

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088380.D
 Acq On : 01 Dec 2025 14:13
 Operator : JC\MD
 Sample : Q3715-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 02 00:14:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	220027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	508612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	500256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	238931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	240580	58.043	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.080%	
35) Dibromofluoromethane	8.147	113	177800	50.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.880%	
50) Toluene-d8	10.547	98	660362	50.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.829	95	256527	57.008	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.020%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.506	59	297	0.449	ug/l #	72
13) Acrolein	4.171	56	418	0.660	ug/l #	1
14) Allyl chloride	5.271	41	25132	5.051	ug/l #	42
15) Acrylonitrile	5.794	53	4152	2.175	ug/l #	46
16) Acetone	4.424	43	20228	13.494	ug/l #	69
17) Carbon Disulfide	4.730	76	2753	0.314	ug/l #	76
18) Methyl Acetate	5.271	43	51513	11.545	ug/l #	53
19) Methyl tert-butyl Ether	5.800	73	2465	0.245	ug/l #	1
25) 2-Butanone	7.494	43	3160	1.311	ug/l #	49
26) 2,2-Dichloropropane	7.418	77	2662	0.513	ug/l #	56
27) cis-1,2-Dichloroethene	7.465	96	1171	0.339	ug/l #	4
31) Cyclohexane	8.235	56	41116	7.543	ug/l	91
36) 1,1-Dichloropropene	8.206	75	22699	4.173	ug/l #	52
37) Ethyl Acetate	7.494	43	3160	0.442	ug/l #	72
38) Carbon Tetrachloride	8.200	117	25872	4.778	ug/l #	16
39) Methylcyclohexane	9.576	83	16988	2.920	ug/l	93
40) Benzene	8.588	78	32186	2.016	ug/l	96
43) Isopropyl Acetate	8.688	43	7729	0.707	ug/l #	58
44) Trichloroethene	9.341	130	1846	0.489	ug/l	60
47) Bromodichloromethane	9.847	83	2094	0.352	ug/l #	24
48) Methyl methacrylate	9.706	41	1732	0.347	ug/l #	24
52) Toluene	10.612	92	14693	1.594	ug/l	89
55) 1,1,2-Trichloroethane	10.982	97	4988	1.398	ug/l #	27
60) Dibromochloromethane	11.082	129	1651	0.406	ug/l #	11
64) Tetrachloroethene	11.070	164	1492	0.376	ug/l	90
67) Ethyl Benzene	11.941	91	36714	1.869	ug/l	94
68) m/p-Xylenes	12.047	106	28539	3.919	ug/l	98
69) o-Xylene	12.376	106	7656	1.103	ug/l	92
73) Isopropylbenzene	12.670	105	101528	5.747	ug/l	98
76) 1,2,3-Trichloropropane	12.823	75	144677	25.853	ug/l #	1
78) n-propylbenzene	13.012	91	228078	10.553	ug/l	96
79) 2-Chlorotoluene	13.012	91	228078	17.281	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.147	105	13572	0.927	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.823	75	144677	73.343	ug/l #	1
82) 4-Chlorotoluene	13.012	91	228078	17.399	ug/l #	44
83) tert-Butylbenzene	13.417	119	3573	0.287	ug/l	95

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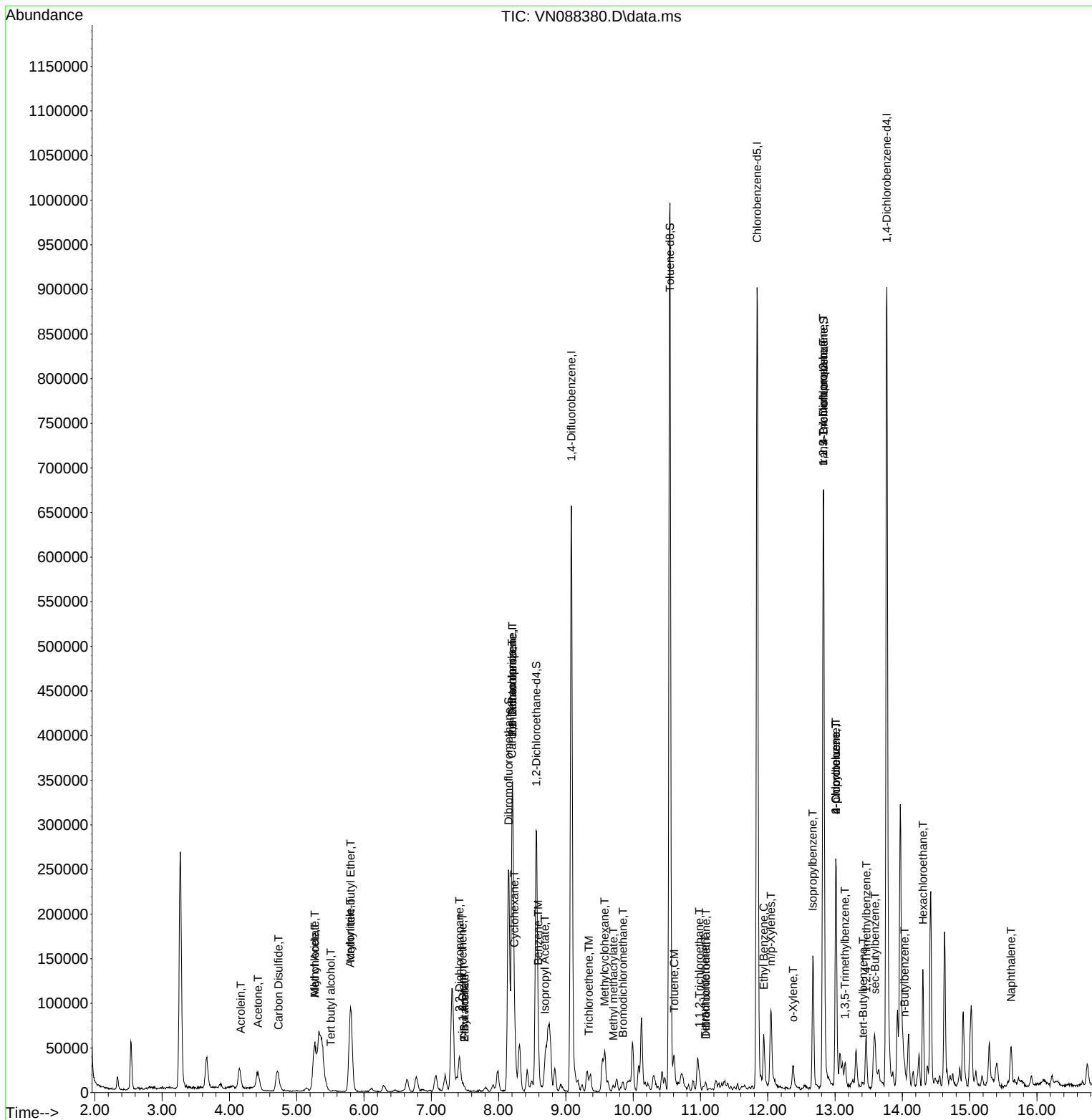
Instrument :
MSVOA_N
ClientSampleId :

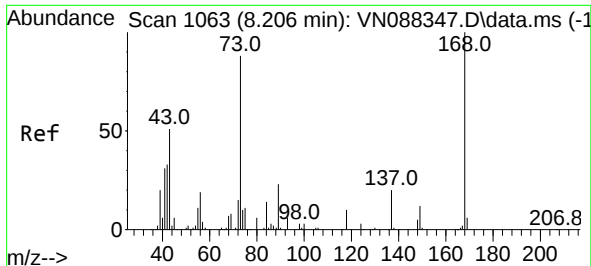
Quant Time: Dec 02 00:14:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.464	105	38649	2.656	ug/l	100
85) sec-Butylbenzene	13.594	105	28024	1.568	ug/l #	57
89) n-Butylbenzene	14.035	91	8486	0.596	ug/l #	84
90) Hexachloroethane	14.306	117	6588	2.460	ug/l #	20
95) Naphthalene	15.617	128	45158	2.962	ug/l	98

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

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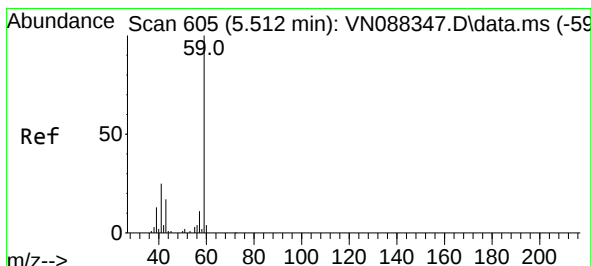
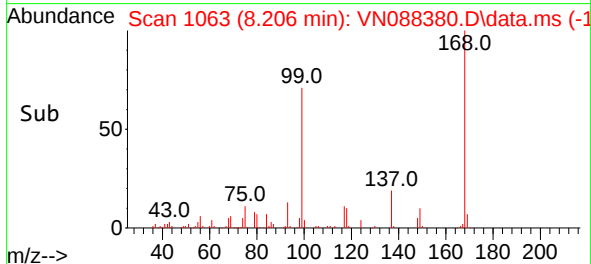
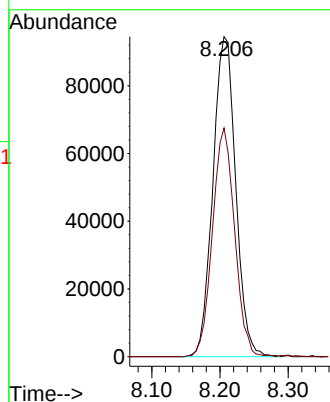
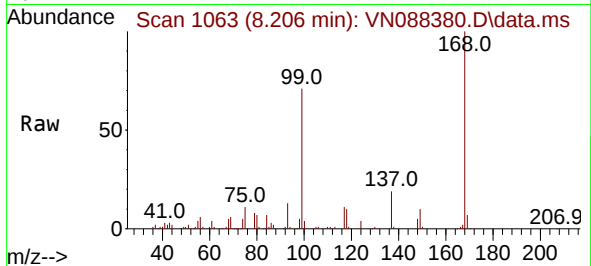




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

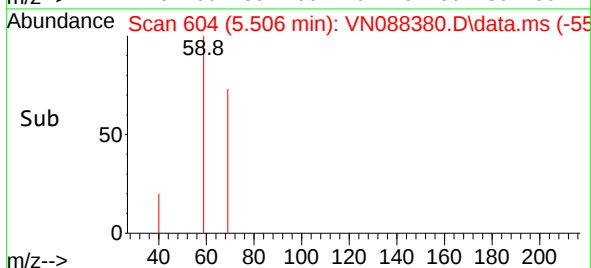
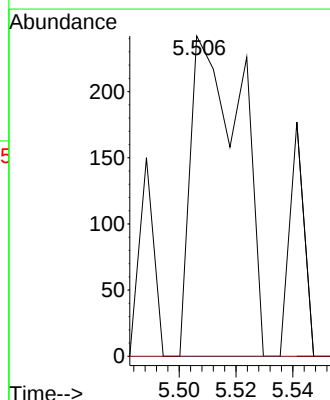
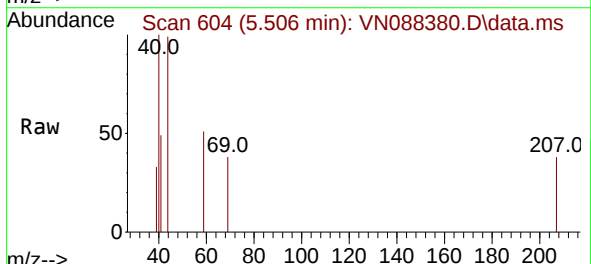
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ClientSampleId :

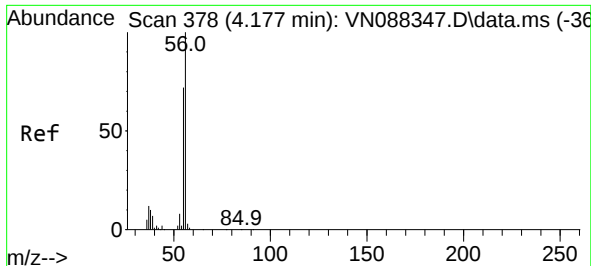
Tgt Ion:168 Resp: 220027
Ion Ratio Lower Upper
168 100
99 71.4 57.1 85.7



#11
Tert butyl alcohol
Concen: 0.449 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

