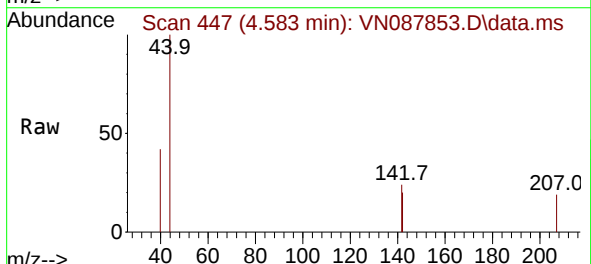
Instrument :
MSVOA_N
ClientSampleId :

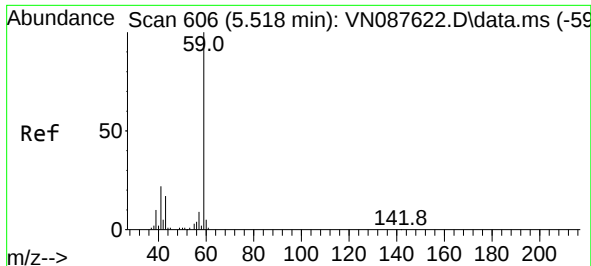
Tgt Ion: 94 Resp: 524
Ion Ratio Lower Upper
94 100
96 137.9 75.4 113.2#



#10
Methyl Iodide
Concen: 6.926 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

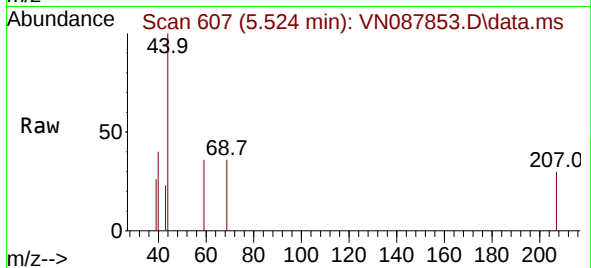
Tgt Ion:142 Resp: 259
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



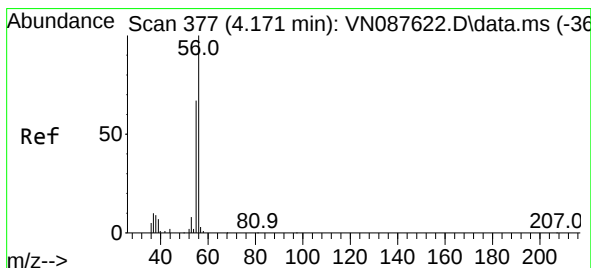
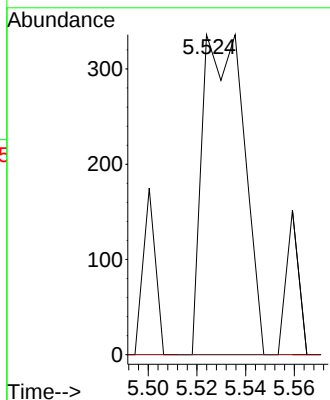
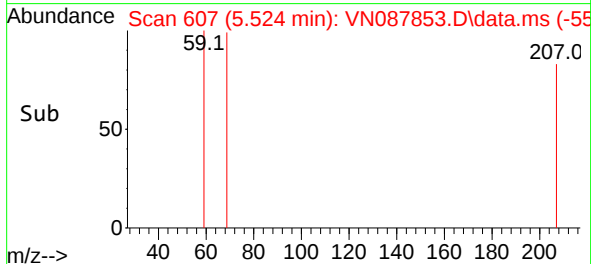


#11
Tert butyl alcohol
Concen: 0.601 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

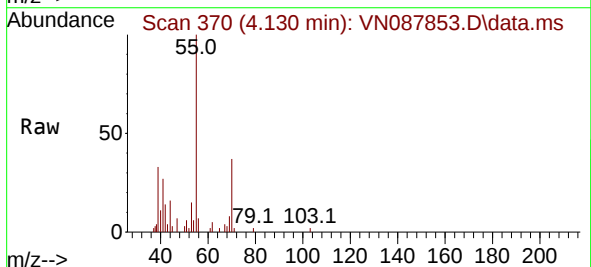
Instrument :
MSVOA_N
ClientSampleId :



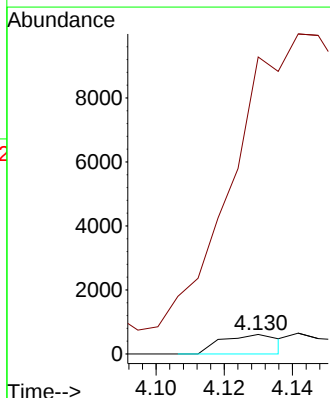
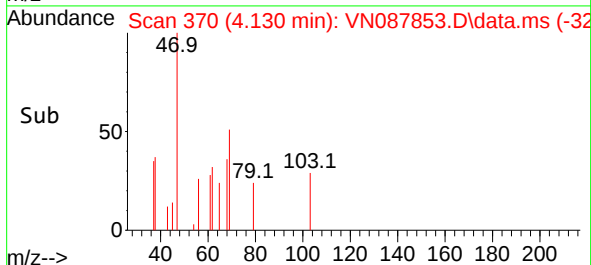
Tgt Ion: 59 Resp: 396
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

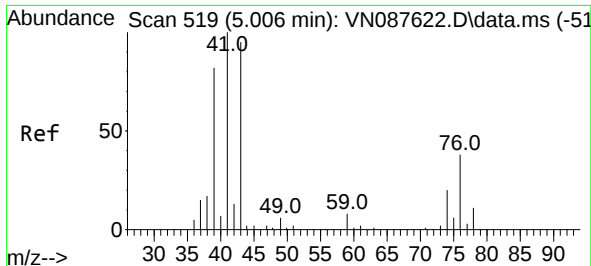


#13
Acrolein
Concen: 0.883 ug/l
RT: 4.130 min Scan# 370
Delta R.T. -0.041 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29



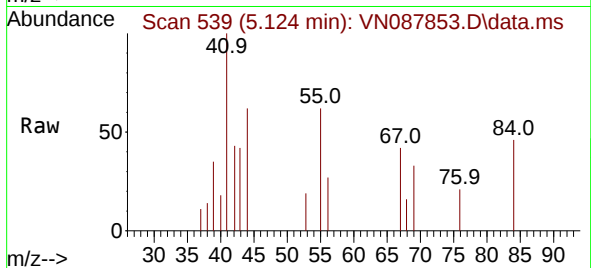
Tgt Ion: 56 Resp: 715
Ion Ratio Lower Upper
56 100
55 4431.9 57.3 85.9#



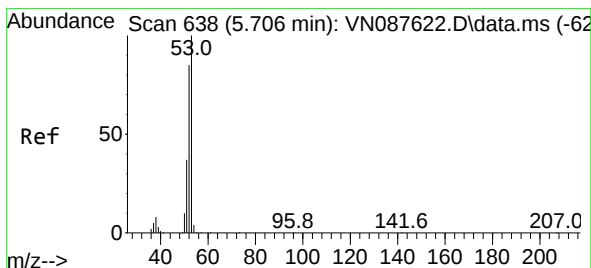
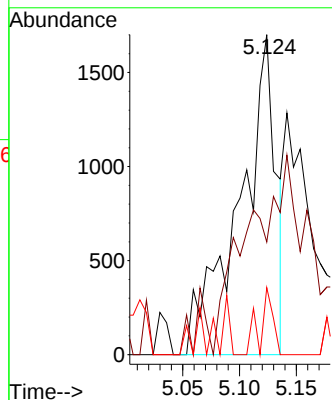
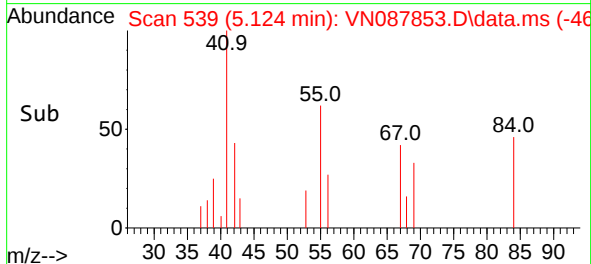


#14
 Allyl chloride
 Concen: 0.780 ug/l
 RT: 5.124 min Scan# 519
 Delta R.T. 0.118 min
 Lab File: VN087853.D
 Acq: 16 Sep 2025 16:29

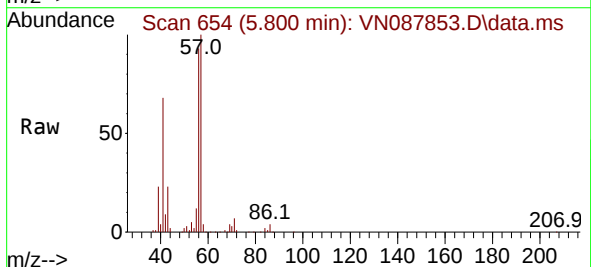
Instrument :
 MSVOA_N
 ClientSampleId :



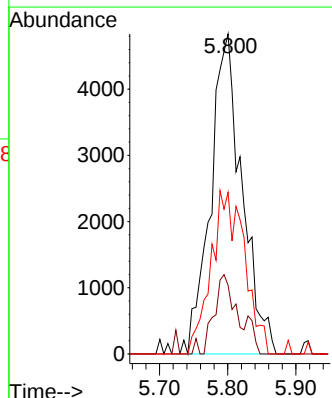
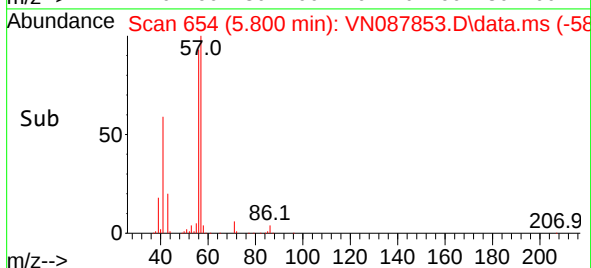
Tgt Ion: 41 Resp: 3777
 Ion Ratio Lower Upper
 41 100
 39 43.2 63.9 95.9#
 76 7.4 28.1 42.1#

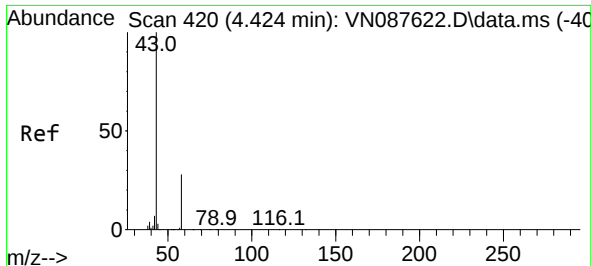


#15
 Acrylonitrile
 Concen: 8.368 ug/l
 RT: 5.800 min Scan# 654
 Delta R.T. 0.094 min
 Lab File: VN087853.D
 Acq: 16 Sep 2025 16:29



Tgt Ion: 53 Resp: 15552
 Ion Ratio Lower Upper
 53 100
 52 16.2 67.6 101.4#
 51 33.5 30.1 45.1

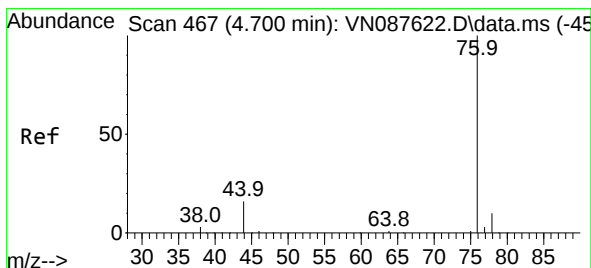
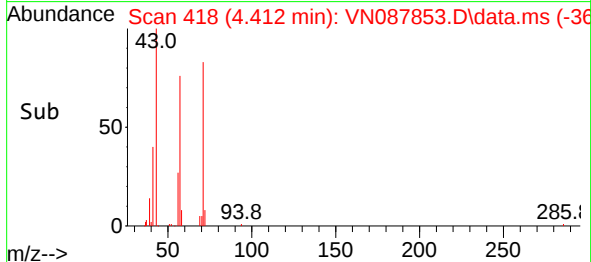
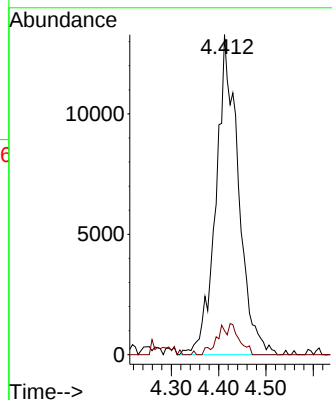
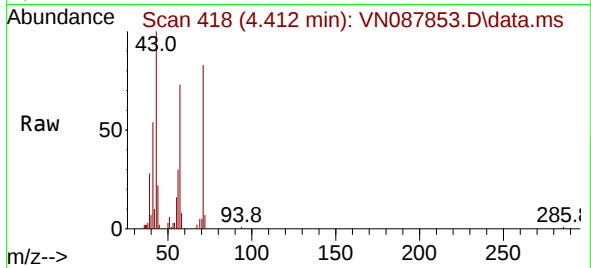




#16
Acetone
Concen: 21.252 ug/l
RT: 4.412 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

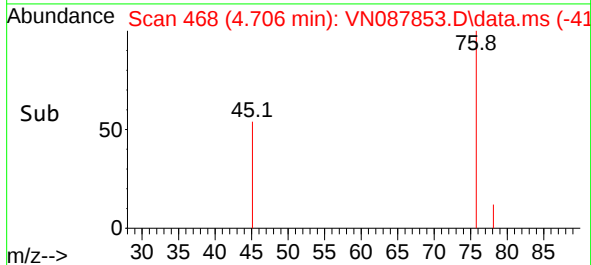
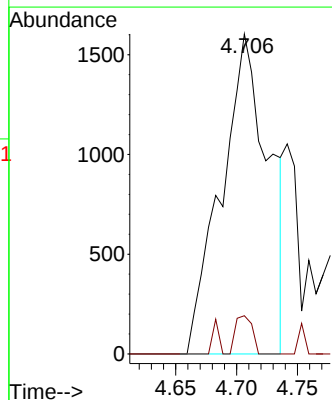
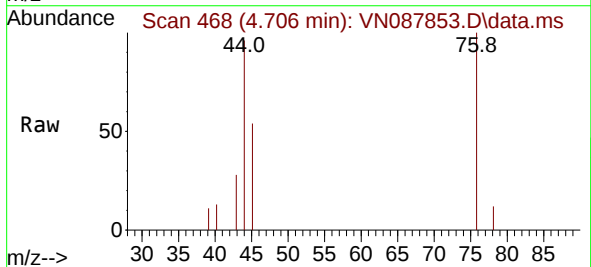
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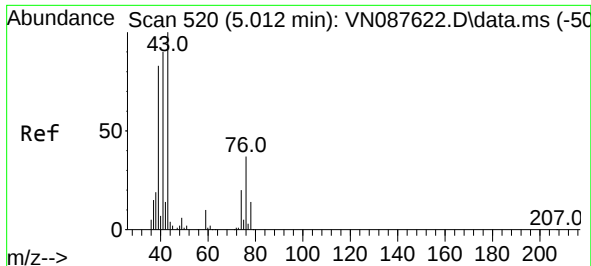
Tgt Ion: 43 Resp: 43915
Ion Ratio Lower Upper
43 100
58 7.5 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.587 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 76 Resp: 4313
Ion Ratio Lower Upper
76 100
78 12.0 7.6 11.4#