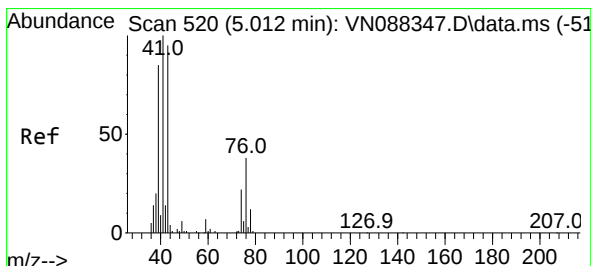
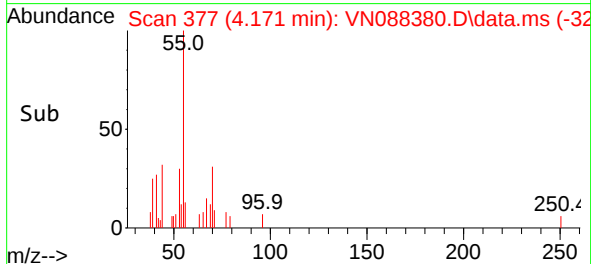
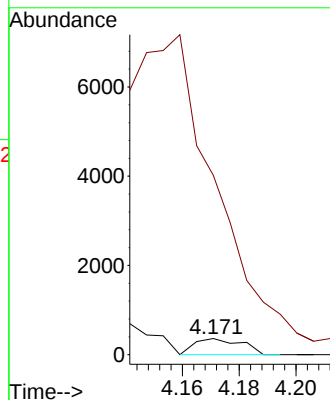
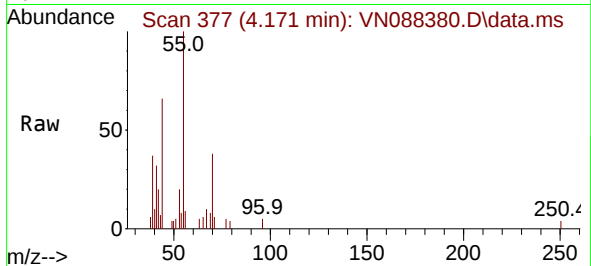




#13
Acrolein
Concen: 0.660 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

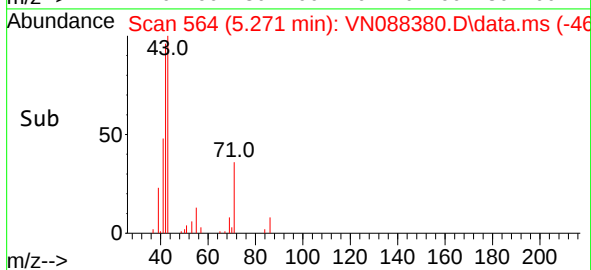
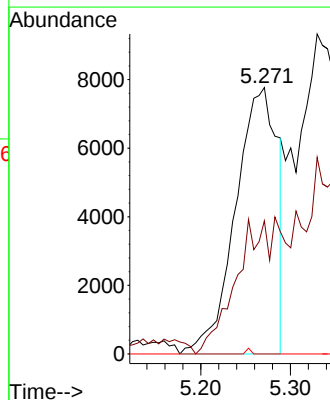
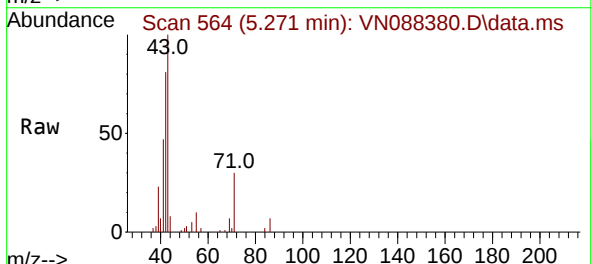
Instrument :
MSVOA_N
ClientSampleId :

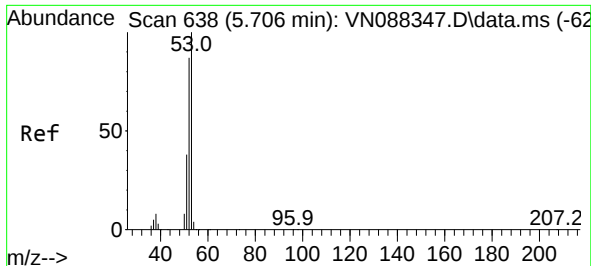
Tgt Ion: 56 Resp: 418
Ion Ratio Lower Upper
56 100
55 5117.7 56.3 84.5#



#14
Allyl chloride
Concen: 5.051 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.259 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

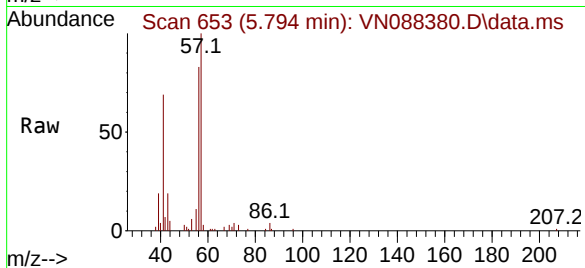
Tgt Ion: 41 Resp: 25132
Ion Ratio Lower Upper
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39 30.4 64.7 97.1#
76 0.2 29.1 43.7#



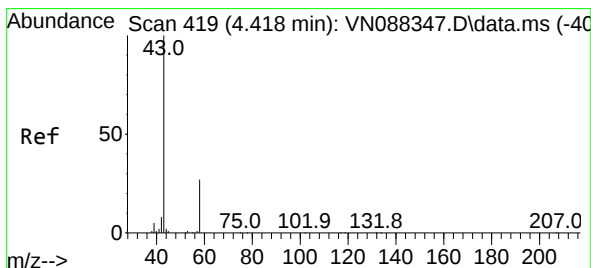
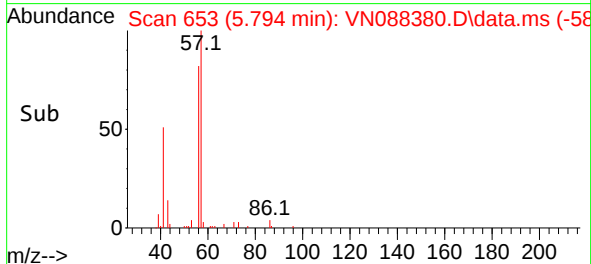
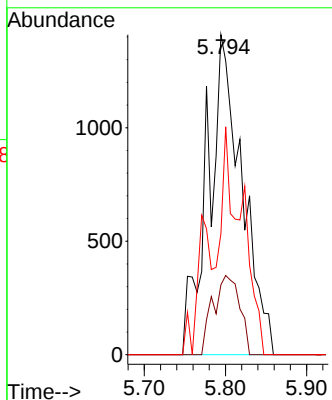


#15
Acrylonitrile
Concen: 2.175 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.088 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :

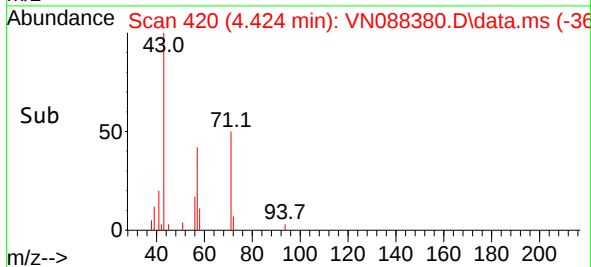
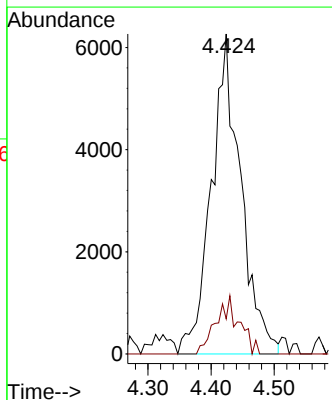
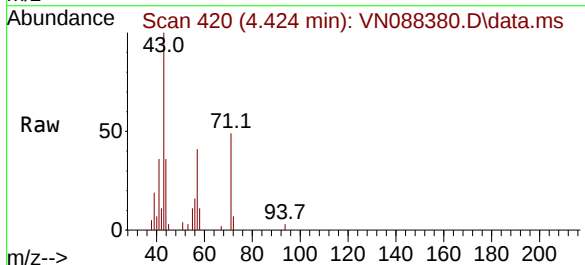


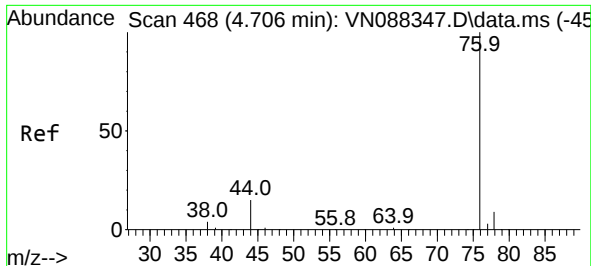
Tgt Ion: 53 Resp: 4152
Ion Ratio Lower Upper
53 100
52 19.1 67.8 101.6#
51 45.3 29.8 44.8#



#16
Acetone
Concen: 13.494 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 43 Resp: 20228
Ion Ratio Lower Upper
43 100
58 10.9 21.7 32.5#

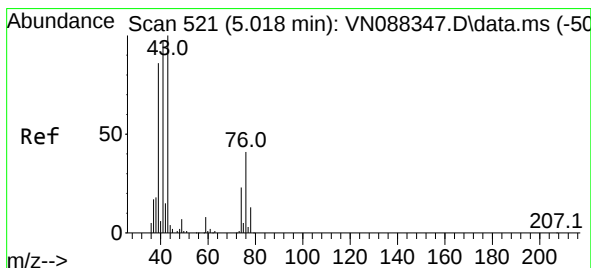
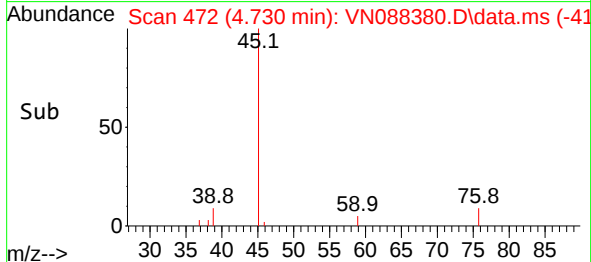
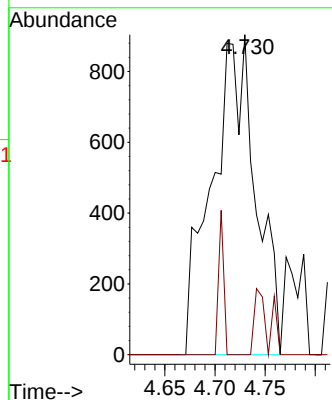
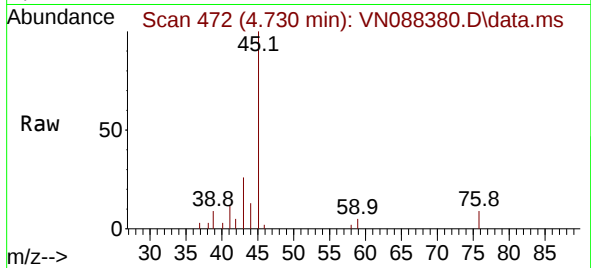




#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

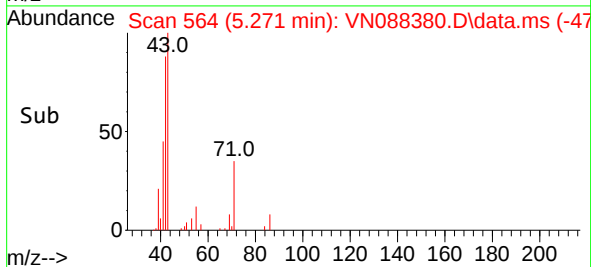
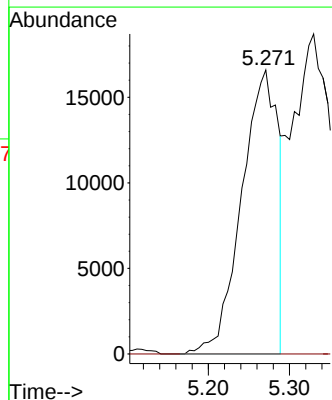
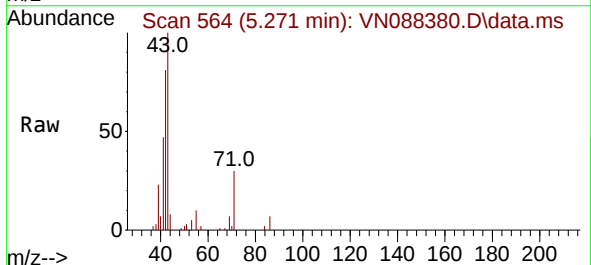
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MSVOA_N
ClientSampleId :

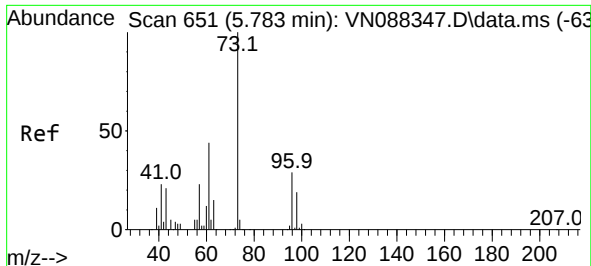
Tgt Ion: 76 Resp: 2753
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 11.545 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.253 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 43 Resp: 51513
Ion Ratio Lower Upper
43 100
74 0.0 17.9 26.9#

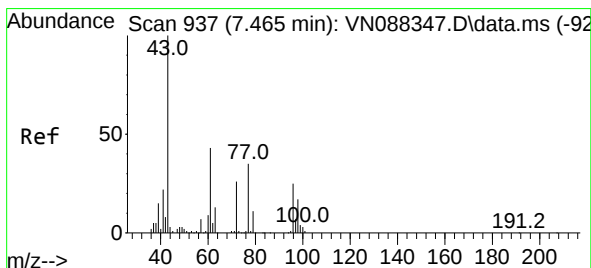
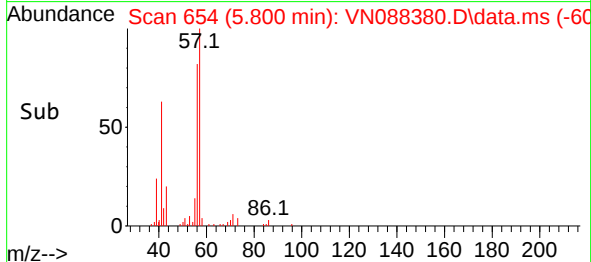
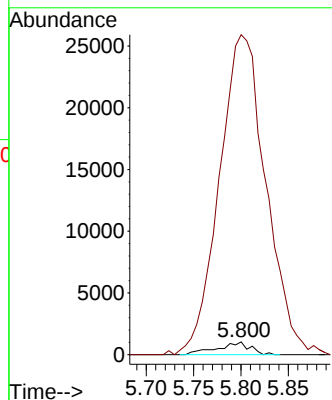
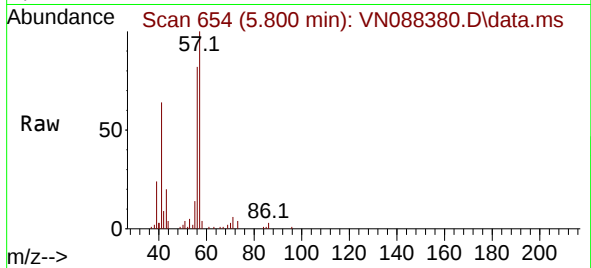




#19
Methyl tert-butyl Ether
Concen: 0.245 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

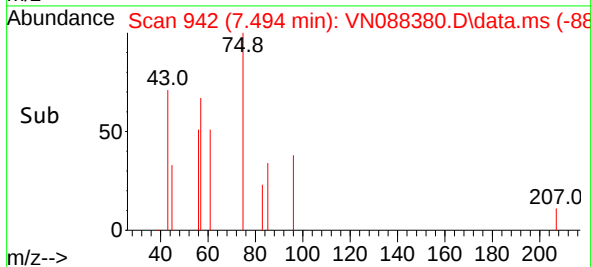
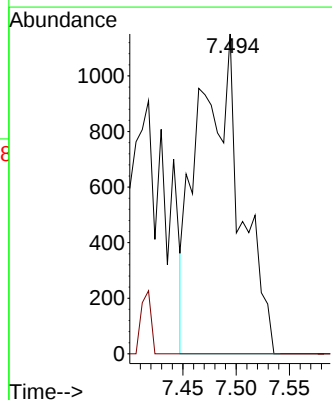
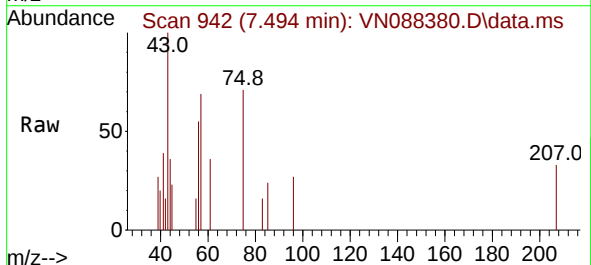
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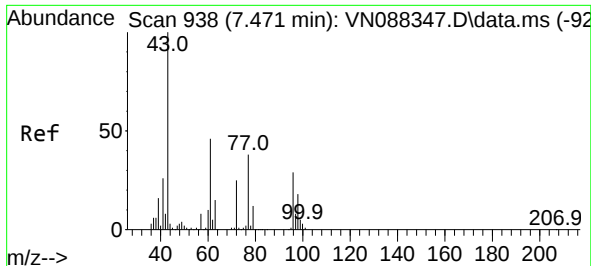
Tgt Ion: 73 Resp: 2465
Ion Ratio Lower Upper
73 100
57 2472.1 18.6 28.0#



#25
2-Butanone
Concen: 1.311 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.029 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

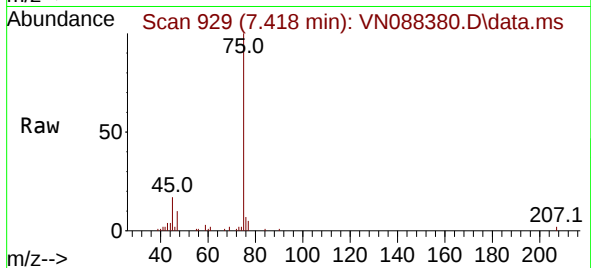
Tgt Ion: 43 Resp: 3160
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



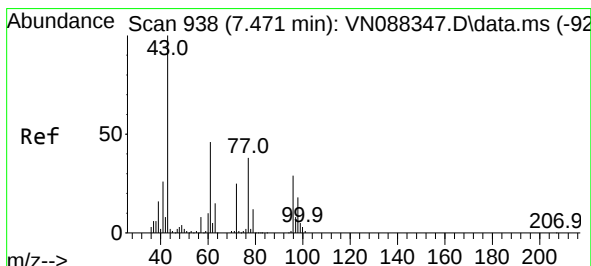
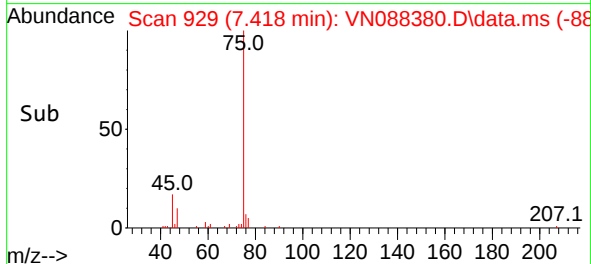
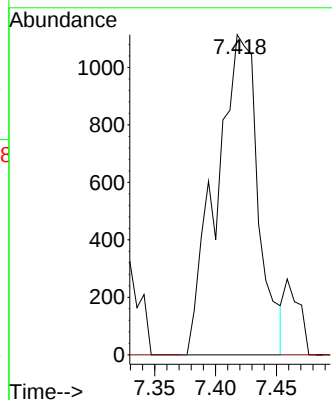


#26
2,2-Dichloropropane
Concen: 0.513 ug/l
RT: 7.418 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :

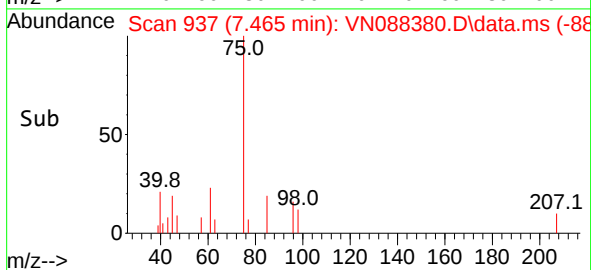
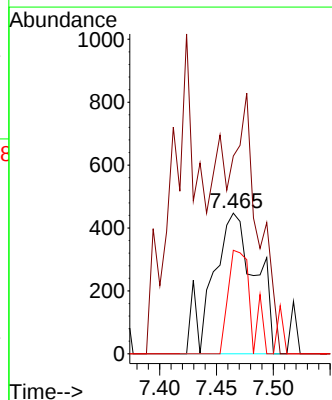
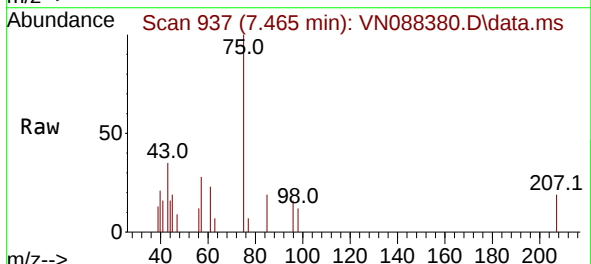


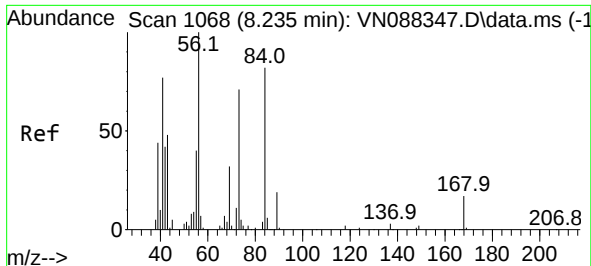
Tgt Ion: 77 Resp: 2662
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#



#27
cis-1,2-Dichloroethene
Concen: 0.339 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

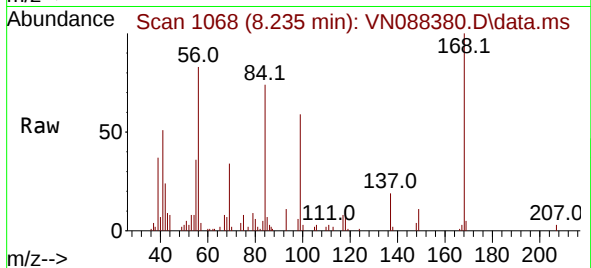
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Ion Ratio Lower Upper
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61 0.0 0.0 323.6
98 39.2 0.0 127.2



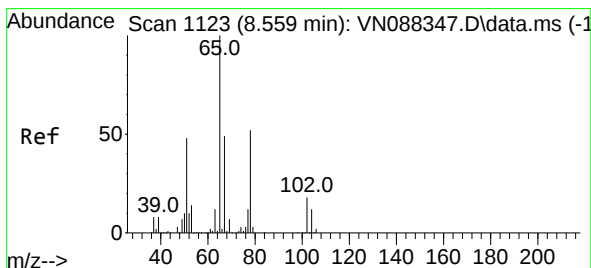
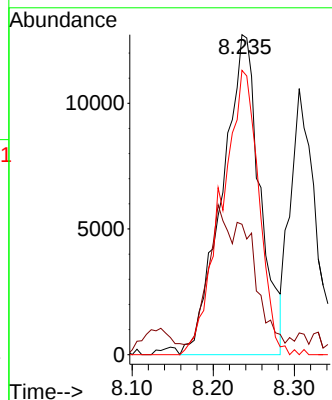
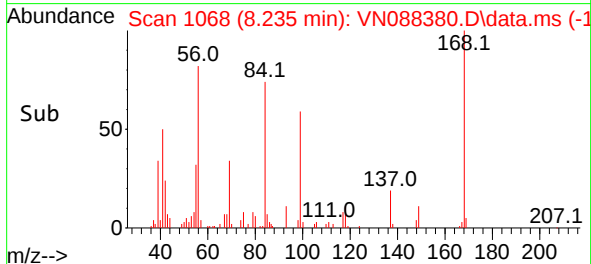


#31
Cyclohexane
Concen: 7.543 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :

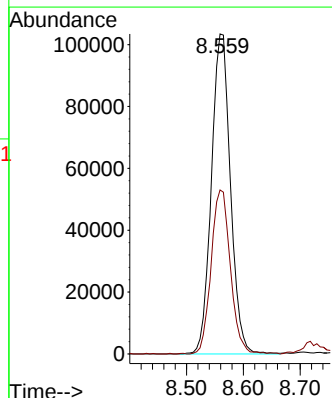
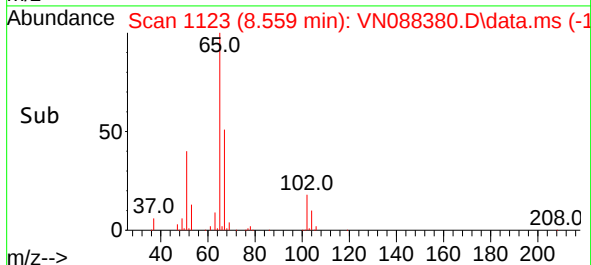
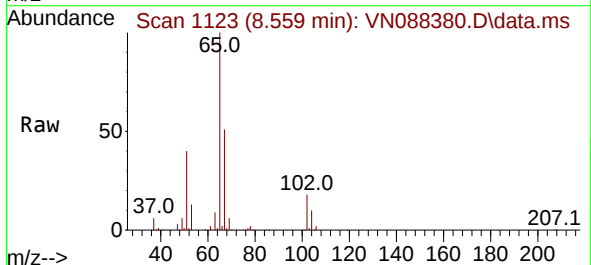