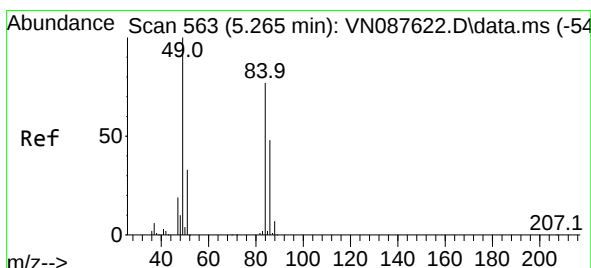
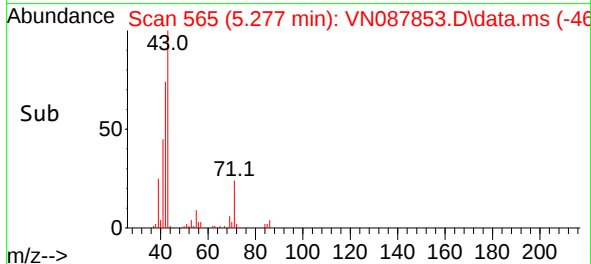
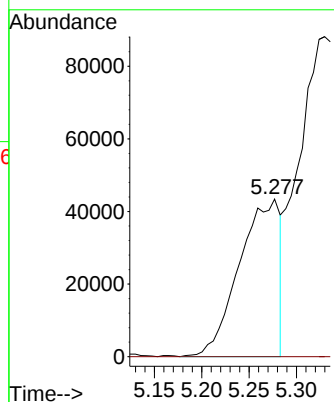
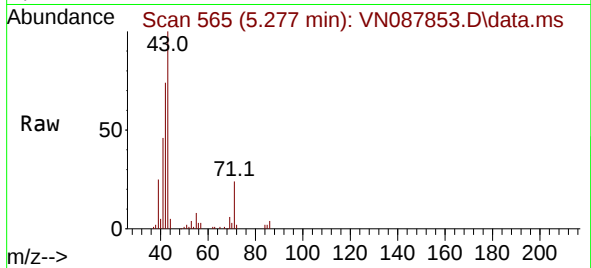




#18
Methyl Acetate
Concen: 30.036 ug/l
RT: 5.277 min Scan# 511
Delta R.T. 0.265 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

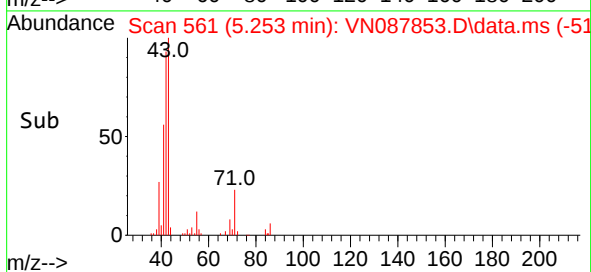
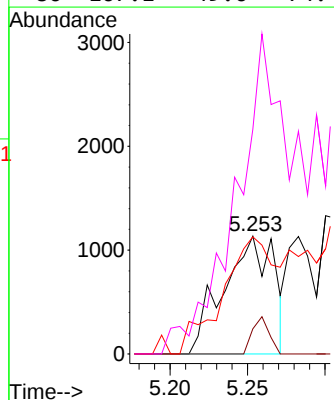
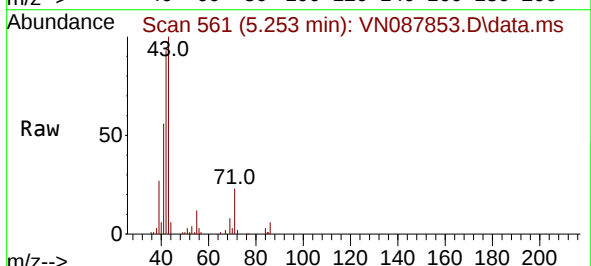
Instrument :
MSVOA_N
ClientSampleId :

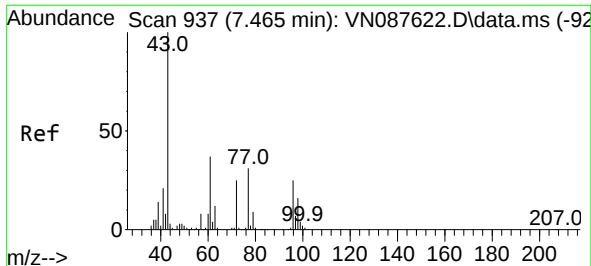
Tgt Ion: 43 Resp: 129956
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.253 min Scan# 561
Delta R.T. -0.012 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

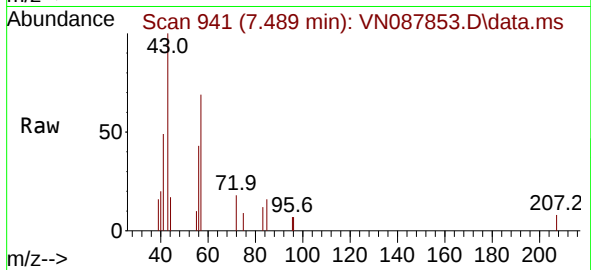
Tgt Ion: 84 Resp: 2549
Ion Ratio Lower Upper
84 100
49 21.4 103.4 155.2#
51 99.4 33.8 50.8#
86 167.1 49.6 74.4#



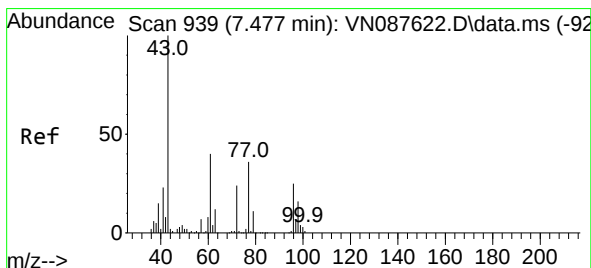
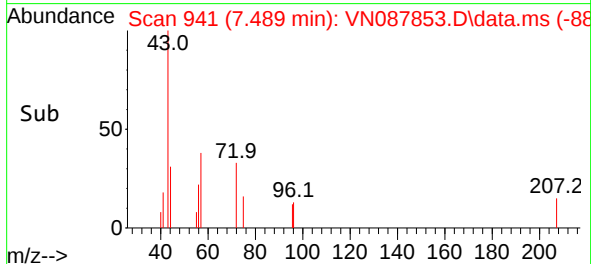
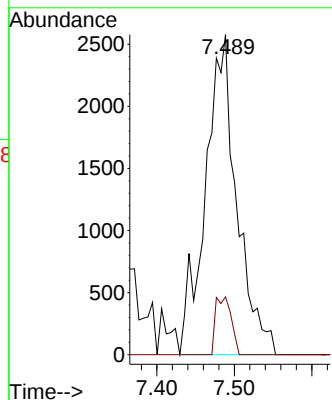


#25
2-Butanone
Concen: 2.669 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.023 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Instrument :
MSVOA_N
ClientSampleId :

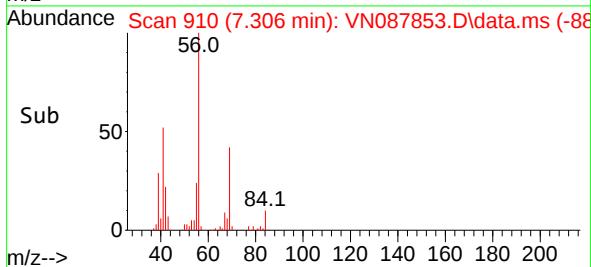
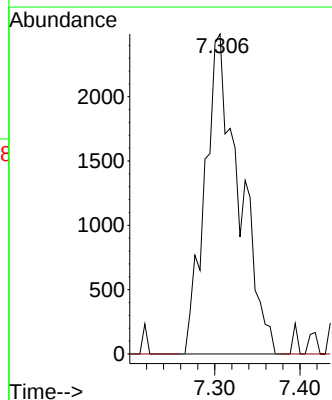
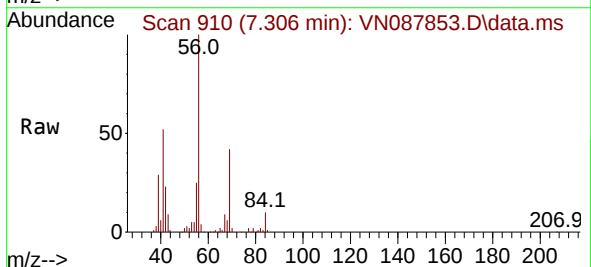


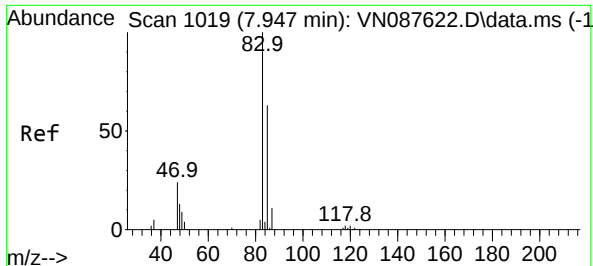
Tgt Ion: 43 Resp: 7257
Ion Ratio Lower Upper
43 100
72 18.0 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 1.407 ug/l
RT: 7.306 min Scan# 910
Delta R.T. -0.171 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 77 Resp: 6917
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.7#





#30

Chloroform

Concen: 0.531 ug/l

RT: 7.912 min Scan# 1013

Delta R.T. -0.035 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

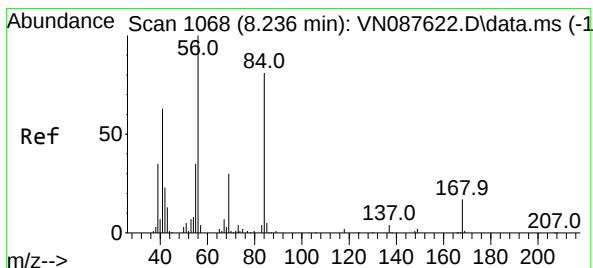
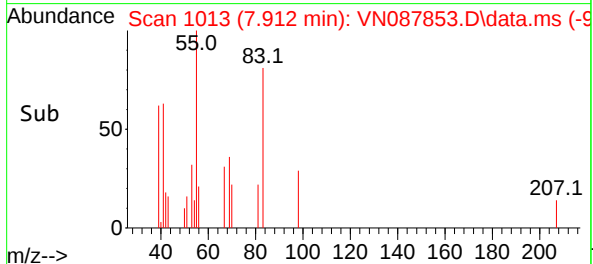
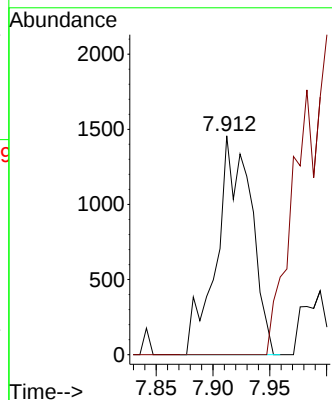
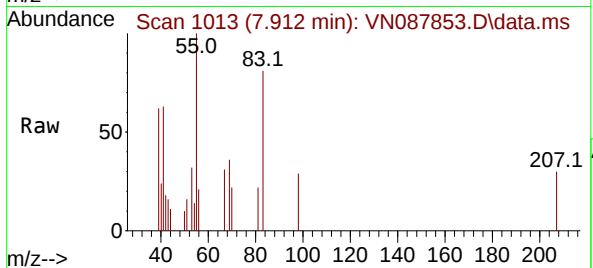
ClientSampleId :

Tgt Ion: 83 Resp: 3102

Ion Ratio Lower Upper

83 100

85 0.0 50.7 76.1#



#31

Cyclohexane

Concen: 38.565 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

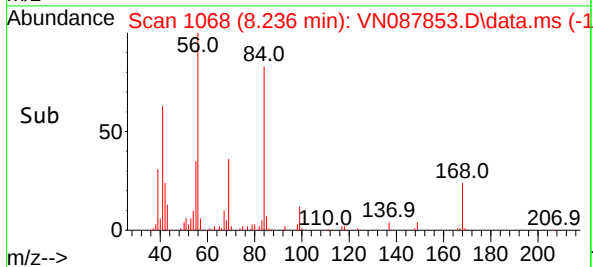
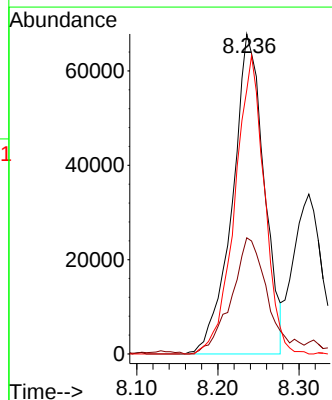
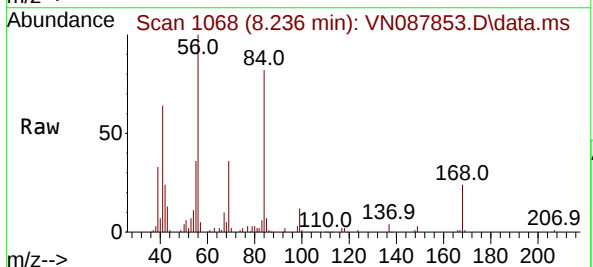
Tgt Ion: 56 Resp: 184130

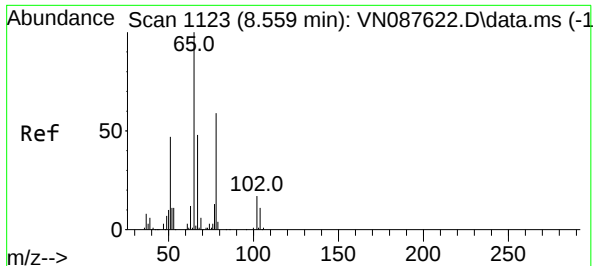
Ion Ratio Lower Upper

56 100

69 35.7 23.7 35.5#

84 82.4 64.7 97.1





#33

1,2-Dichloroethane-d4

Concen: 48.241 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

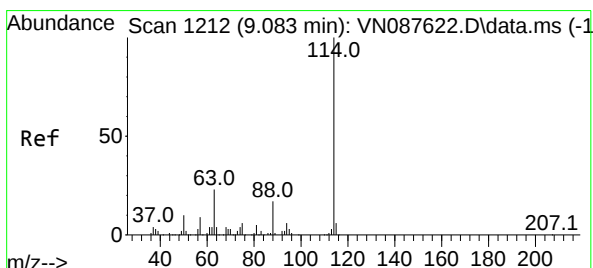
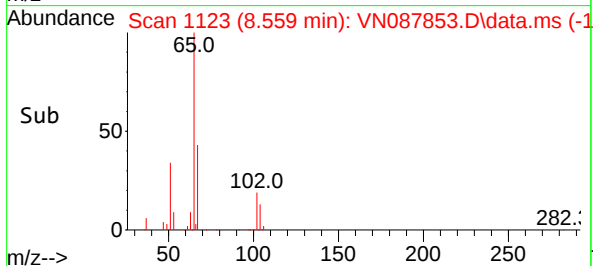
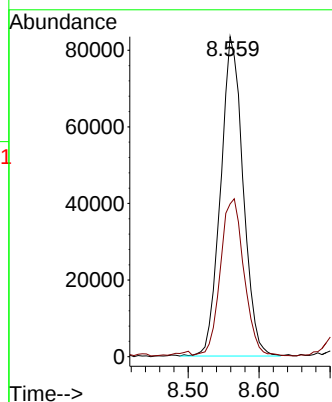
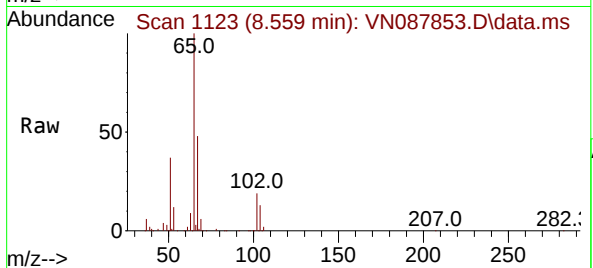
ClientSampleId :

Tgt Ion: 65 Resp: 183121

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

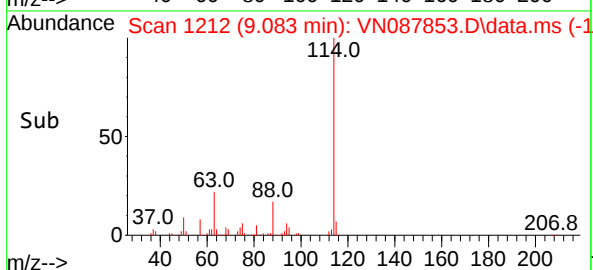
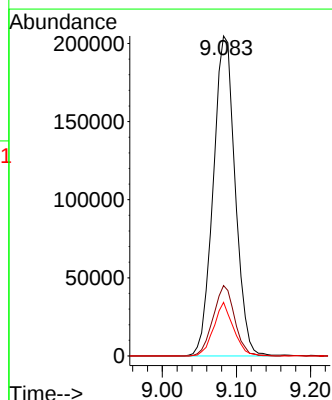
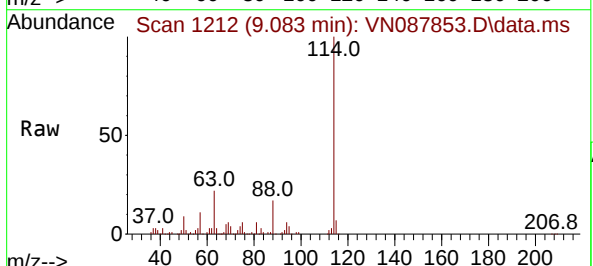
Tgt Ion: 114 Resp: 420719

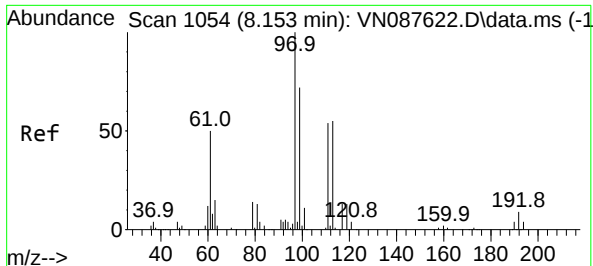
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.2

88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.523 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

ClientSampleId :

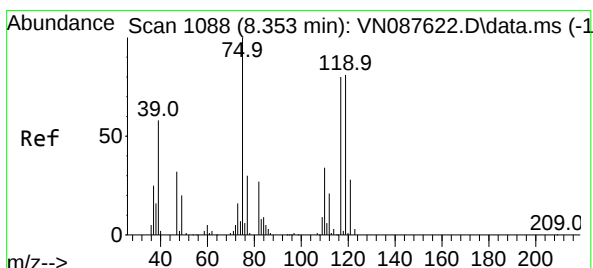
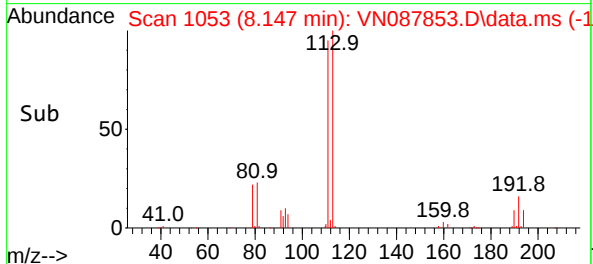
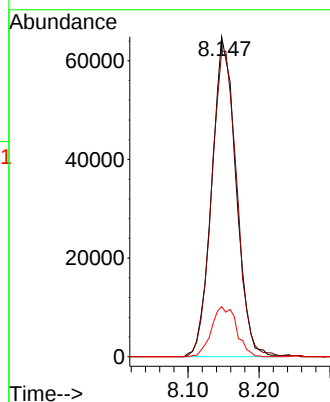
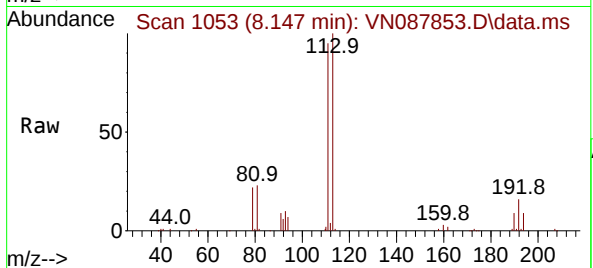
Tgt Ion:113 Resp: 153469

Ion Ratio Lower Upper

113 100

111 99.6 82.8 124.2

192 16.3 12.8 19.2



#36

1,1-Dichloropropene

Concen: 3.737 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

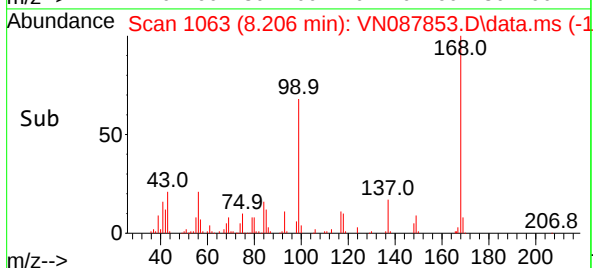
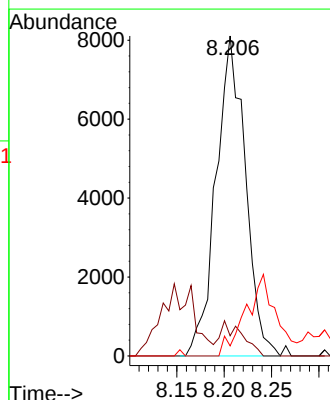
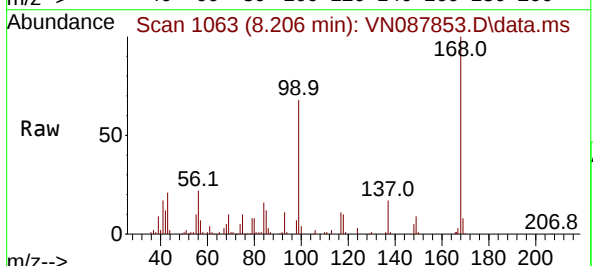
Tgt Ion: 75 Resp: 17415

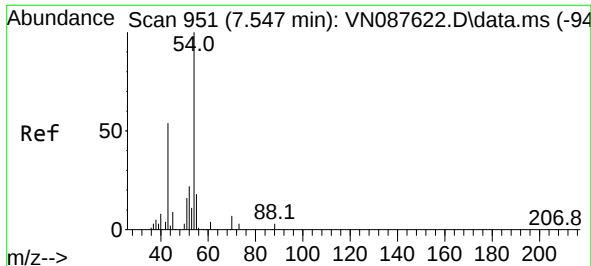
Ion Ratio Lower Upper

75 100

110 8.2 15.9 47.6#

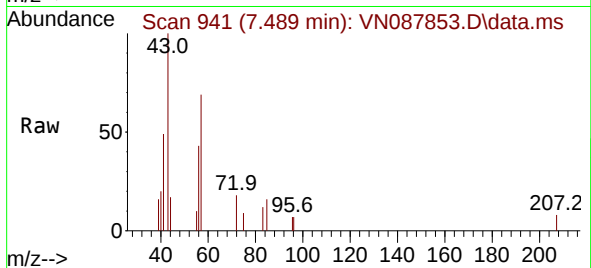
77 0.0 24.4 36.6#



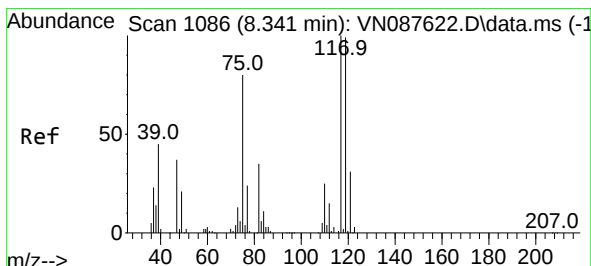
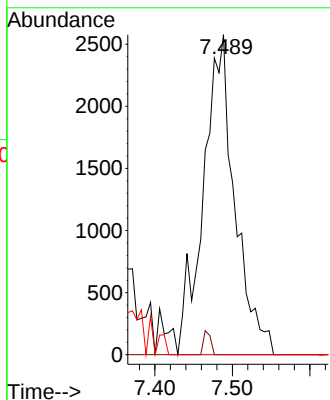
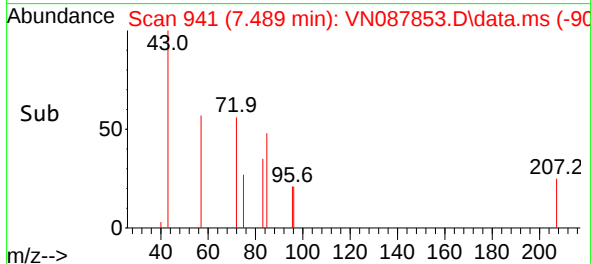


#37
Ethyl Acetate
Concen: 1.140 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.059 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Instrument :
MSVOA_N
ClientSampleId :

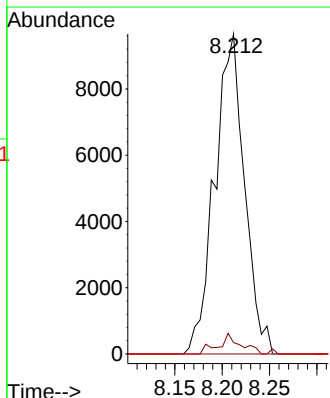
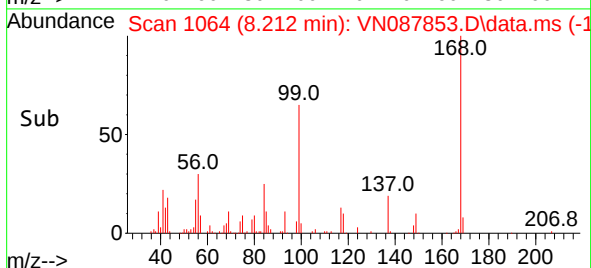
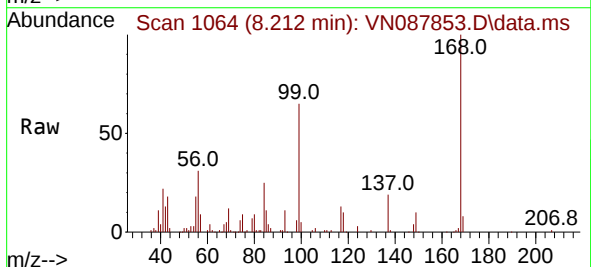


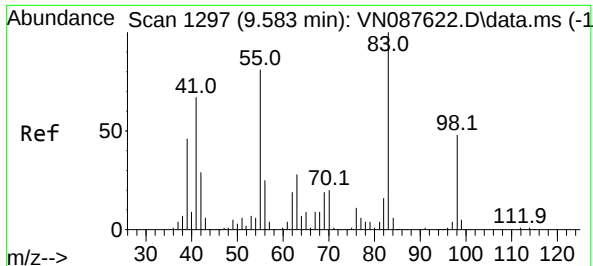
Tgt Ion: 43 Resp: 7257
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 4.580 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.129 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 117 Resp: 21074
Ion Ratio Lower Upper
117 100
119 3.6 79.0 118.6#
121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 20.135 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

ClientSampleId :

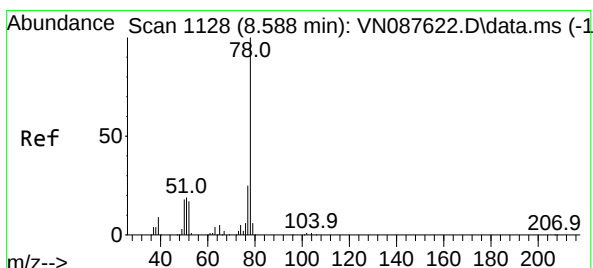
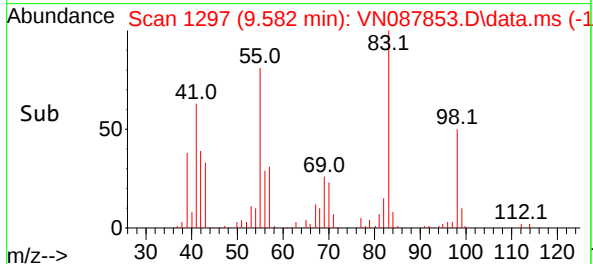
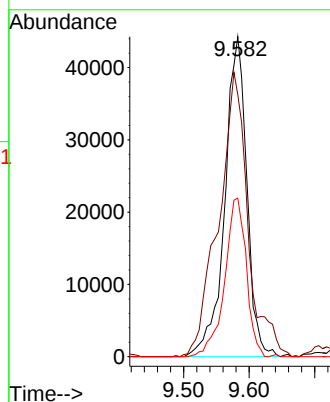
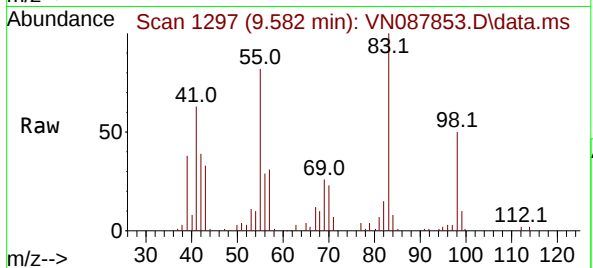
Tgt Ion: 83 Resp: 103304

Ion Ratio Lower Upper

83 100

55 81.9 64.6 96.8

98 49.6 38.4 57.6



#40

Benzene

Concen: 0.903 ug/l

RT: 8.594 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN087853.D

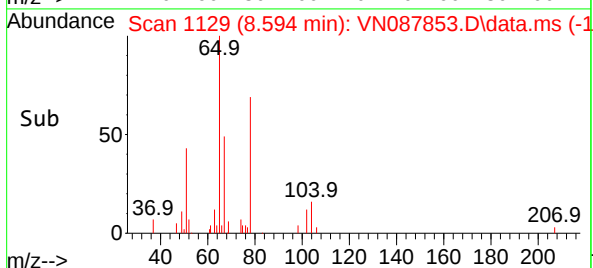
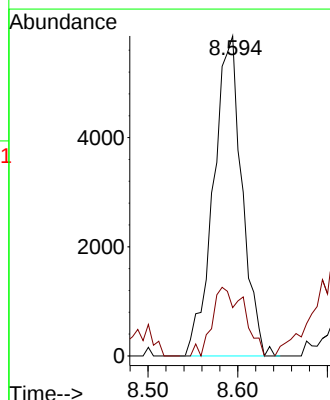
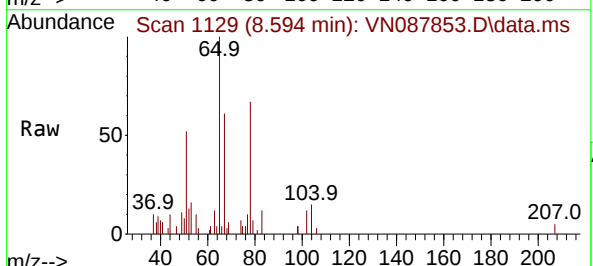
Acq: 16 Sep 2025 16:29

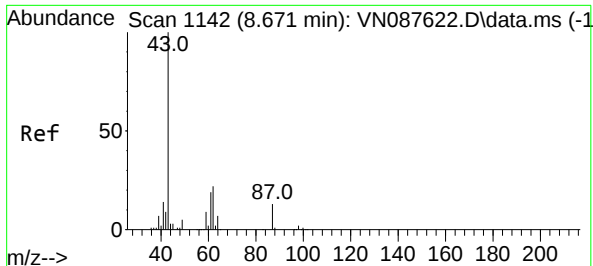
Tgt Ion: 78 Resp: 12906

Ion Ratio Lower Upper

78 100

77 15.1 19.7 29.5#





#43

Isopropyl Acetate

Concen: 3.217 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

ClientSampleId :