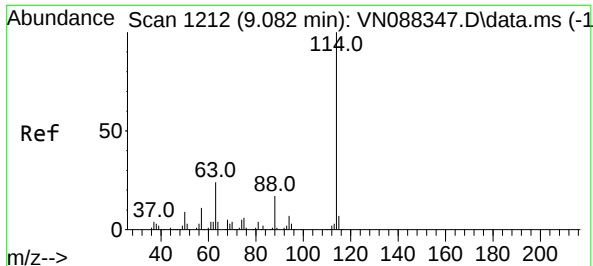
Tgt Ion: 56 Resp: 41116
Ion Ratio Lower Upper
56 100
69 37.3 25.3 37.9
84 88.8 65.4 98.2



#33
1,2-Dichloroethane-d4
Concen: 58.043 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 65 Resp: 240580
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088380.D

Acq: 01 Dec 2025 14:13

Instrument :

MSVOA_N

ClientSampleId :

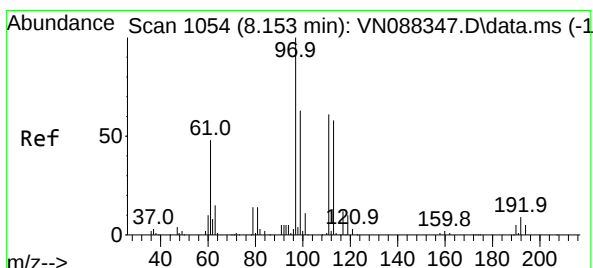
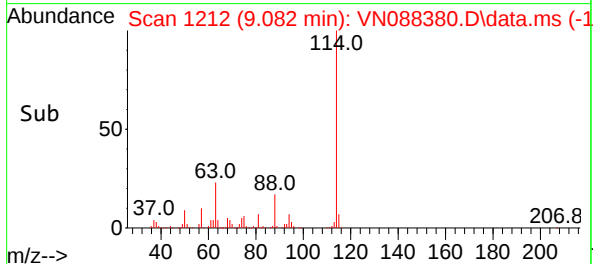
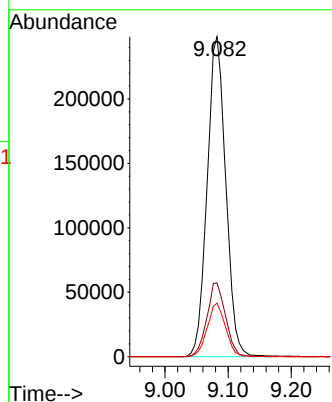
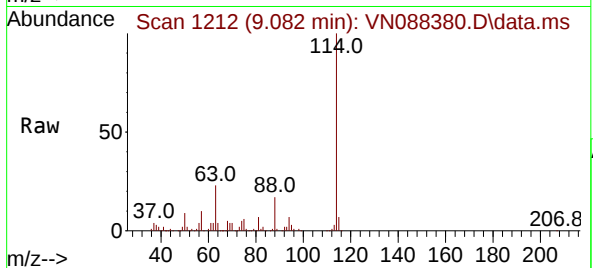
Tgt Ion:114 Resp: 508612

Ion Ratio Lower Upper

114 100

63 23.1 0.0 49.0

88 16.7 0.0 34.0



#35

Dibromofluoromethane

Concen: 50.445 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088380.D

Acq: 01 Dec 2025 14:13

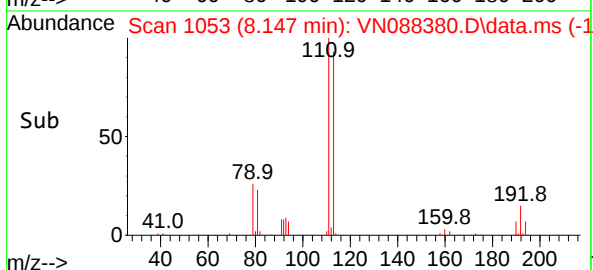
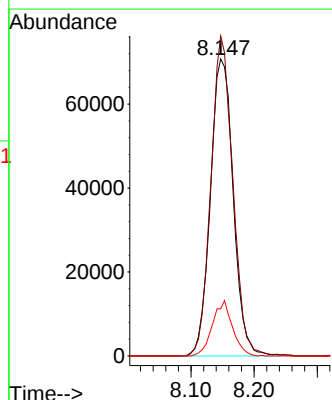
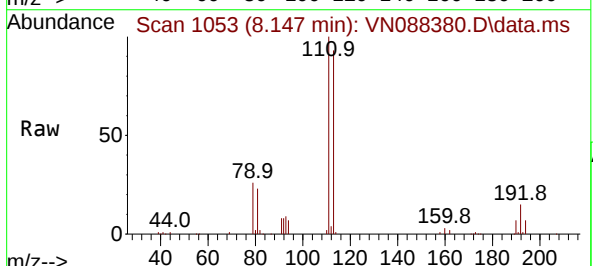
Tgt Ion:113 Resp: 177800

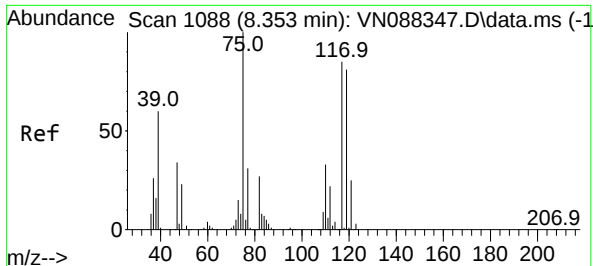
Ion Ratio Lower Upper

113 100

111 103.3 82.5 123.7

192 16.4 12.8 19.2





#36

1,1-Dichloropropene

Concen: 4.173 ug/l

RT: 8.206 min Scan# 1

Delta R.T. -0.147 min

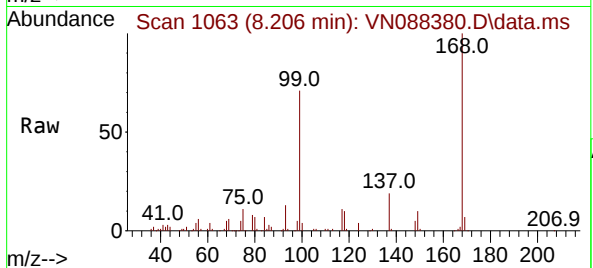
Lab File: VN088380.D

Acq: 01 Dec 2025 14:13

Instrument :

MSVOA_N

ClientSampleId :



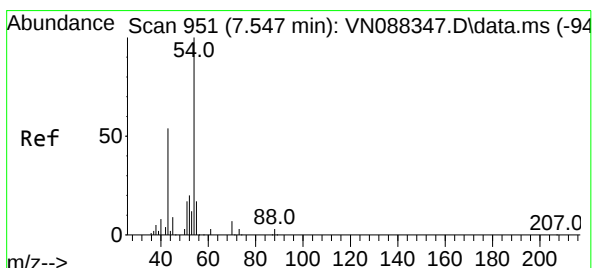
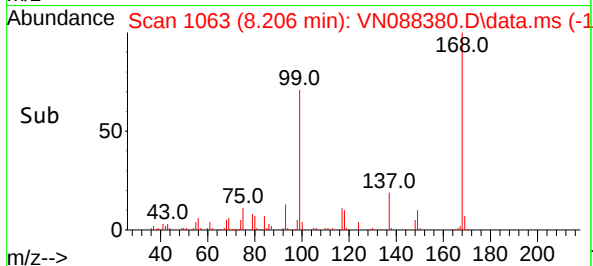
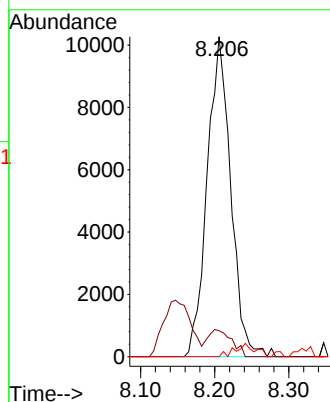
Tgt Ion: 75 Resp: 22699

Ion Ratio Lower Upper

75 100

110 8.6 15.8 47.4#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 0.442 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.053 min

Lab File: VN088380.D

Acq: 01 Dec 2025 14:13

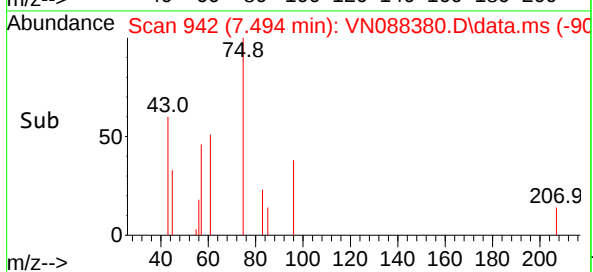
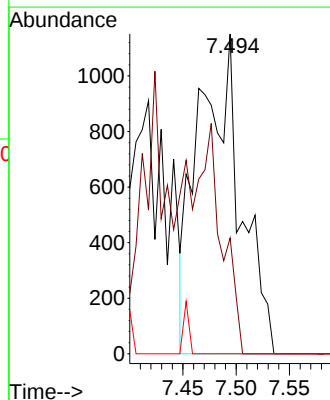
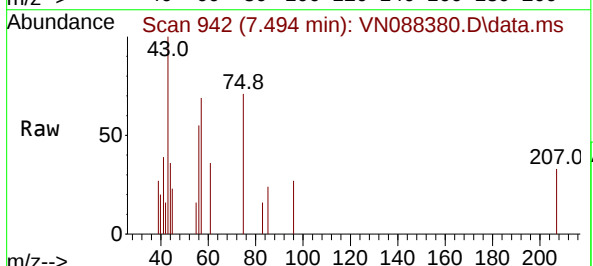
Tgt Ion: 43 Resp: 3160

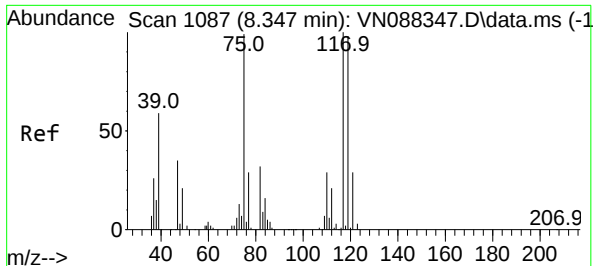
Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

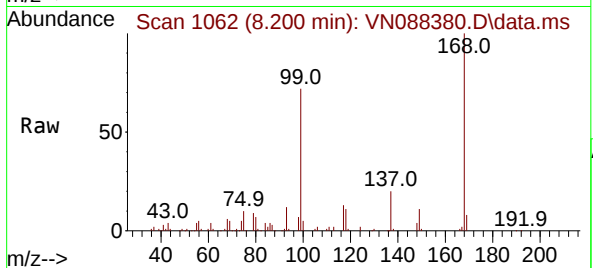
70 0.0 7.1 10.7#



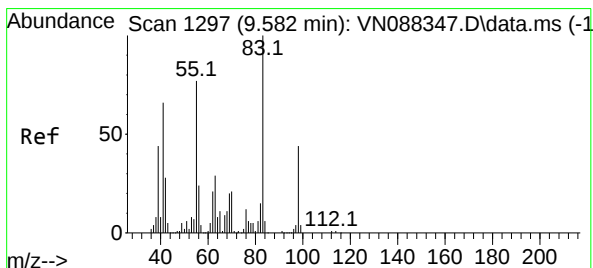
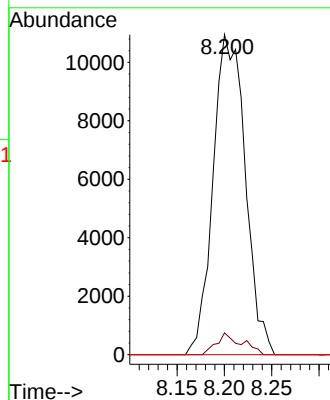
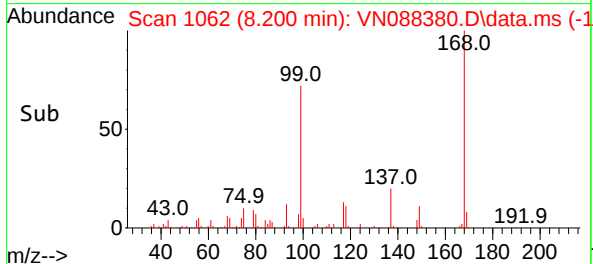


#38
Carbon Tetrachloride
Concen: 4.778 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.147 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :

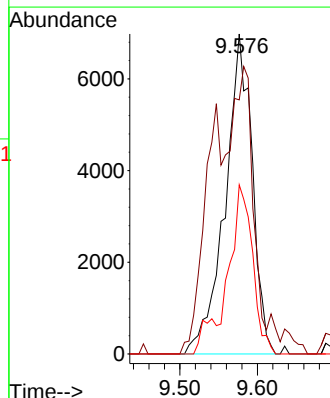
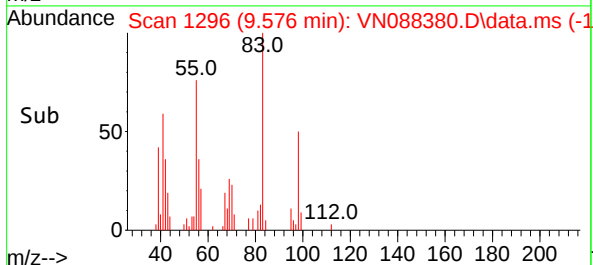
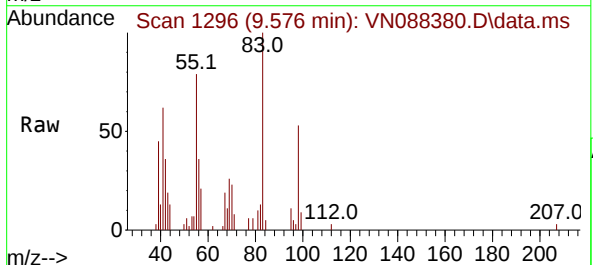