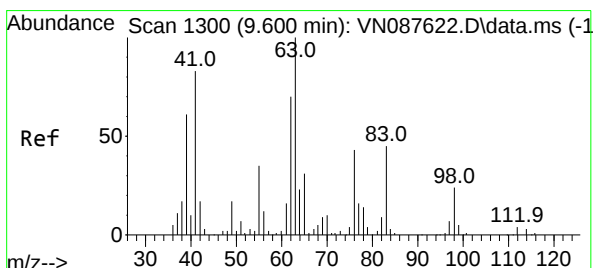
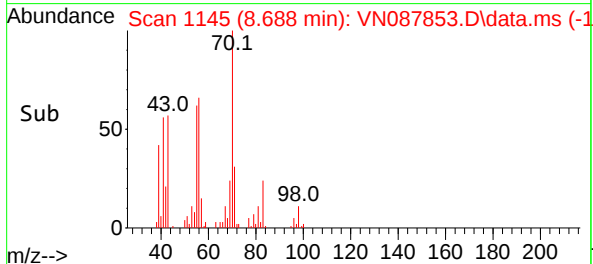
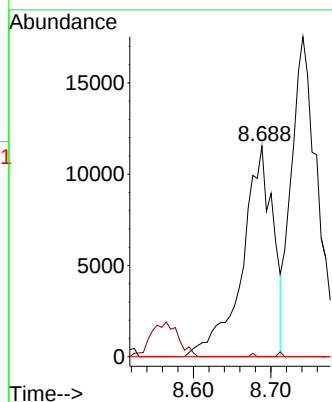
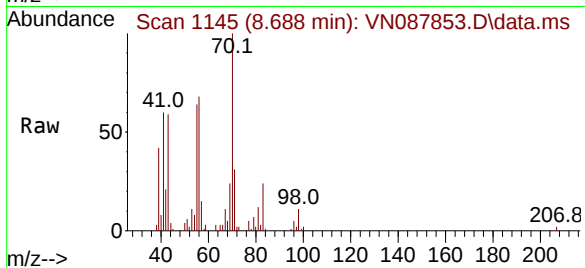
Tgt Ion: 43 Resp: 31985

Ion Ratio Lower Upper

43 100

61 0.0 18.8 28.2#

87 0.0 9.6 14.4#



#45

1,2-Dichloropropane

Concen: 0.617 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.018 min

Lab File: VN087853.D

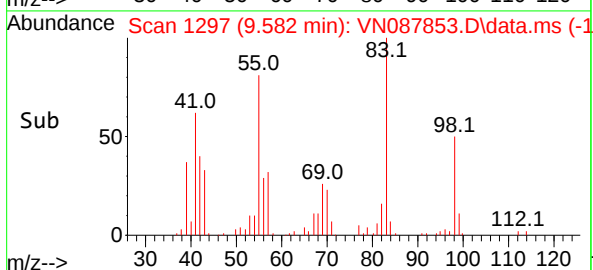
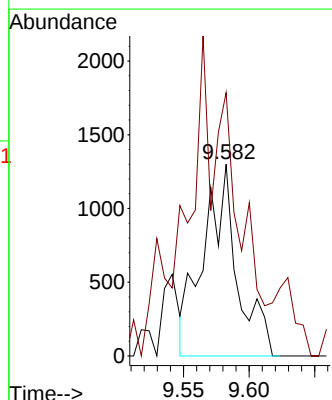
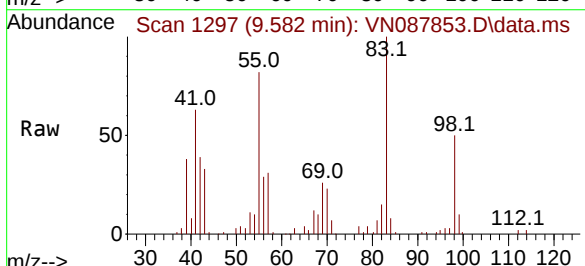
Acq: 16 Sep 2025 16:29

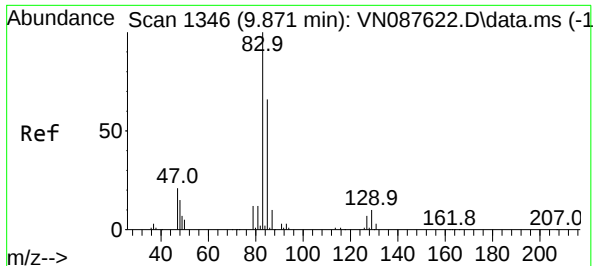
Tgt Ion: 63 Resp: 2325

Ion Ratio Lower Upper

63 100

65 101.8 25.0 37.4#





#47

Bromodichloromethane

Concen: 0.875 ug/l

RT: 9.847 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN087853.D

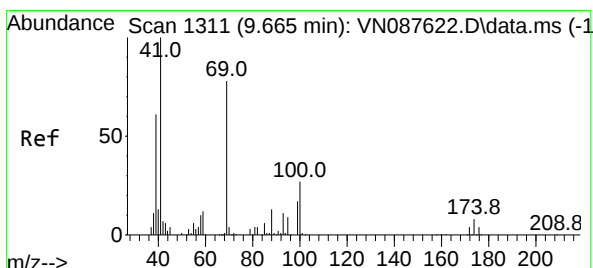
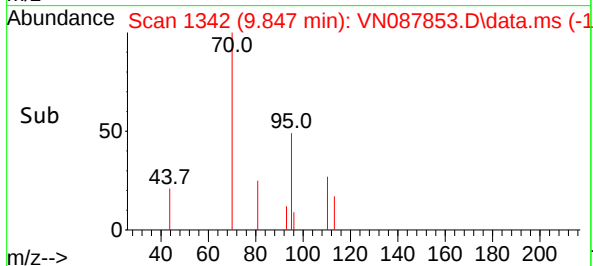
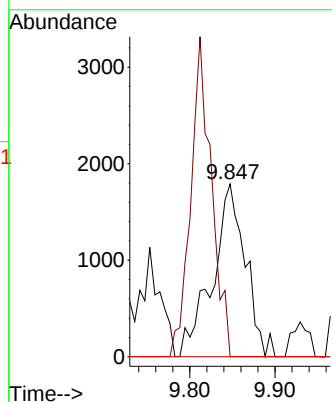
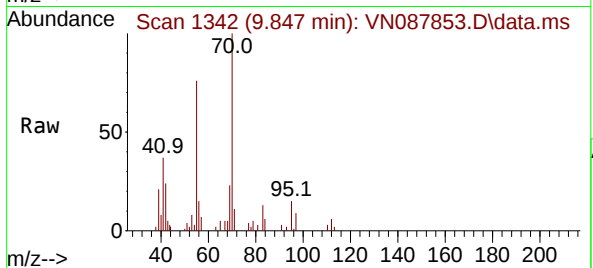
Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 4809
Ion Ratio	Lower Upper
83	100
85	0.0 52.5 78.7#
127	0.0 5.8 8.6#



#48

Methyl methacrylate

Concen: 0.934 ug/l

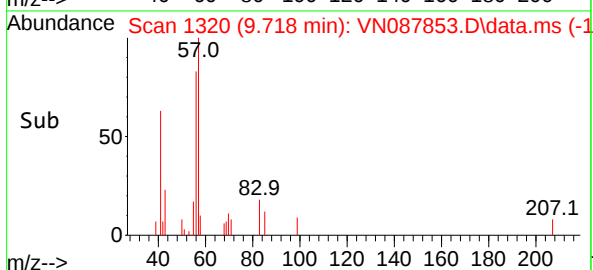
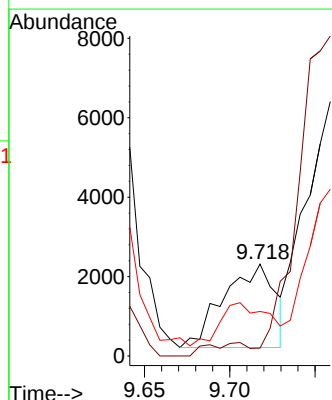
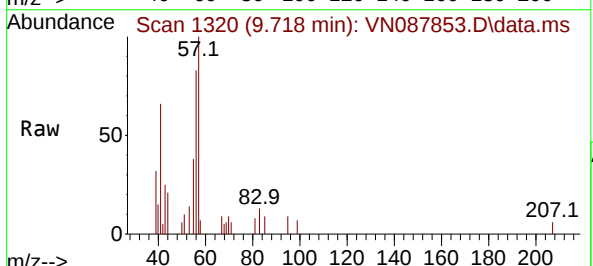
RT: 9.718 min Scan# 1320

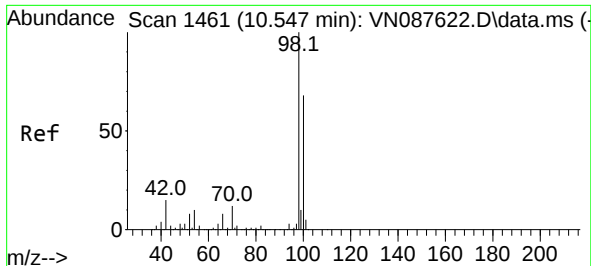
Delta R.T. 0.053 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Tgt Ion: 41	Resp: 4390
Ion Ratio	Lower Upper
41	100
69	0.0 62.7 94.1#
39	48.5 52.9 79.3#

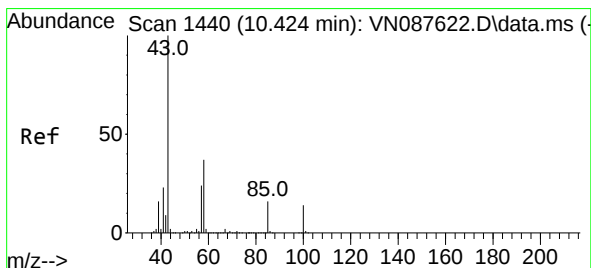
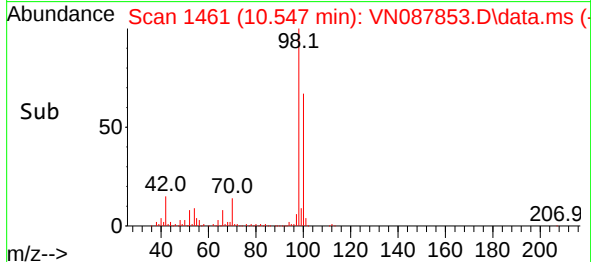
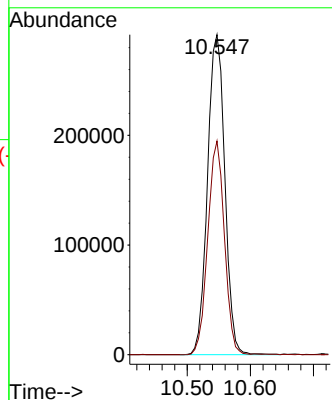
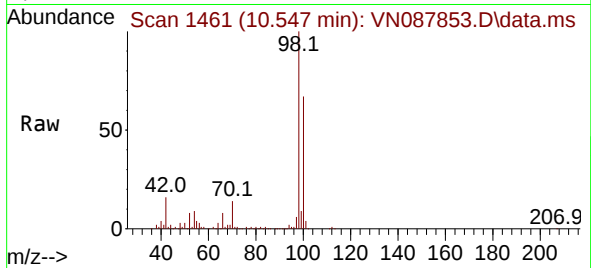




#50
Toluene-d8
Concen: 48.888 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

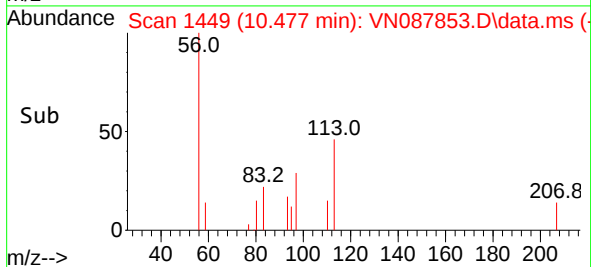
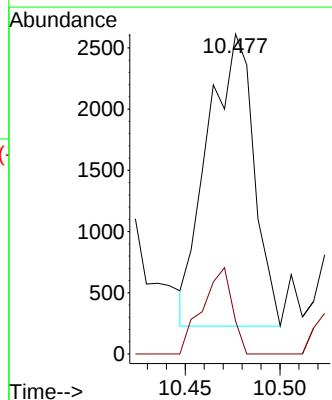
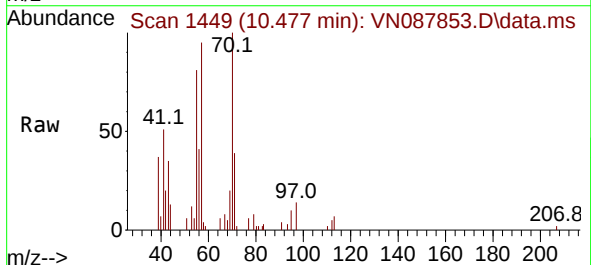
Instrument :
MSVOA_N
ClientSampleId :

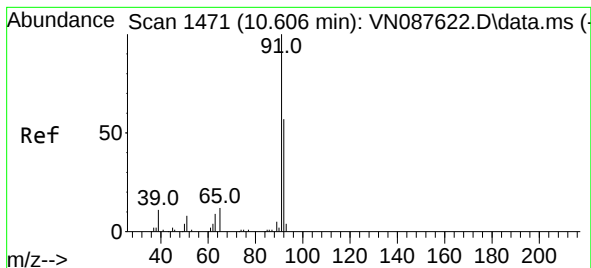
Tgt Ion: 98 Resp: 555814
Ion Ratio Lower Upper
98 100
100 64.2 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.675 ug/l
RT: 10.477 min Scan# 1449
Delta R.T. 0.053 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 43 Resp: 4049
Ion Ratio Lower Upper
43 100
58 19.1 29.6 44.4#





#52

Toluene

Concen: 10.120 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

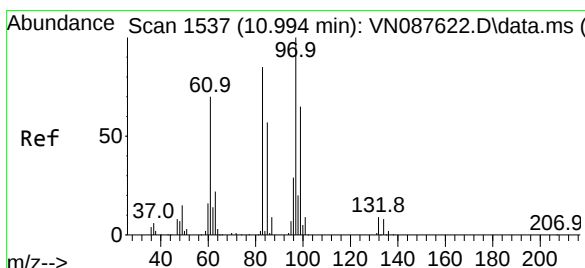
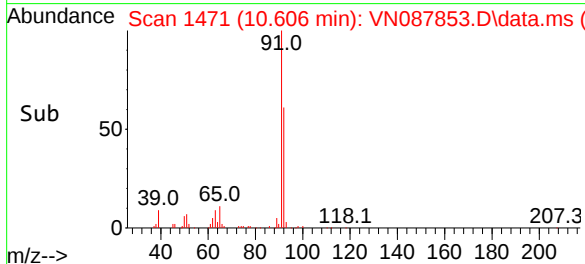
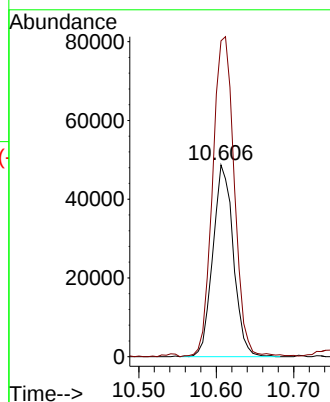
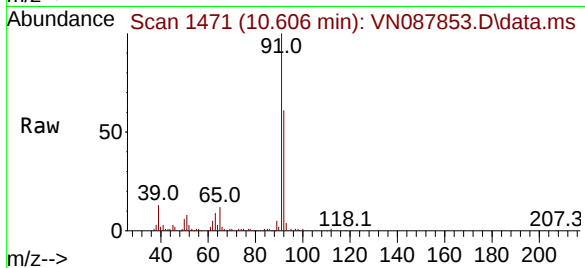
ClientSampleId :

Tgt Ion: 92 Resp: 89671

Ion Ratio Lower Upper

92 100

91 177.1 140.4 210.6



#55

1,1,2-Trichloroethane

Concen: 6.163 ug/l

RT: 10.982 min Scan# 1535

Delta R.T. -0.012 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Tgt Ion: 97 Resp: 21125

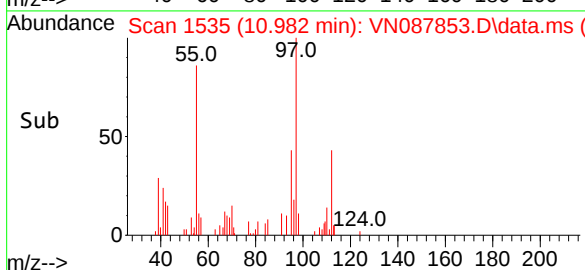
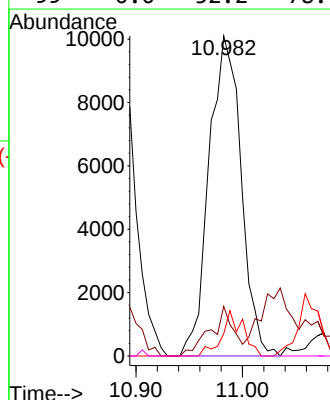
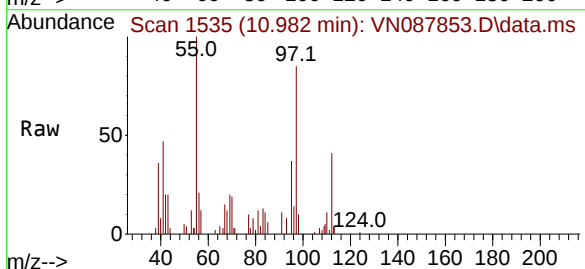
Ion Ratio Lower Upper

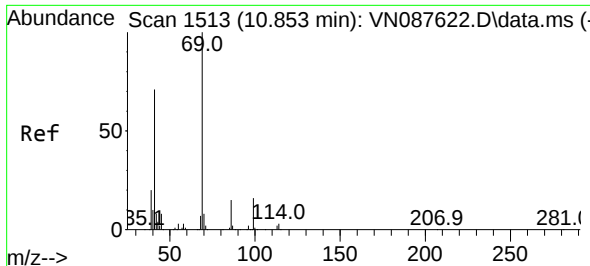
97 100

83 15.5 68.2 102.4#

85 7.0 45.5 68.3#

99 0.0 52.2 78.4#

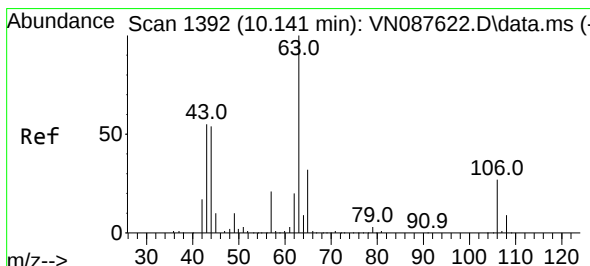
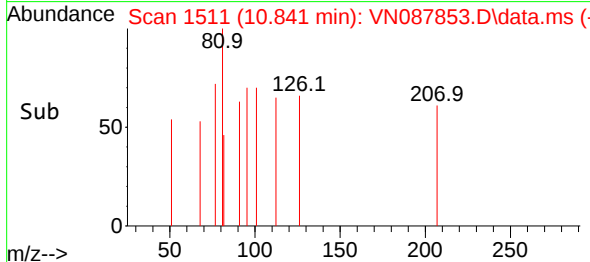
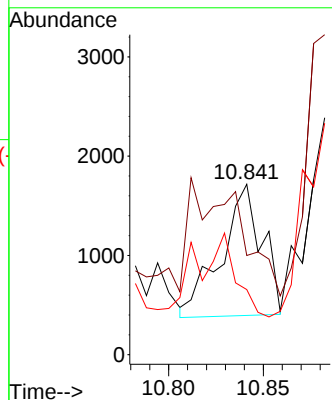
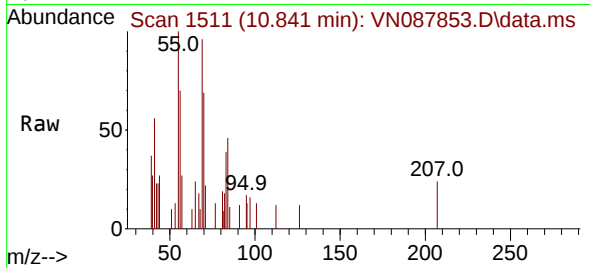




#56
Ethyl methacrylate
Concen: 0.361 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.012 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

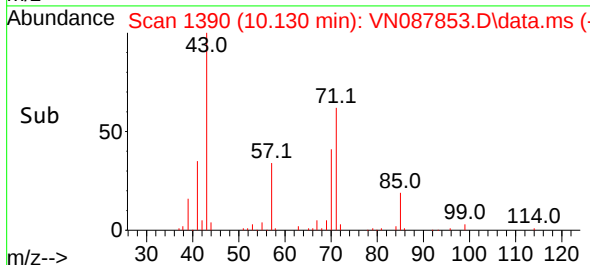
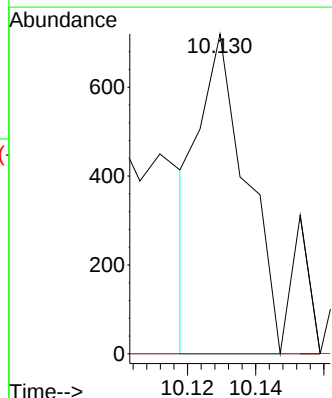
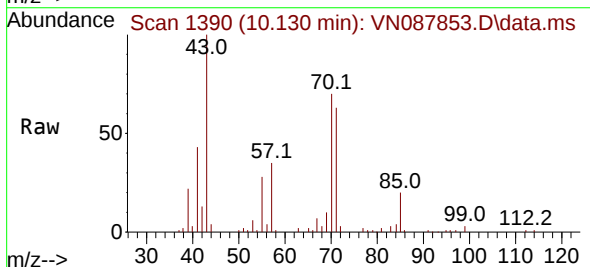
Instrument :
MSVOA_N
ClientSampleId :

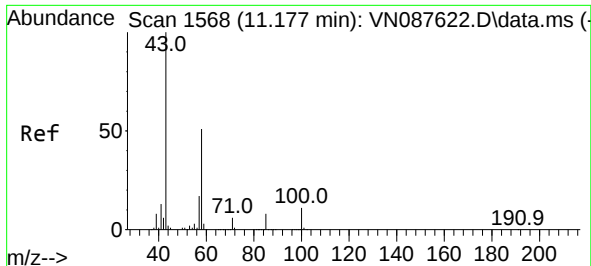
Tgt Ion: 69 Resp: 1979
Ion Ratio Lower Upper
69 100
41 0.0 56.5 84.7#
39 63.1 34.2 51.4#



#58
2-Chloroethyl Vinyl ether
Concen: 0.236 ug/l
RT: 10.130 min Scan# 1390
Delta R.T. -0.012 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 63 Resp: 700
Ion Ratio Lower Upper
63 100
106 0.0 21.1 31.7#

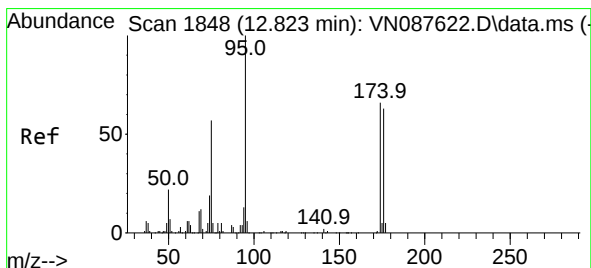
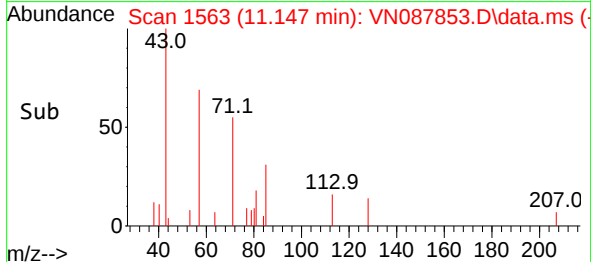
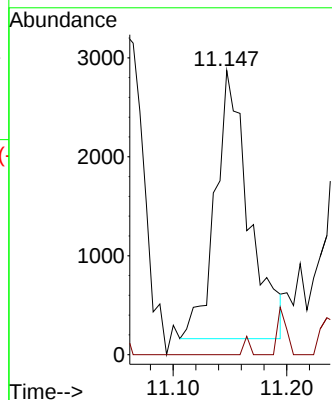
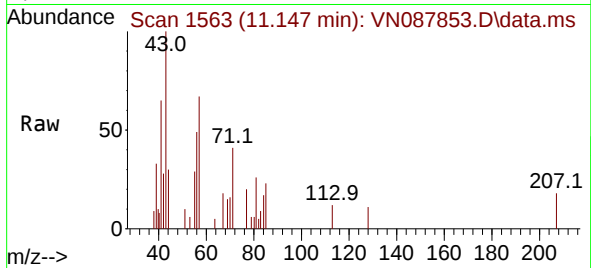




#59
2-Hexanone
Concen: 1.470 ug/l
RT: 11.147 min Scan# 111
Delta R.T. -0.029 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

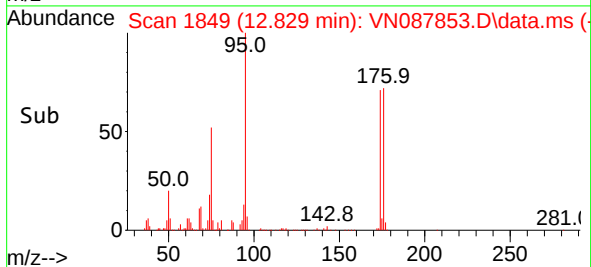
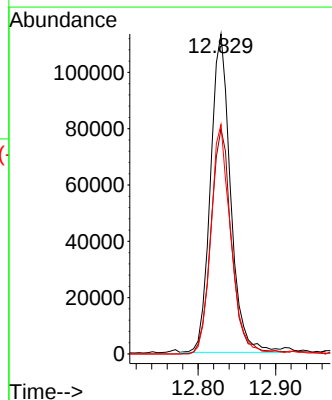
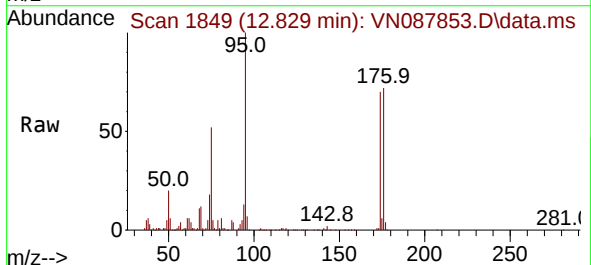
Instrument :
MSVOA_N
ClientSampleId :

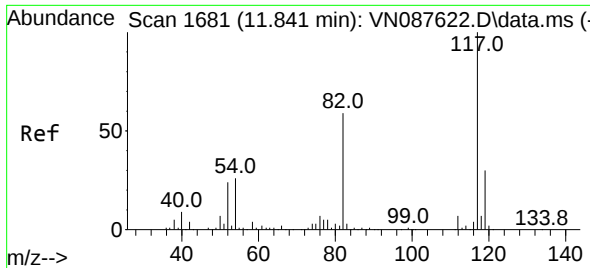
Tgt Ion: 43 Resp: 5573
Ion Ratio Lower Upper
43 100
58 1.2 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 50.174 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

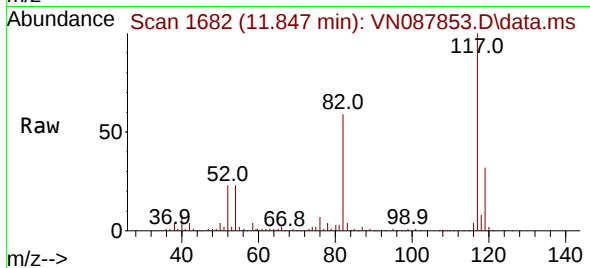
Tgt Ion: 95 Resp: 202863
Ion Ratio Lower Upper
95 100
174 73.1 0.0 138.4
176 71.3 0.0 132.6



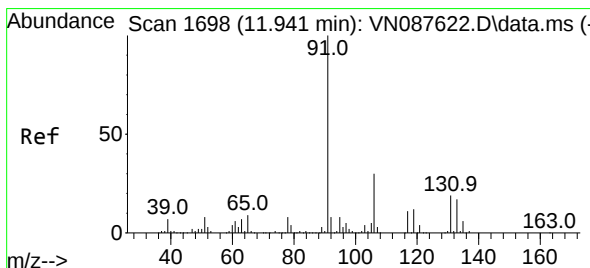
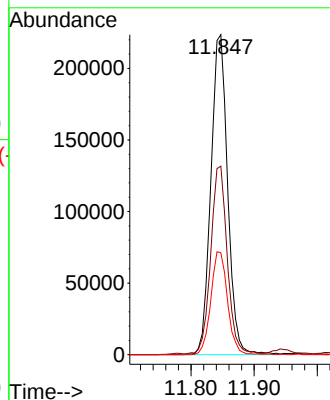
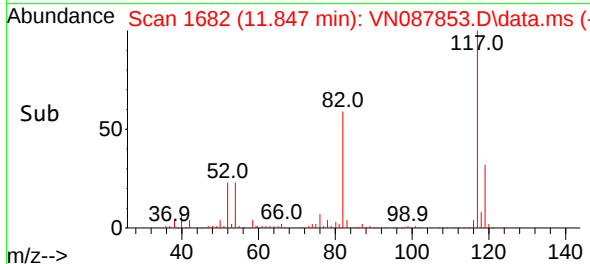


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Instrument :
MSVOA_N
ClientSampleId :

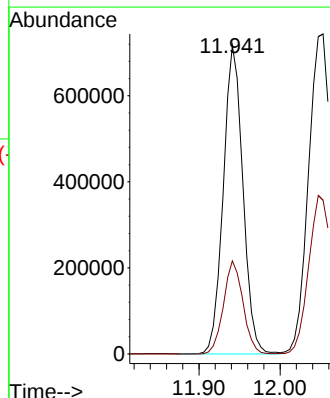
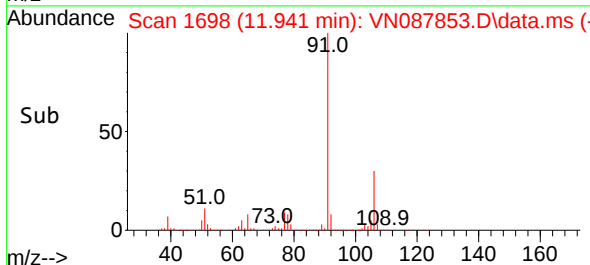
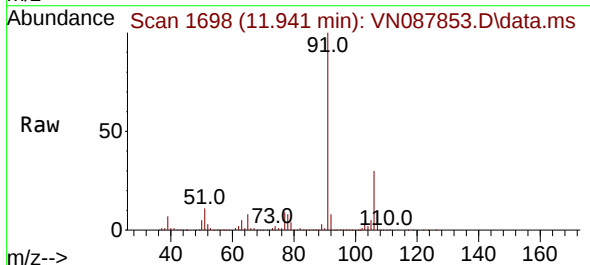