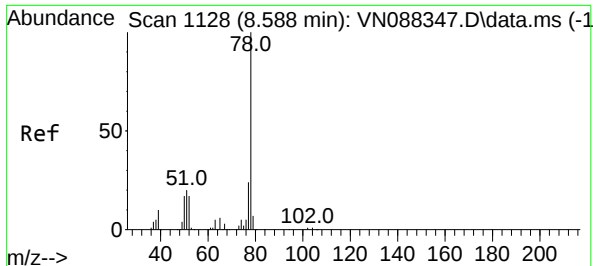
Tgt Ion:117 Resp: 25872
Ion Ratio Lower Upper
117 100
119 6.8 78.2 117.4#
121 0.0 23.4 35.2#



#39
Methylcyclohexane
Concen: 2.920 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 83 Resp: 16988
Ion Ratio Lower Upper
83 100
55 79.4 61.6 92.4
98 52.9 35.3 52.9

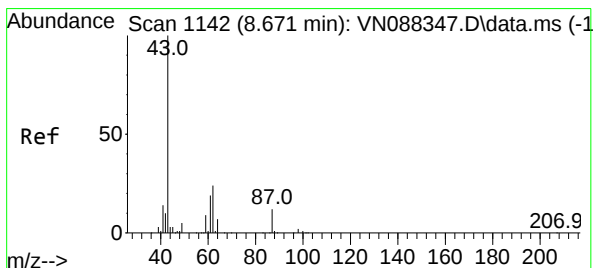
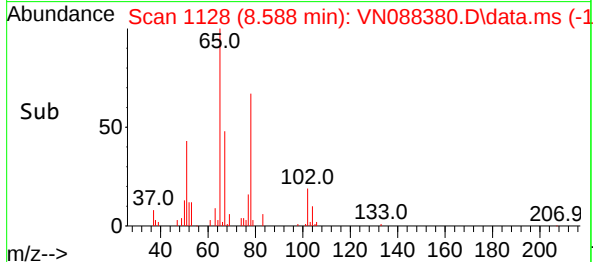
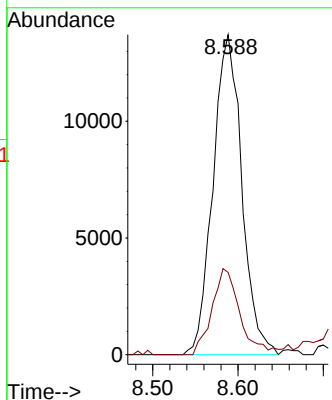
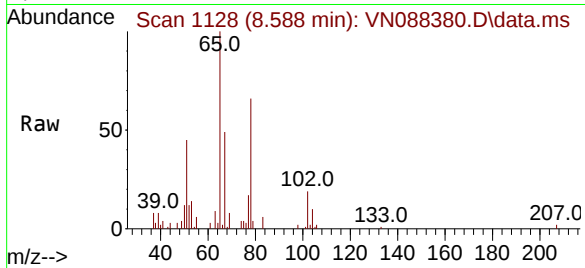




#40
Benzene
Concen: 2.016 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

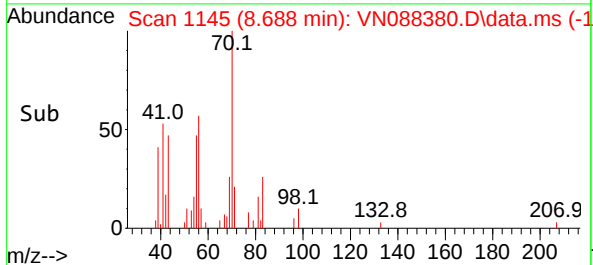
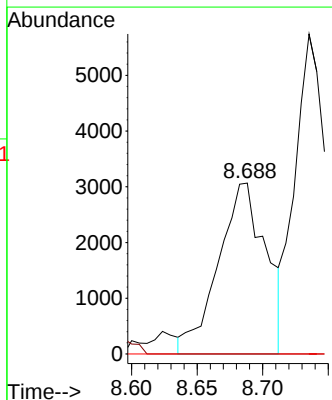
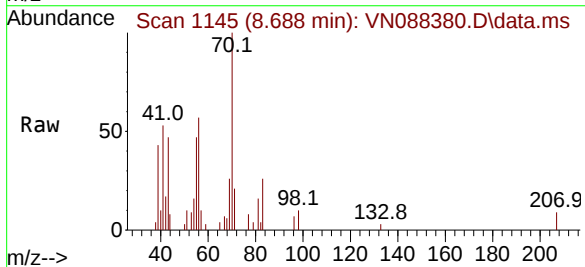
Instrument :
MSVOA_N
ClientSampleId :

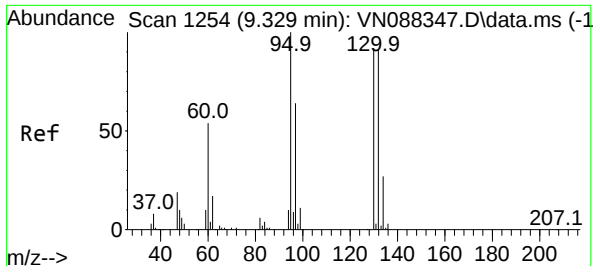
Tgt Ion: 78 Resp: 32186
Ion Ratio Lower Upper
78 100
77 25.7 19.0 28.4



#43
Isopropyl Acetate
Concen: 0.707 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 43 Resp: 7729
Ion Ratio Lower Upper
43 100
61 0.0 18.7 28.1#
87 0.0 9.1 13.7#

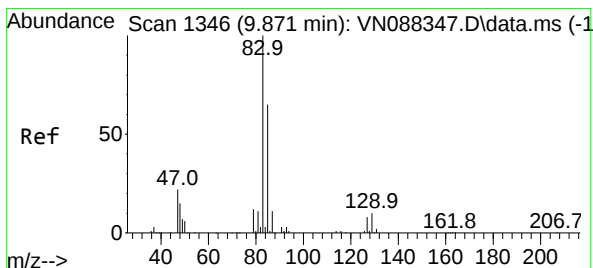
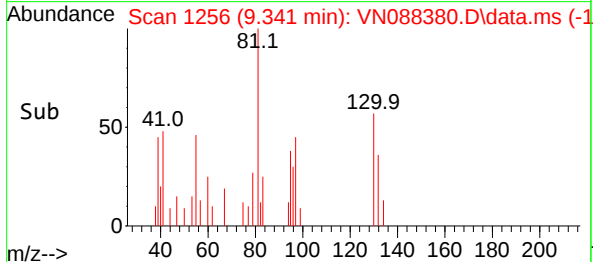
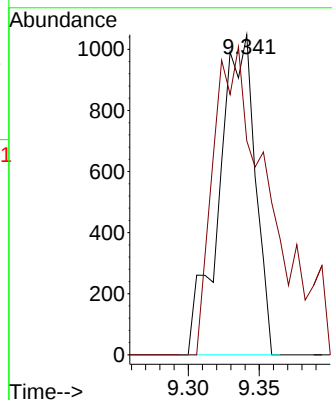
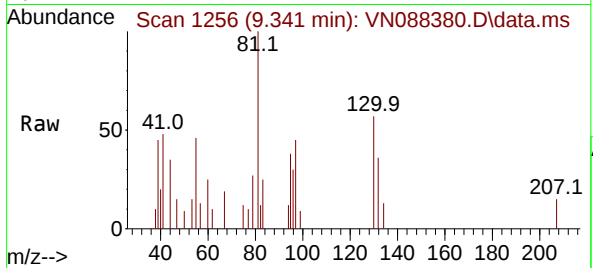




#44
Trichloroethene
Concen: 0.489 ug/l
RT: 9.341 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

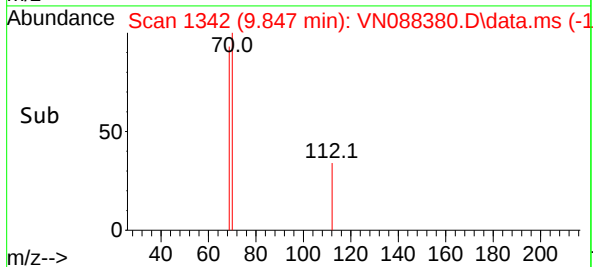
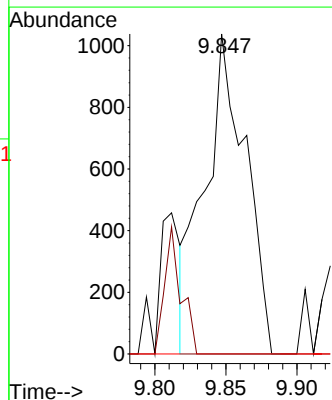
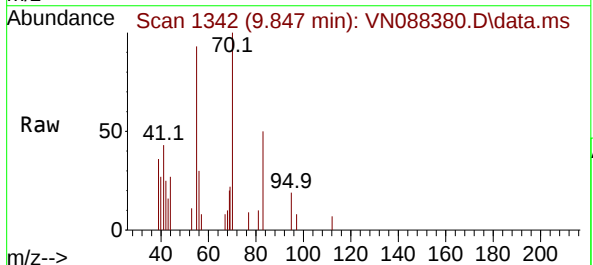
Instrument :
MSVOA_N
ClientSampleId :

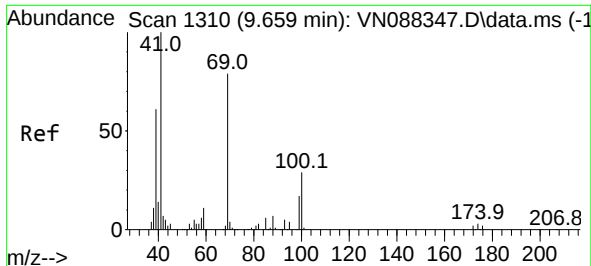
Tgt Ion:130 Resp: 1846
Ion Ratio Lower Upper
130 100
95 66.9 0.0 217.0



#47
Bromodichloromethane
Concen: 0.352 ug/l
RT: 9.847 min Scan# 1342
Delta R.T. -0.024 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

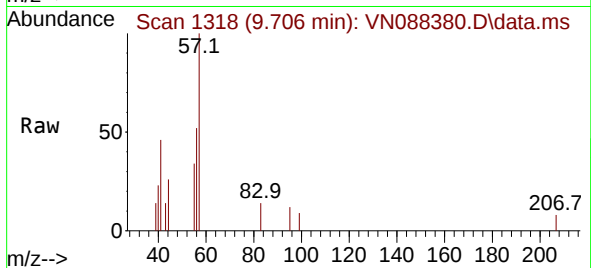
Tgt Ion: 83 Resp: 2094
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#
127 0.0 6.3 9.5#



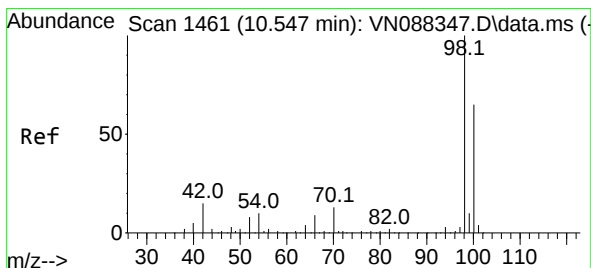
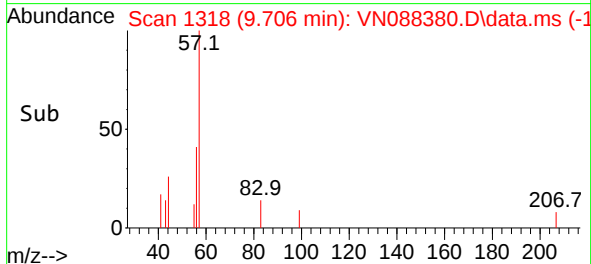
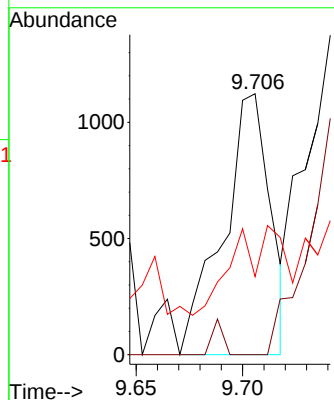


#48
Methyl methacrylate
Concen: 0.347 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.047 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :

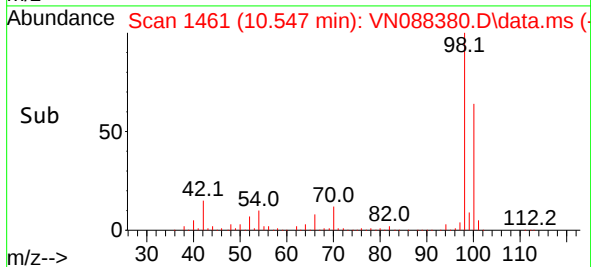
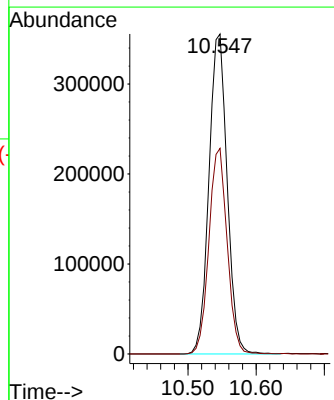
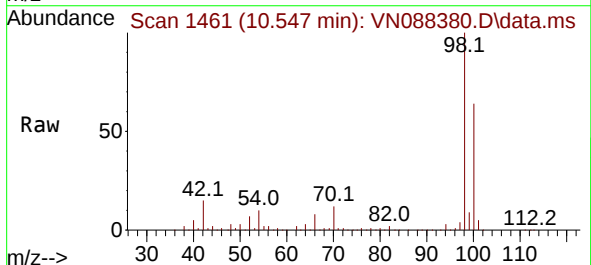


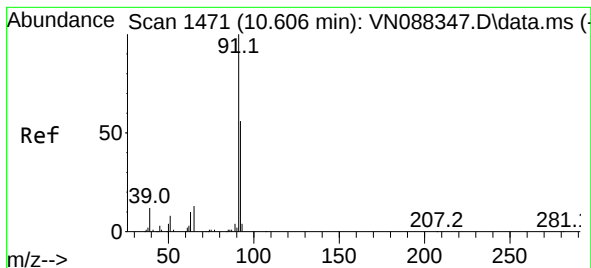
Tgt Ion: 41 Resp: 1732
Ion Ratio Lower Upper
41 100
69 0.0 62.4 93.6#
39 18.9 52.6 79.0#



#50
Toluene-d8
Concen: 50.354 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 98 Resp: 660362
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2





#52

Toluene

Concen: 1.594 ug/l

RT: 10.612 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VN088380.D

Acq: 01 Dec 2025 14:13

Instrument :

MSVOA_N

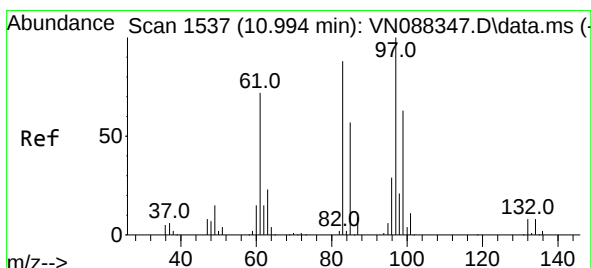
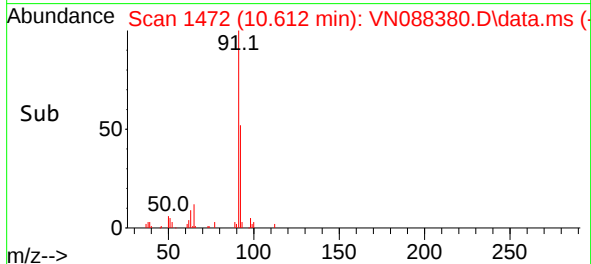
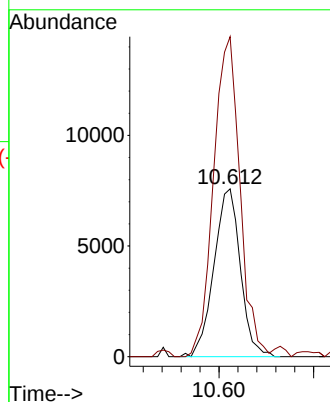
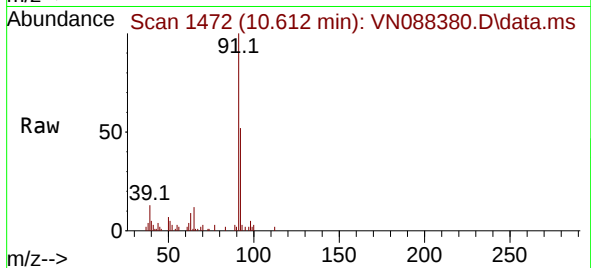
ClientSampleId :

Tgt Ion: 92 Resp: 14693

Ion Ratio Lower Upper

92 100

91 190.1 140.2 210.2



#55

1,1,2-Trichloroethane

Concen: 1.398 ug/l

RT: 10.982 min Scan# 1535

Delta R.T. -0.012 min

Lab File: VN088380.D

Acq: 01 Dec 2025 14:13

Tgt Ion: 97 Resp: 4988

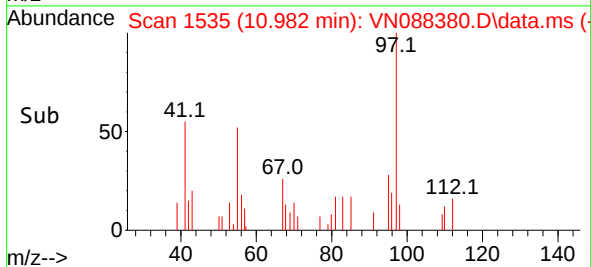
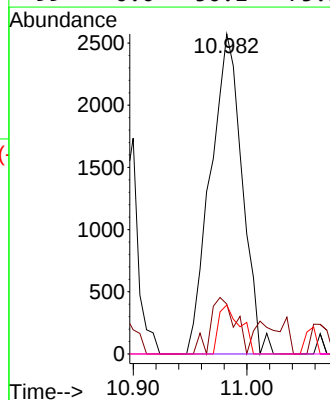
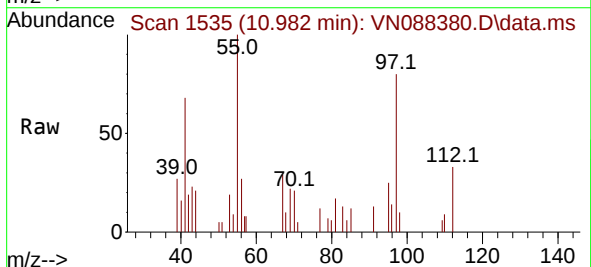
Ion Ratio Lower Upper

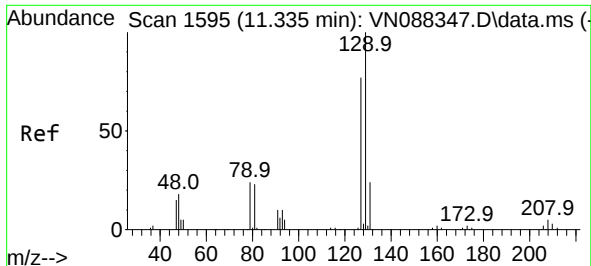
97 100

83 15.6 70.4 105.6#

85 15.3 45.4 68.2#

99 0.0 50.1 75.1#

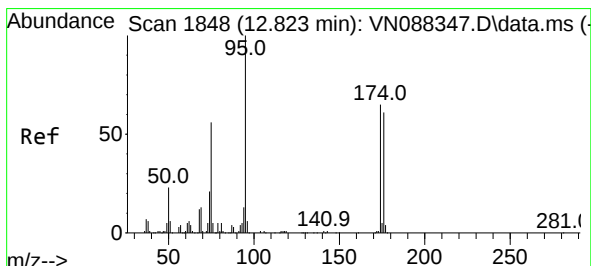
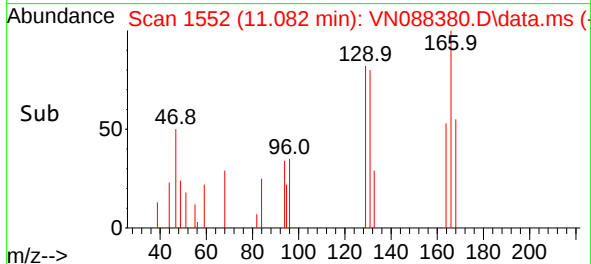
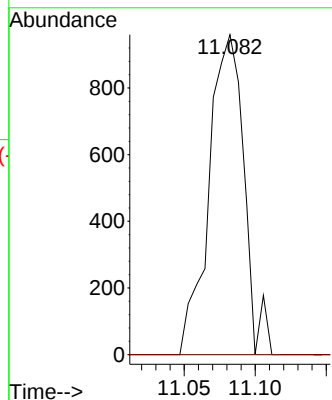
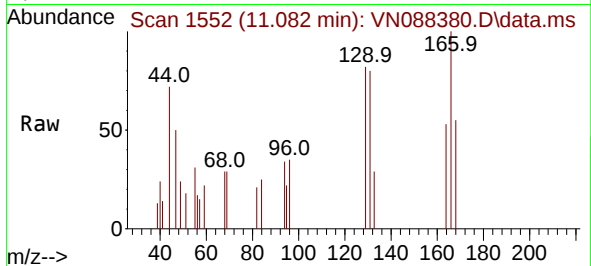




#60
Dibromochloromethane
Concen: 0.406 ug/l
RT: 11.082 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

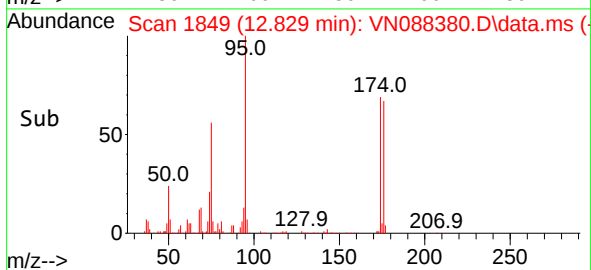
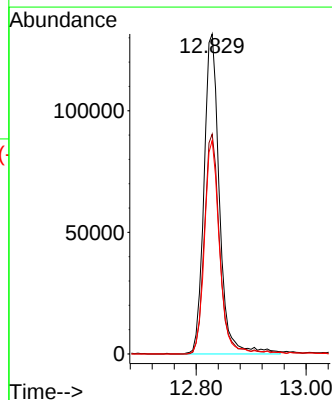
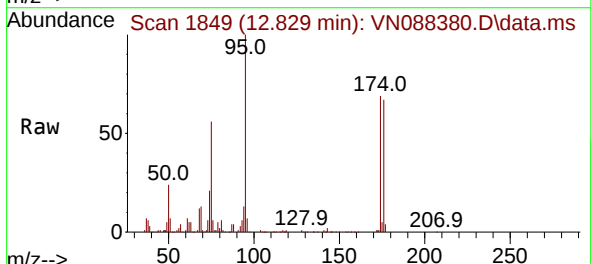
Instrument :
MSVOA_N
ClientSampleId :

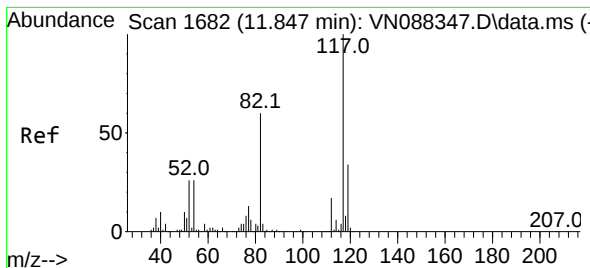
Tgt Ion:129 Resp: 1651
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#



#62
4-Bromofluorobenzene
Concen: 57.008 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 95 Resp: 256527
Ion Ratio Lower Upper
95 100
174 67.8 0.0 139.0
176 65.8 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088380.D

Acq: 01 Dec 2025 14:13

Instrument :

MSVOA_N

ClientSampleId :