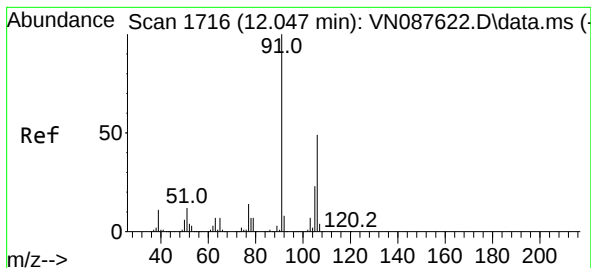
Tgt Ion:117 Resp: 413257
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.9 24.3 36.5



#67
Ethyl Benzene
Concen: 67.735 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 91 Resp: 1205763
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1

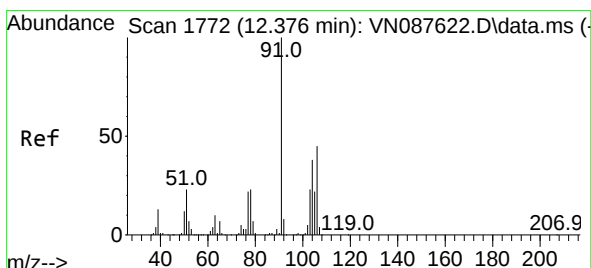
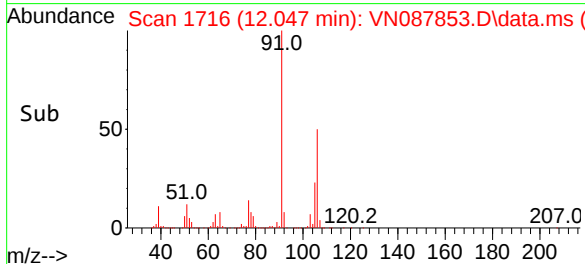
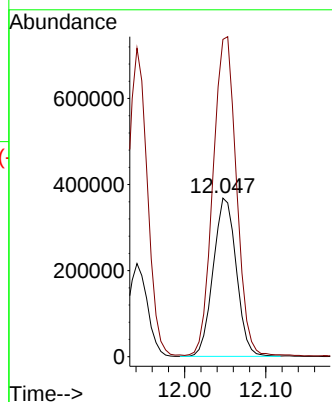
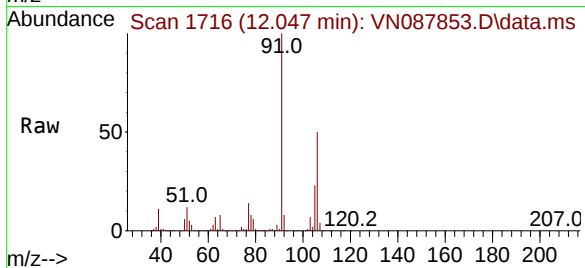




#68
m/p-Xylenes
Concen: 111.268 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

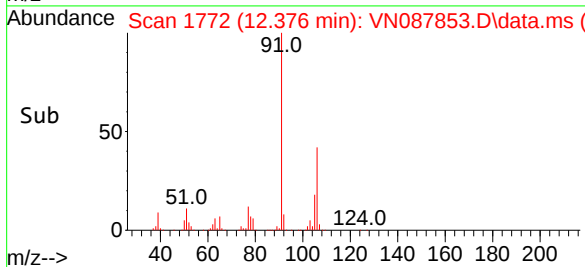
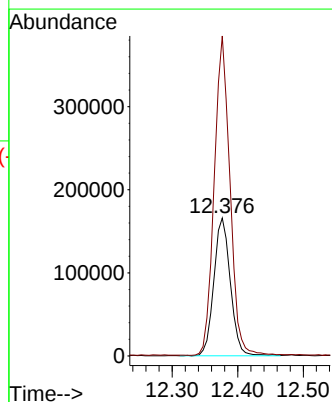
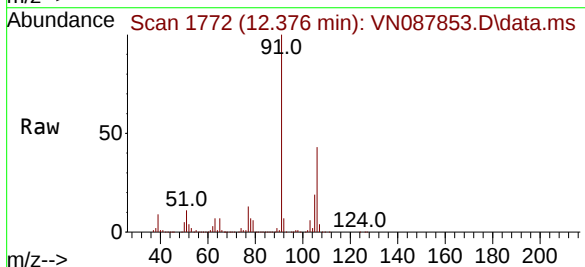
Instrument :
MSVOA_N
ClientSampleId :

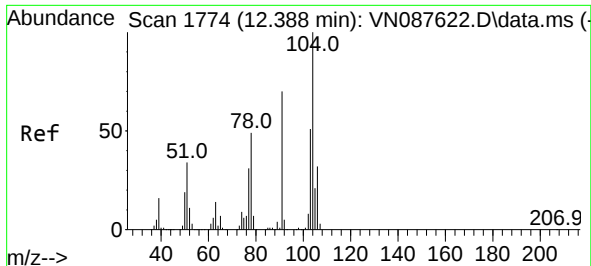
Tgt Ion:106 Resp: 726410
Ion Ratio Lower Upper
106 100
91 205.8 169.3 253.9



#69
o-Xylene
Concen: 45.220 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:106 Resp: 289309
Ion Ratio Lower Upper
106 100
91 222.4 111.4 334.2

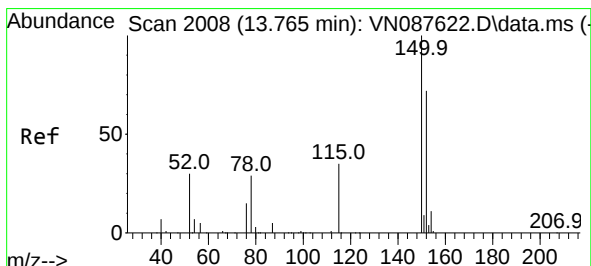
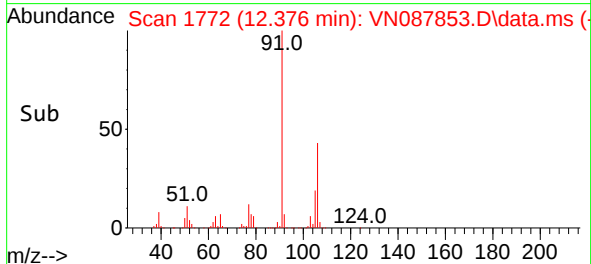
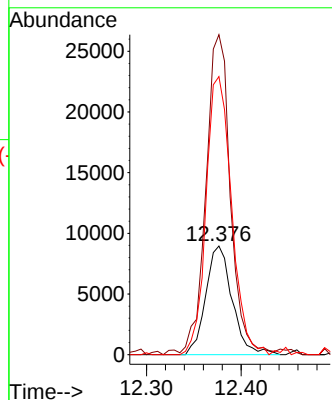
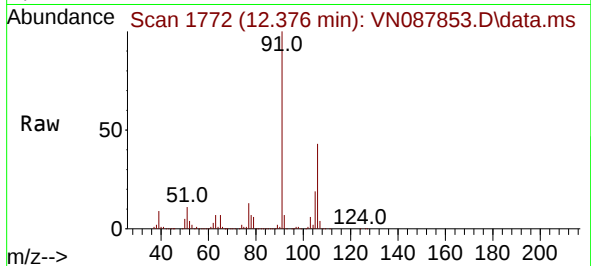




#70
Styrene
Concen: 1.618 ug/l
RT: 12.376 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

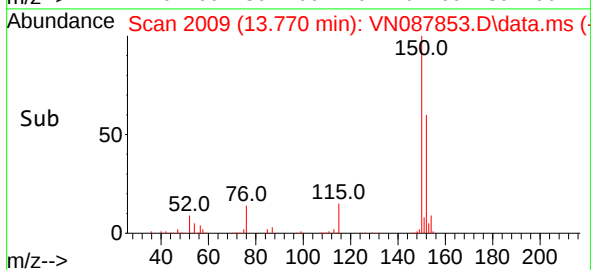
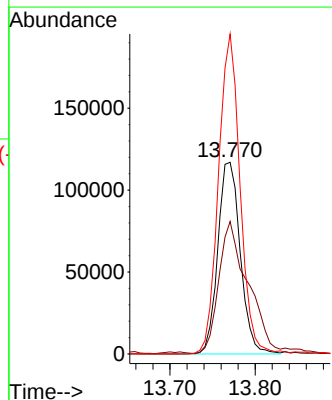
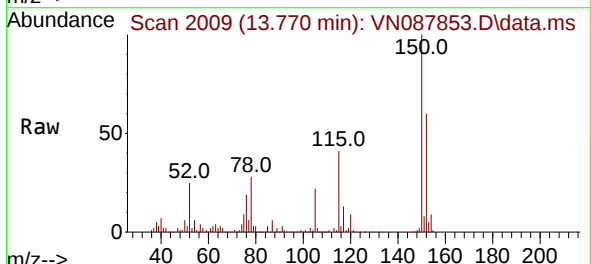
Instrument :
MSVOA_N
ClientSampleId :

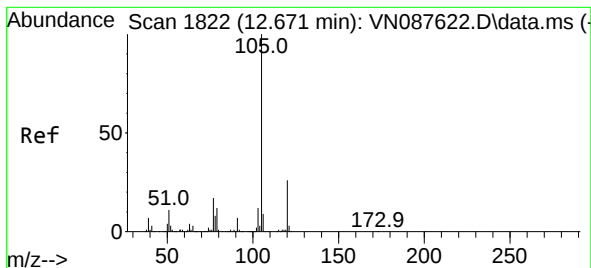
Tgt Ion:104 Resp: 17340
Ion Ratio Lower Upper
104 100
78 274.4 42.2 63.2#
103 247.2 43.4 65.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion:152 Resp: 214606
Ion Ratio Lower Upper
152 100
115 91.5 32.3 96.8
150 160.4 0.0 351.0





#73

Isopropylbenzene

Concen: 19.664 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

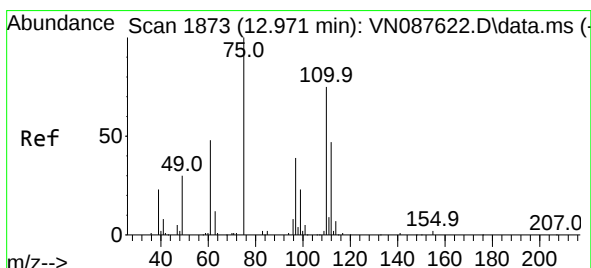
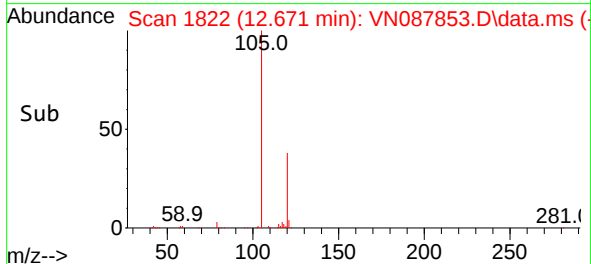
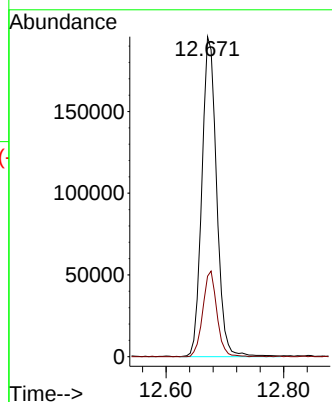
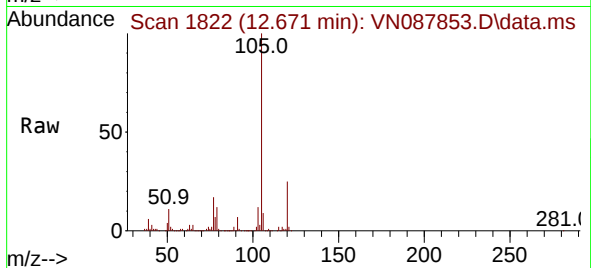
ClientSampleId :

Tgt Ion:105 Resp: 341010

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



#76

1,2,3-Trichloropropane

Concen: 1.961 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.047 min

Lab File: VN087853.D

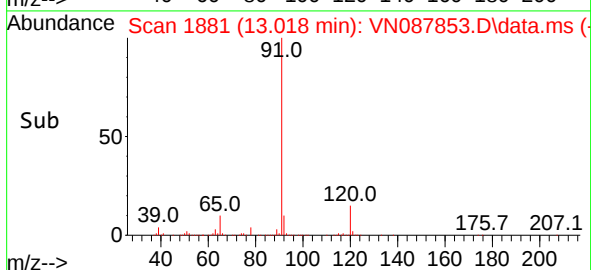
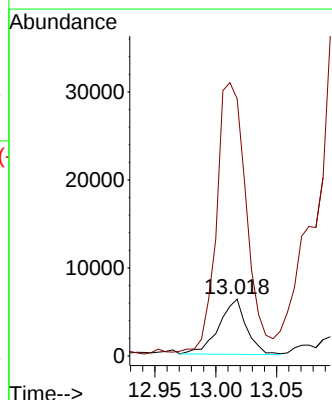
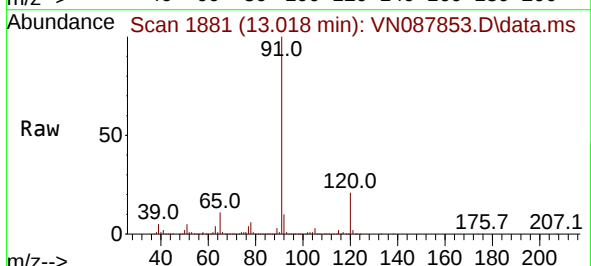
Acq: 16 Sep 2025 16:29

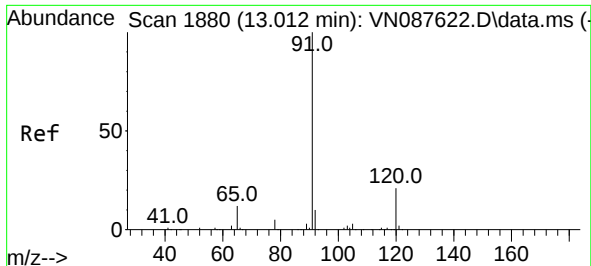
Tgt Ion: 75 Resp: 9867

Ion Ratio Lower Upper

75 100

77 525.2 89.1 267.4#

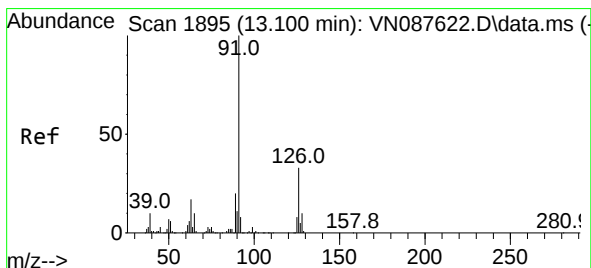
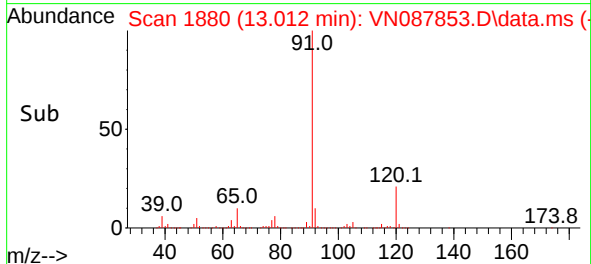
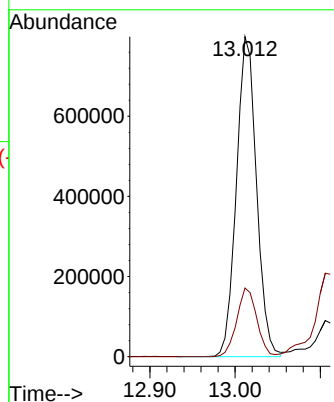
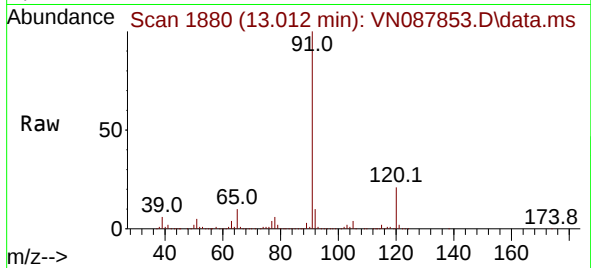