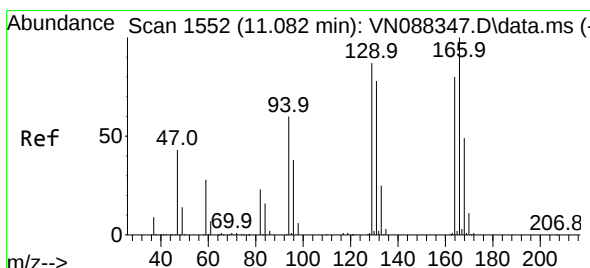
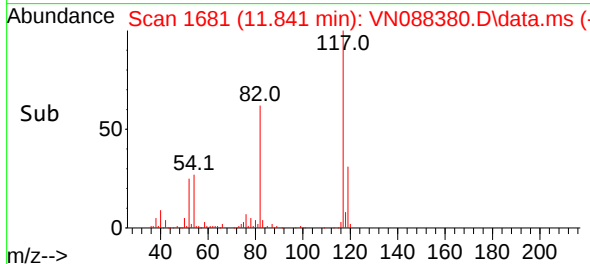
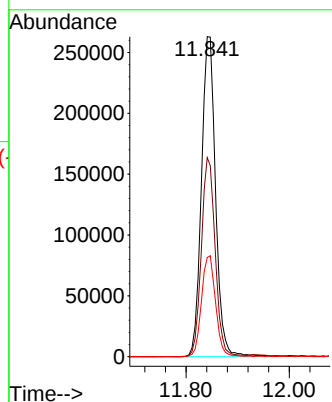
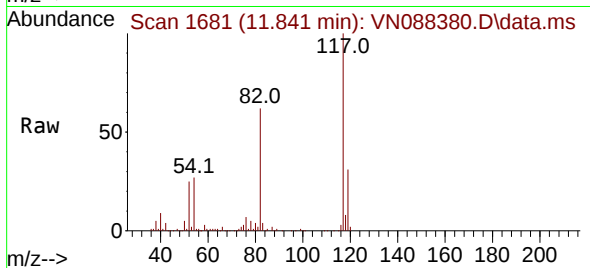
Tgt Ion:117 Resp: 500256

Ion Ratio Lower Upper

117 100

82 62.2 47.8 71.8

119 31.0 26.9 40.3



#64

Tetrachloroethene

Concen: 0.376 ug/l

RT: 11.070 min Scan# 1550

Delta R.T. -0.012 min

Lab File: VN088380.D

Acq: 01 Dec 2025 14:13

Tgt Ion:164 Resp: 1492

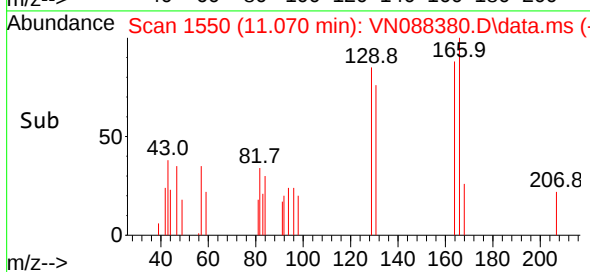
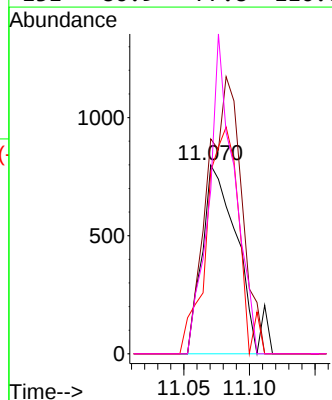
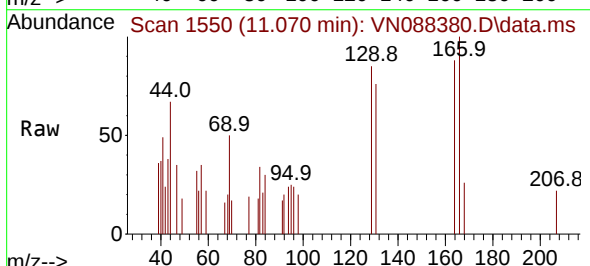
Ion Ratio Lower Upper

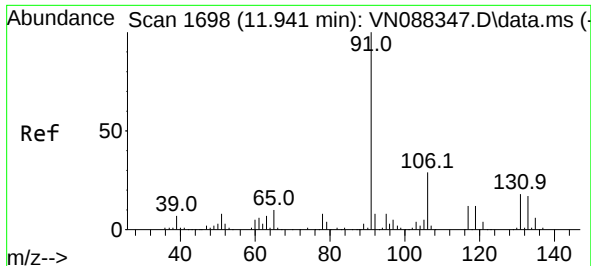
164 100

166 113.9 99.6 149.4

129 96.7 86.6 129.8

131 86.9 77.8 116.6





#67

Ethyl Benzene

Concen: 1.869 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088380.D

Acq: 01 Dec 2025 14:13

Instrument :

MSVOA_N

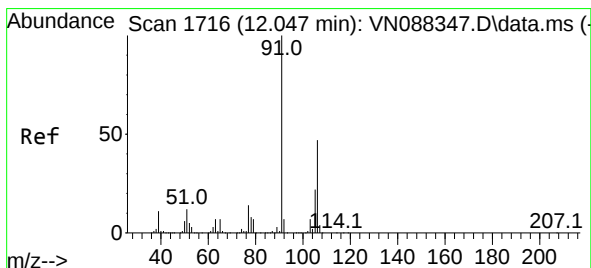
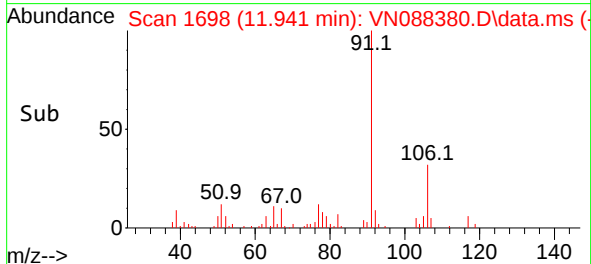
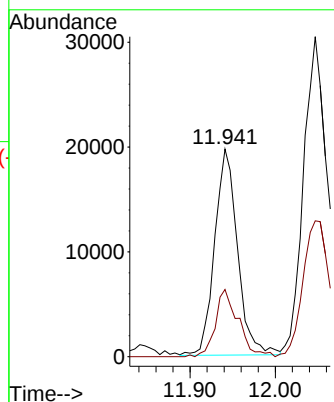
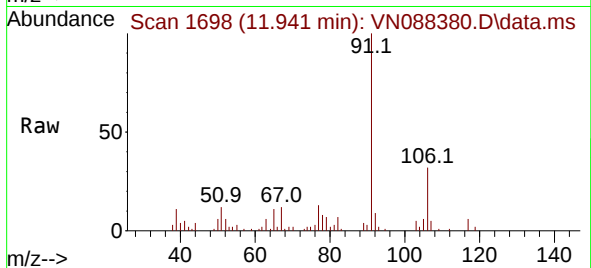
ClientSampleId :

Tgt Ion: 91 Resp: 36714

Ion Ratio Lower Upper

91 100

106 32.7 23.6 35.4



#68

m/p-Xylenes

Concen: 3.919 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN088380.D

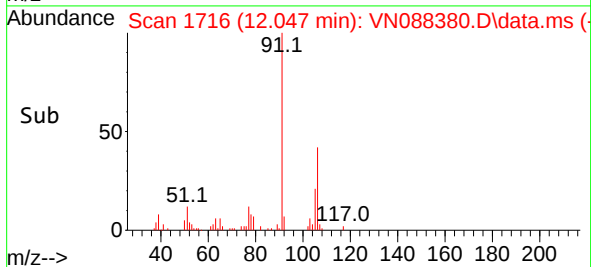
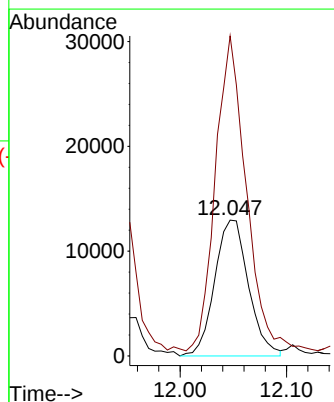
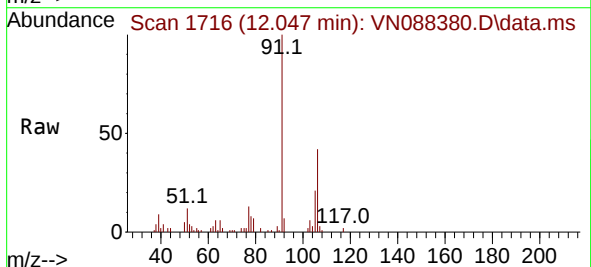
Acq: 01 Dec 2025 14:13

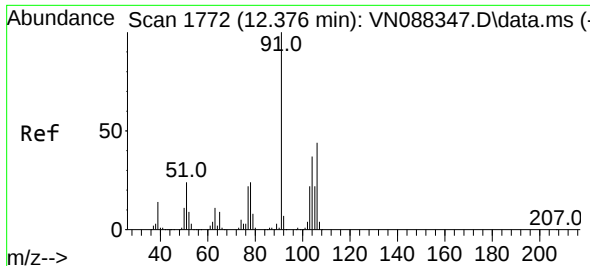
Tgt Ion:106 Resp: 28539

Ion Ratio Lower Upper

106 100

91 212.9 167.8 251.6

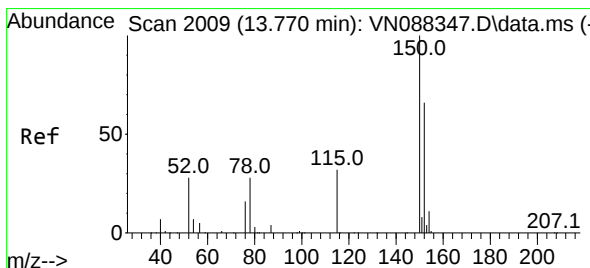
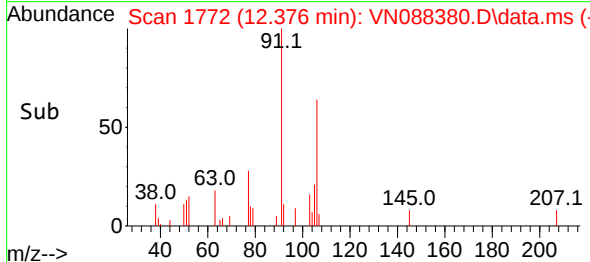
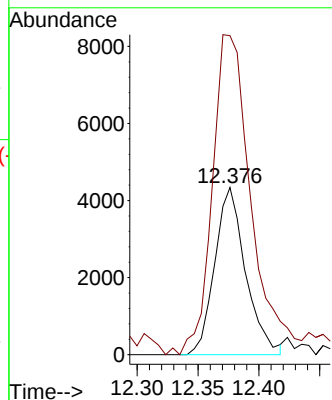
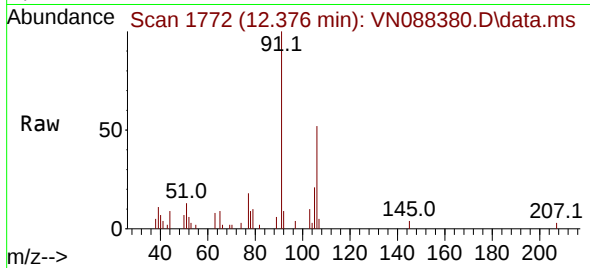




#69
o-Xylene
Concen: 1.103 ug/l
RT: 12.376 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

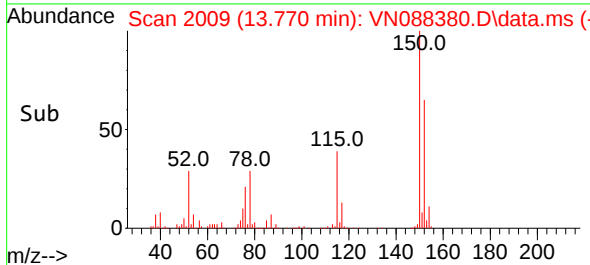
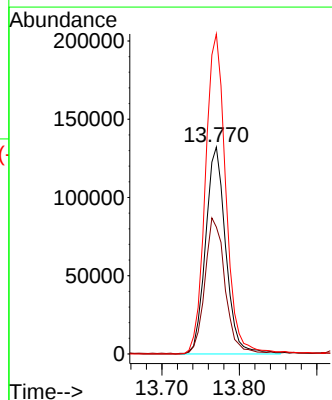
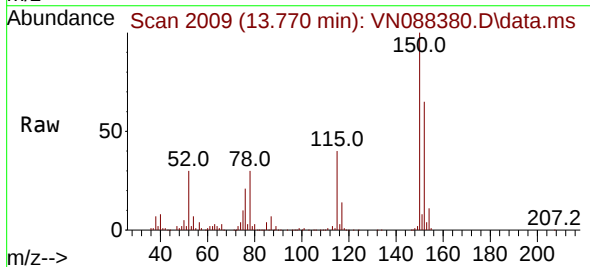
Instrument :
MSVOA_N
ClientSampleId :

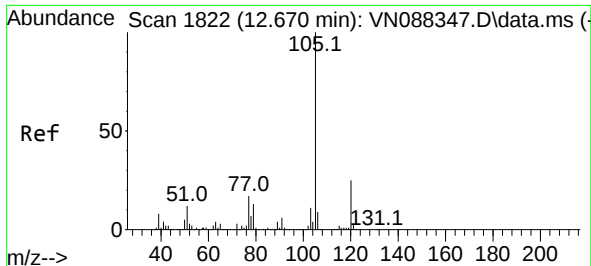
Tgt Ion:106 Resp: 7656
Ion Ratio Lower Upper
106 100
91 239.5 112.9 338.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion:152 Resp: 238931
Ion Ratio Lower Upper
152 100
115 65.8 33.0 98.9
150 157.9 0.0 349.0