#78
n-propylbenzene
Concen: 61.166 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

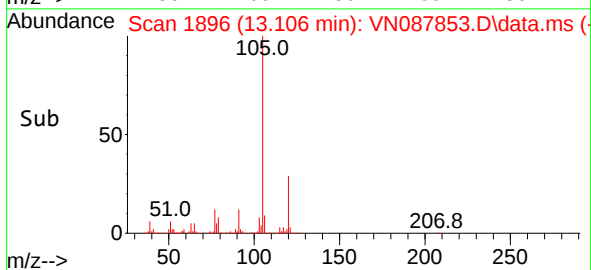
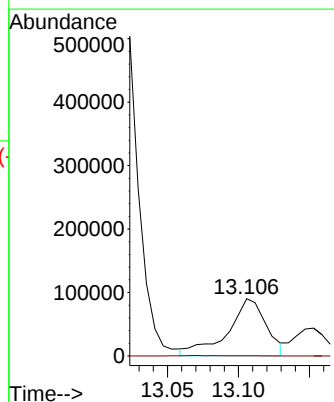
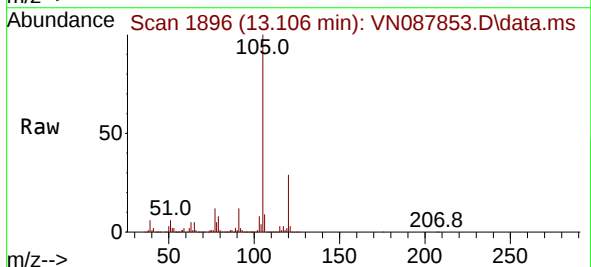
Instrument :
MSVOA_N
ClientSampleId :

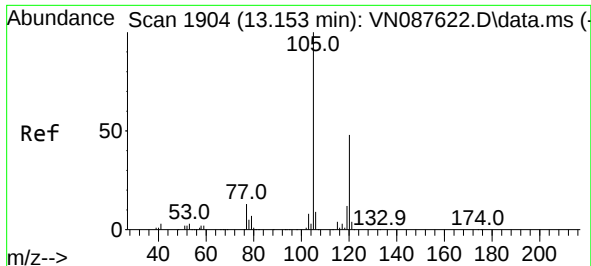
Tgt Ion: 91 Resp: 1306539
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1



#79
2-Chlorotoluene
Concen: 13.062 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 91 Resp: 167906
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#

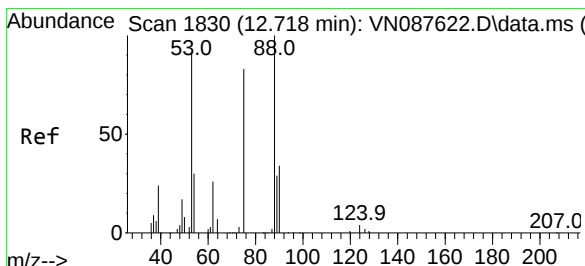
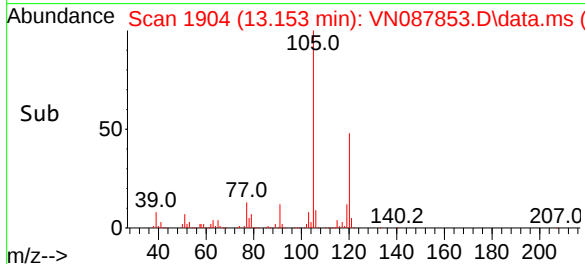
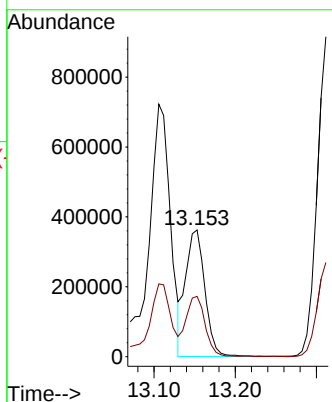
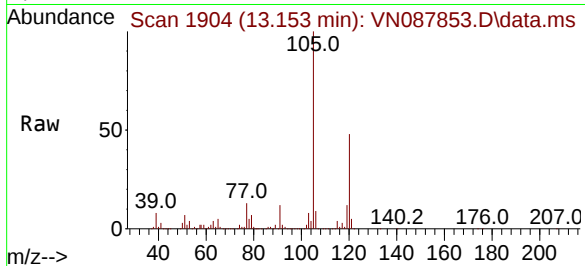




#80
 1,3,5-Trimethylbenzene
 Concen: 40.764 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VN087853.D
 Acq: 16 Sep 2025 16:29

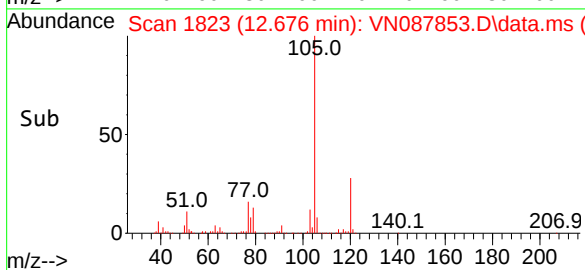
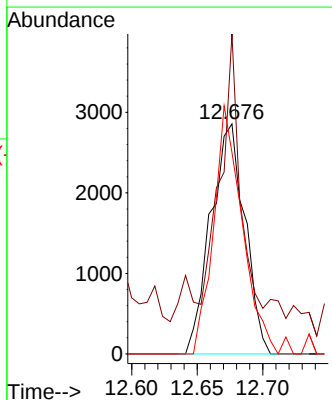
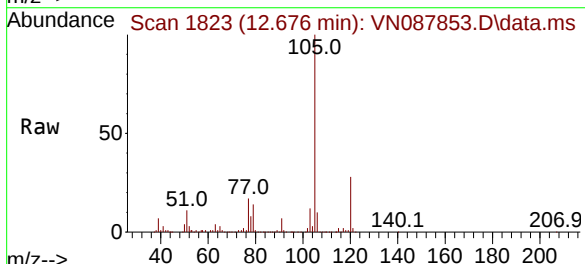
Instrument :
 MSVOA_N
 ClientSampleId :

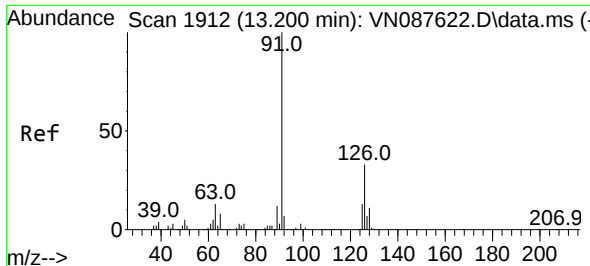
Tgt Ion:105 Resp: 599688
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.2 69.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.714 ug/l
 RT: 12.676 min Scan# 1823
 Delta R.T. -0.041 min
 Lab File: VN087853.D
 Acq: 16 Sep 2025 16:29

Tgt Ion: 75 Resp: 5159
 Ion Ratio Lower Upper
 75 100
 53 77.8 101.8 152.6#
 89 90.6 35.6 53.4#

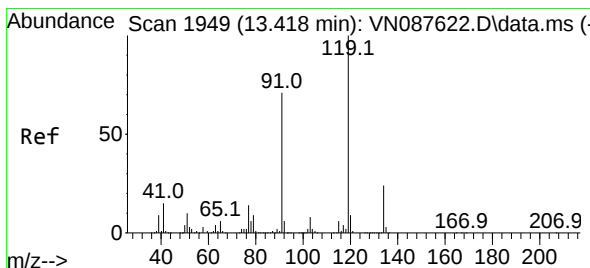
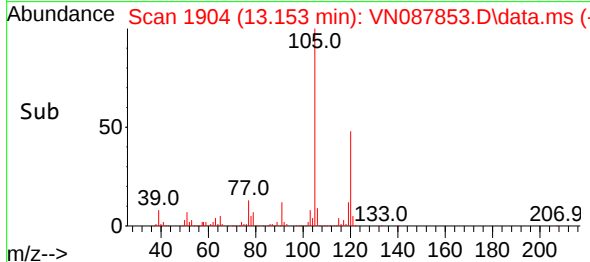
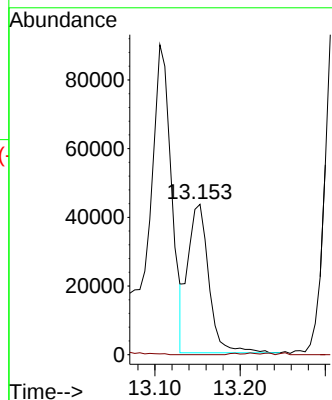
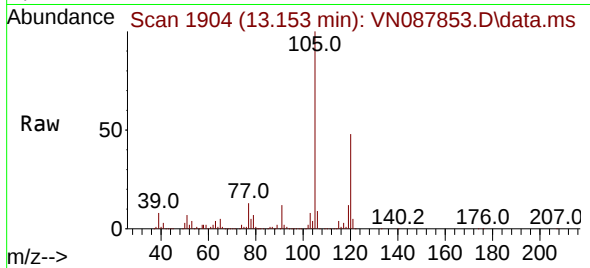




#82
4-Chlorotoluene
Concen: 5.439 ug/l
RT: 13.153 min Scan# 1912
Delta R.T. -0.047 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

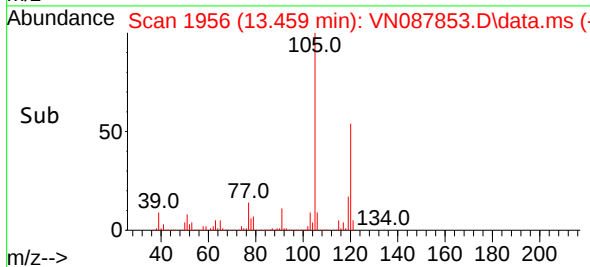
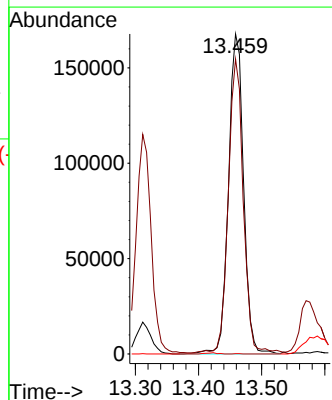
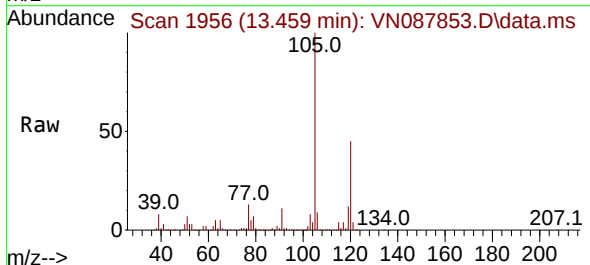
Instrument :
MSVOA_N
ClientSampleId :

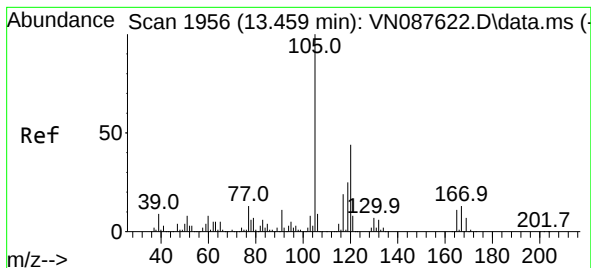
Tgt Ion: 91 Resp: 73515
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 22.652 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.041 min
Lab File: VN087853.D
Acq: 16 Sep 2025 16:29

Tgt Ion: 119 Resp: 277694
Ion Ratio Lower Upper
119 100
91 91.1 35.0 105.0
134 0.0 12.6 37.8#





#84

1,2,4-Trimethylbenzene

Concen: 152.671 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

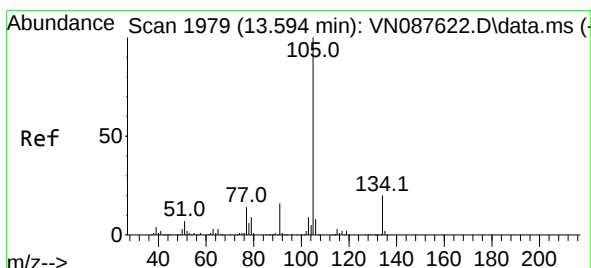
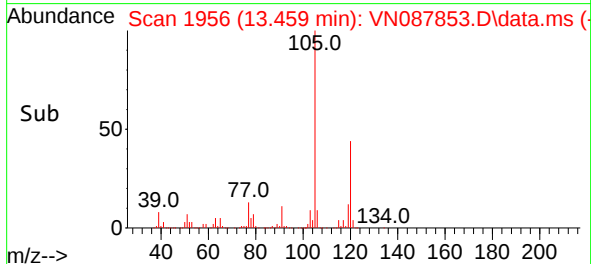
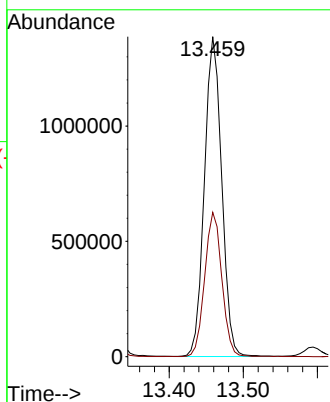
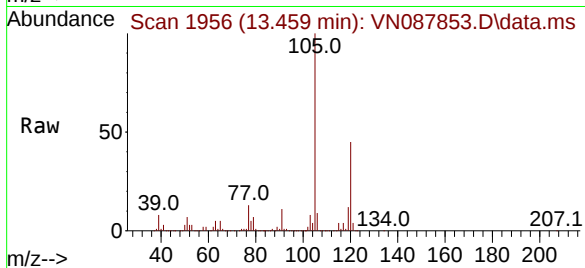
ClientSampleId :

Tgt Ion:105 Resp: 2248350

Ion Ratio Lower Upper

105 100

120 44.7 22.0 66.0



#85

sec-Butylbenzene

Concen: 3.916 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN087853.D

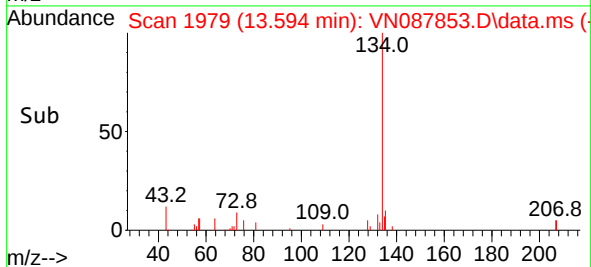
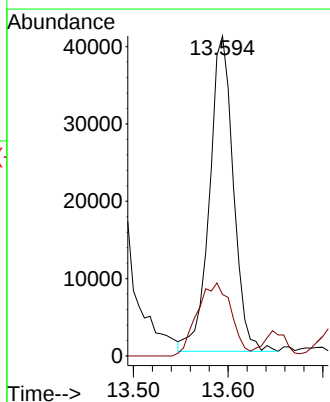
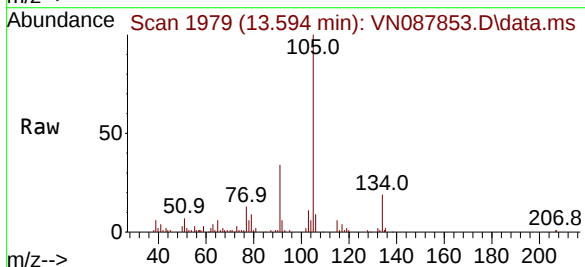
Acq: 16 Sep 2025 16:29

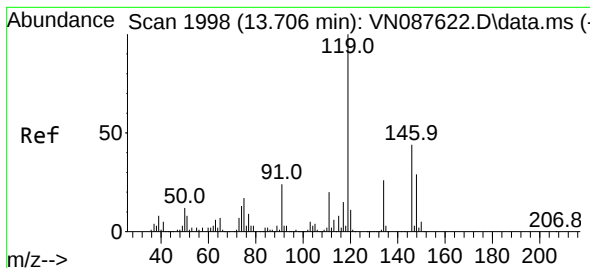
Tgt Ion:105 Resp: 71233

Ion Ratio Lower Upper

105 100

134 33.1 9.6 28.6#





#86

p-Isopropyltoluene

Concen: 1.362 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

ClientSampleId :

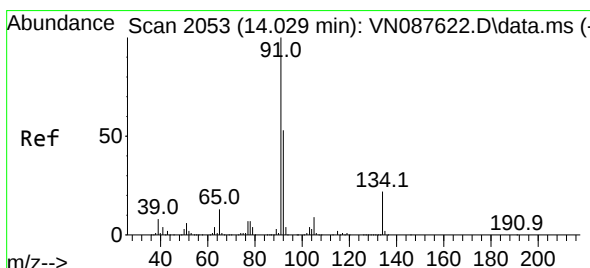
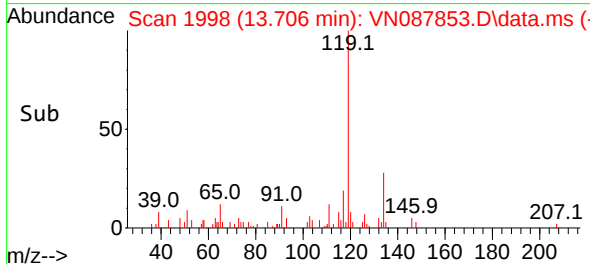
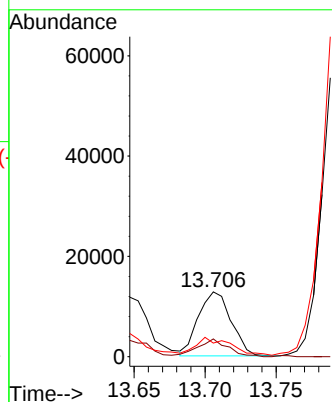
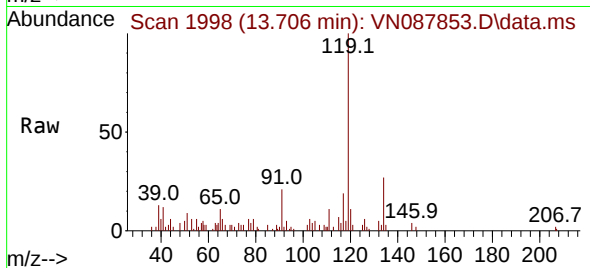
Tgt Ion:119 Resp: 20461

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 0.0 12.5 37.5#



#89

n-Butylbenzene

Concen: 6.243 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

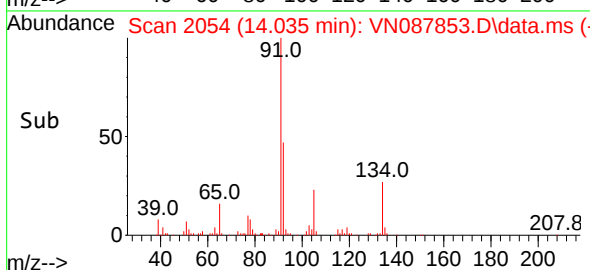
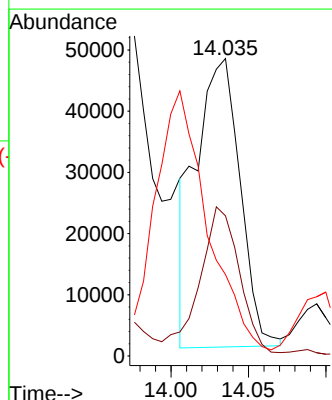
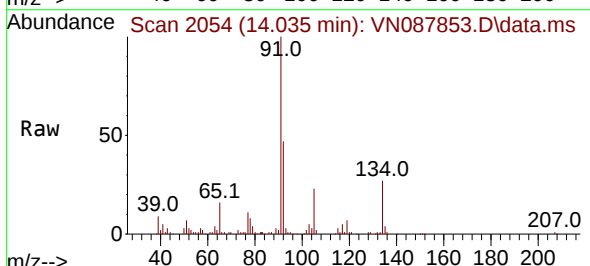
Tgt Ion: 91 Resp: 93135

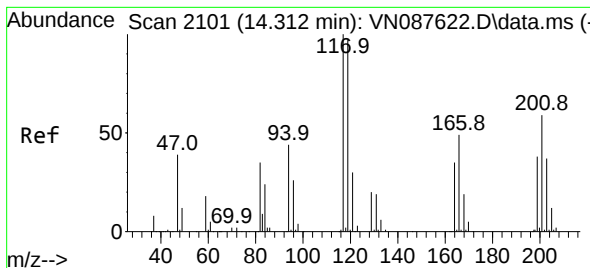
Ion Ratio Lower Upper

91 100

92 45.0 25.9 77.8

134 0.0 11.7 35.0#





#90

Hexachloroethane

Concen: 23.664 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

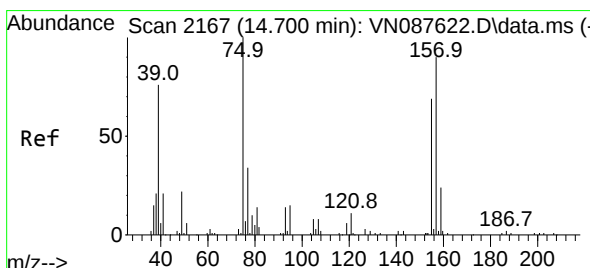
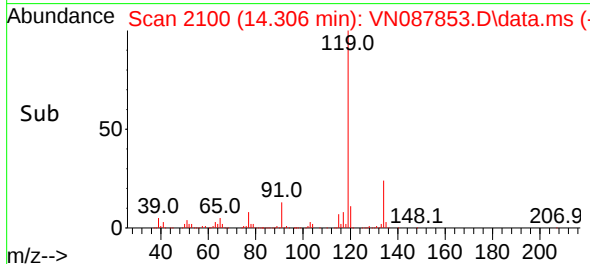
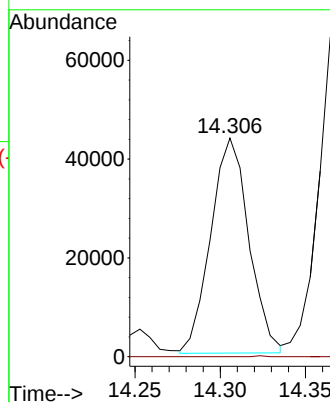
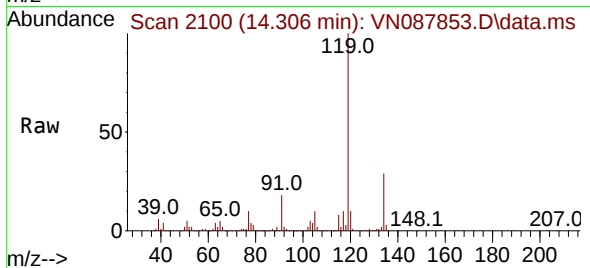
ClientSampleId :

Tgt Ion:117 Resp: 67726

Ion Ratio Lower Upper

117 100

201 0.1 29.1 87.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.403 ug/l

RT: 14.670 min Scan# 2162

Delta R.T. -0.029 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

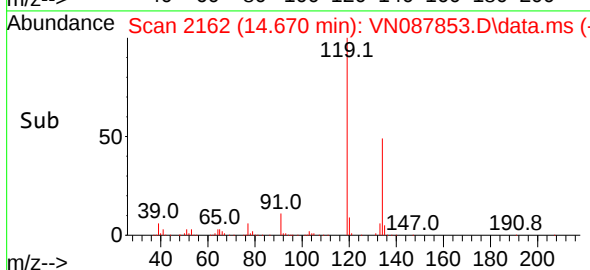
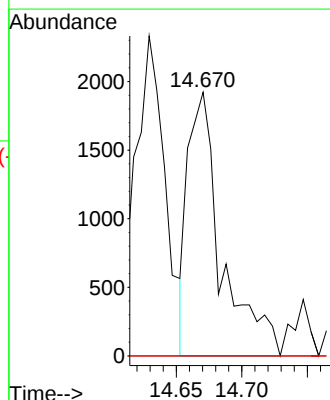
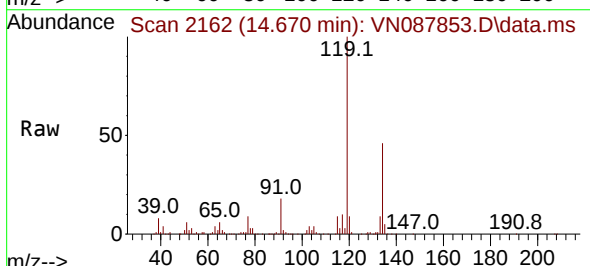
Tgt Ion: 75 Resp: 3408

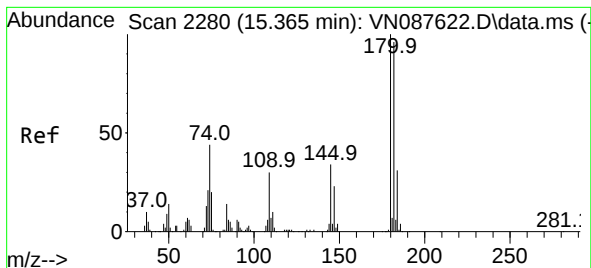
Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.9#

157 0.0 45.6 136.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.285 ug/l

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

ClientSampleId :

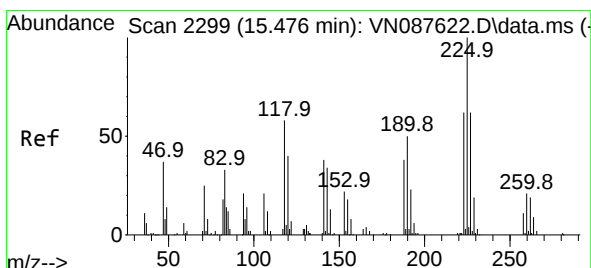
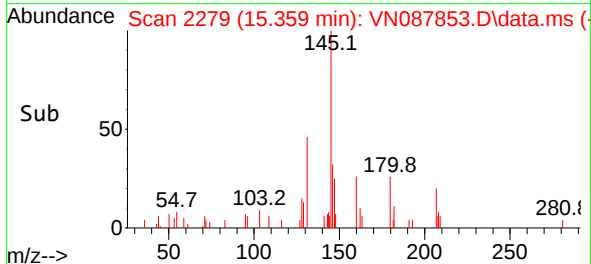
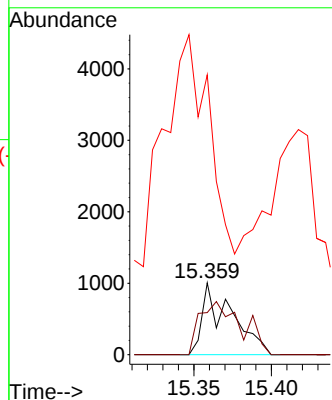
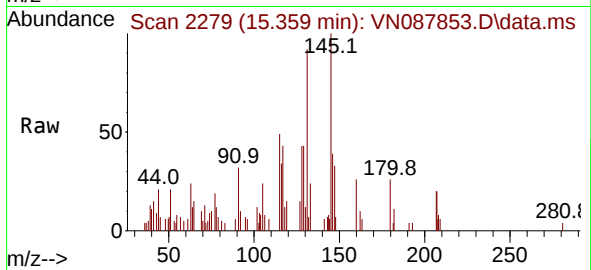
Tgt Ion:180 Resp: 1308

Ion Ratio Lower Upper

180 100

182 106.3 47.6 142.9

145 826.4 16.5 49.5#



#94

Hexachlorobutadiene

Concen: 0.401 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

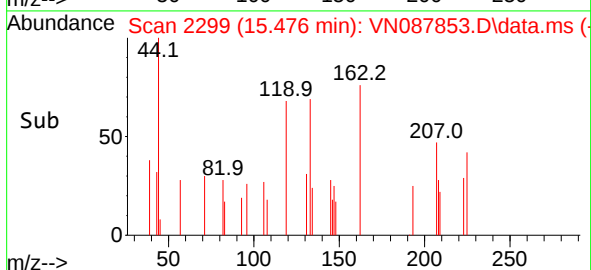
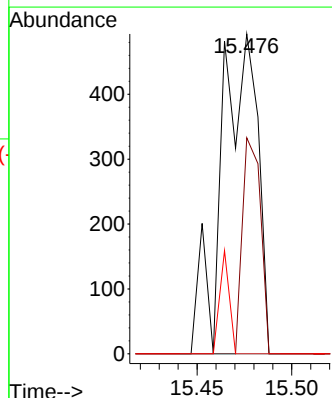
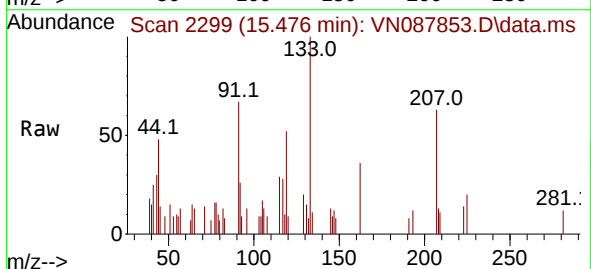
Tgt Ion:225 Resp: 656

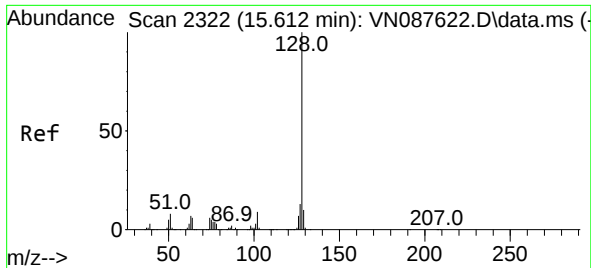
Ion Ratio Lower Upper

225 100

223 33.7 32.0 96.2

227 8.5 32.1 96.5#





#95

Naphthalene

Concen: 31.919 ug/l

RT: 15.612 min Scan# 21

Delta R.T. -0.000 min

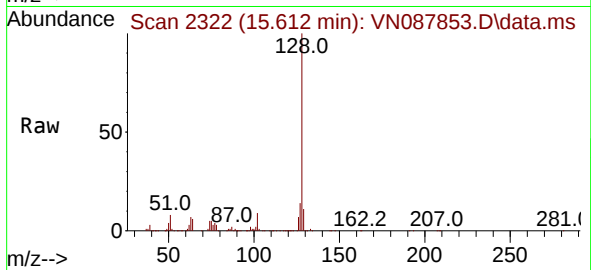
Lab File: VN087853.D

Acq: 16 Sep 2025 16:29

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	518619
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	10.9	8.6	12.8