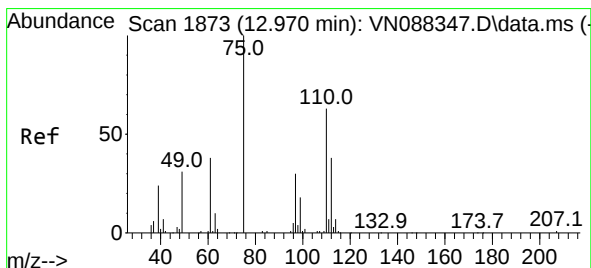
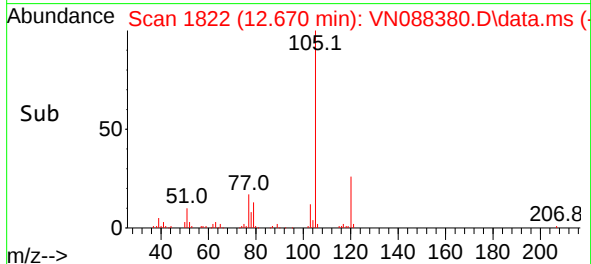
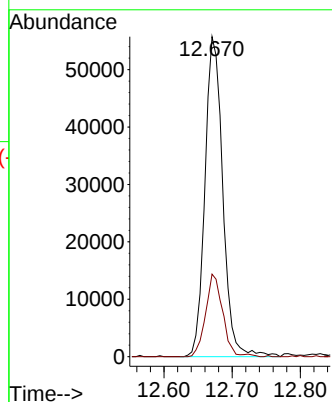
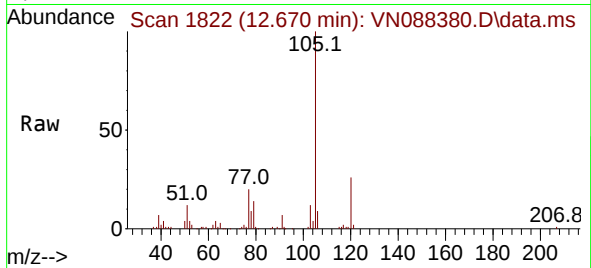




#73
Isopropylbenzene
Concen: 5.747 ug/l
RT: 12.670 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

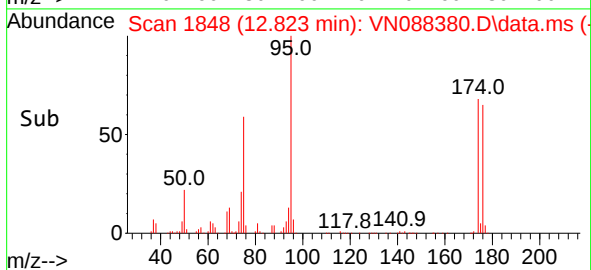
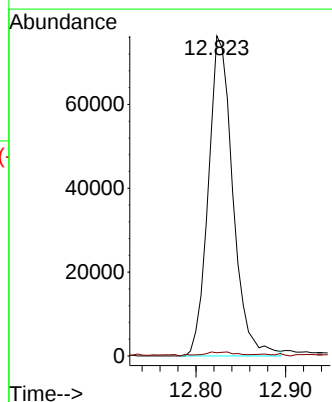
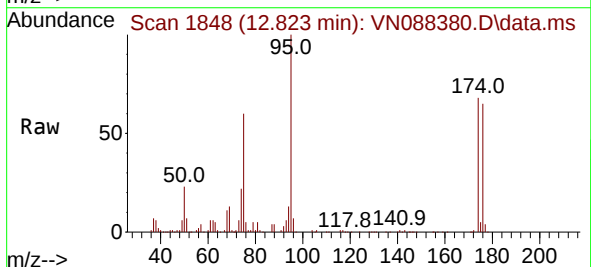
Instrument :
MSVOA_N
ClientSampleId :

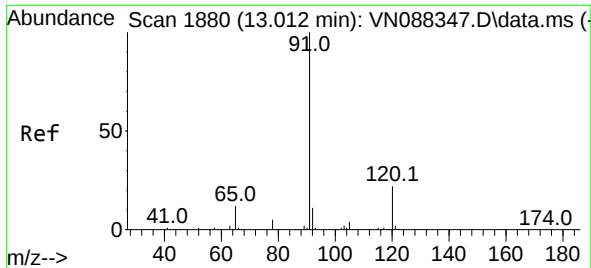
Tgt Ion:105 Resp: 101528
Ion Ratio Lower Upper
105 100
120 24.3 12.8 38.3



#76
1,2,3-Trichloropropane
Concen: 25.853 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.147 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 75 Resp: 144677
Ion Ratio Lower Upper
75 100
77 1.7 87.2 261.6#

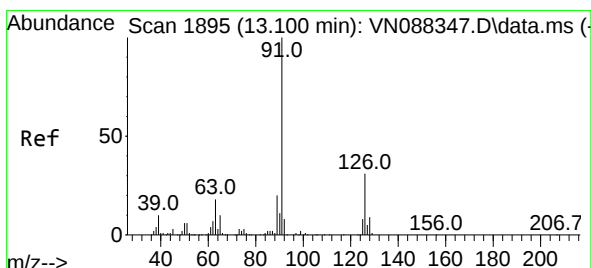
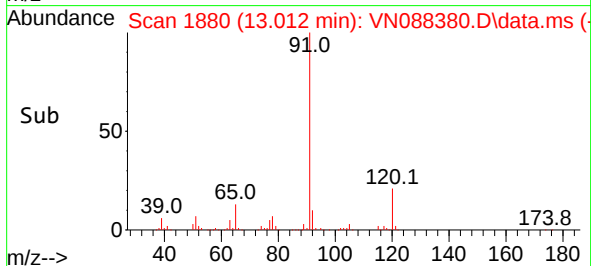
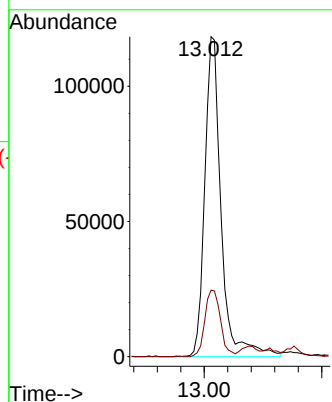
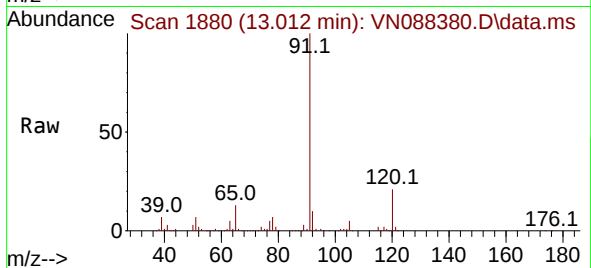




#78
n-propylbenzene
Concen: 10.553 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

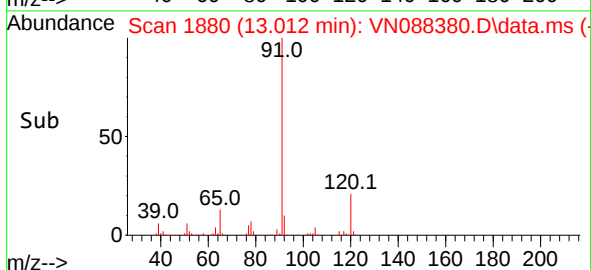
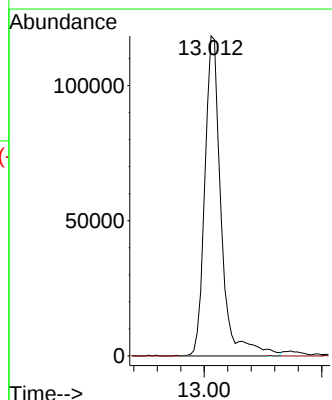
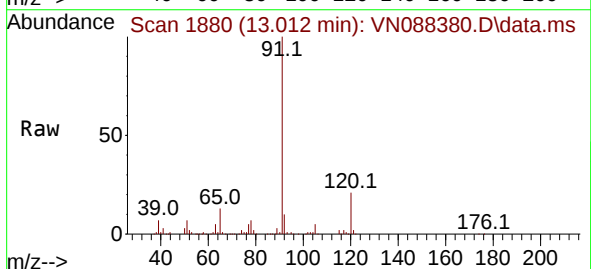
Instrument :
MSVOA_N
ClientSampleId :

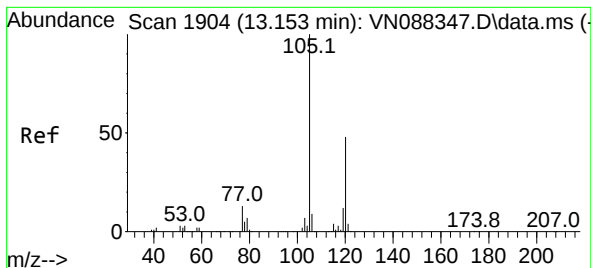
Tgt Ion: 91 Resp: 228078
Ion Ratio Lower Upper
91 100
120 20.0 10.9 32.6



#79
2-Chlorotoluene
Concen: 17.281 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.088 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 91 Resp: 228078
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#

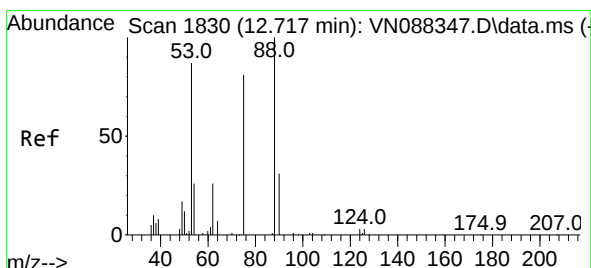
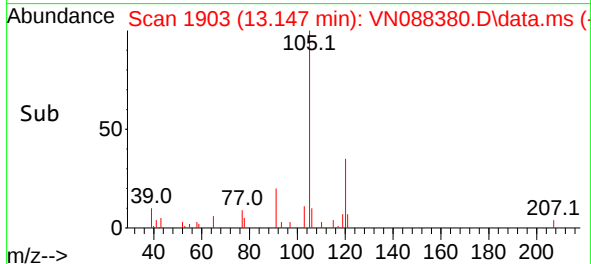
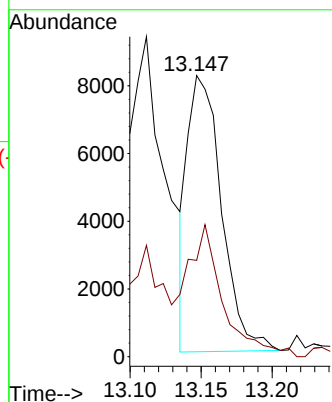
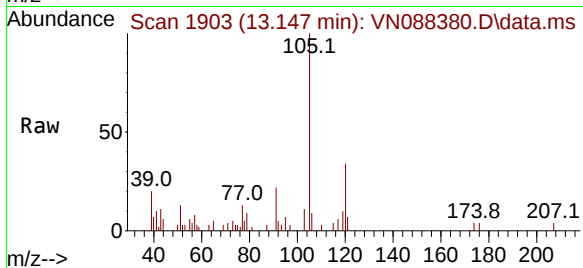




#80
1,3,5-Trimethylbenzene
Concen: 0.927 ug/l
RT: 13.147 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

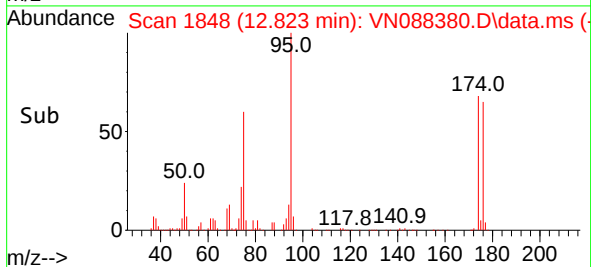
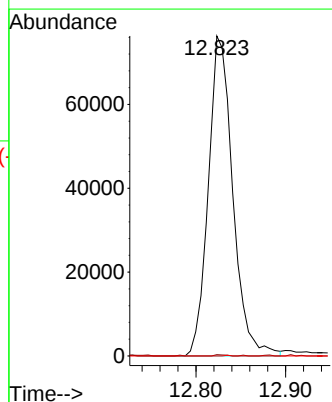
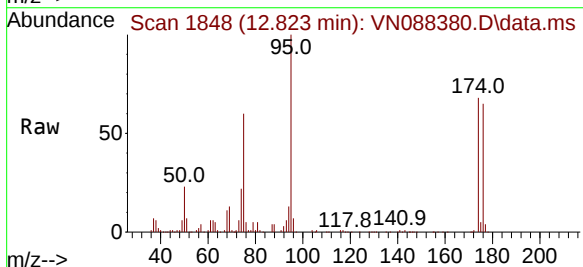
Instrument :
MSVOA_N
ClientSampleId :

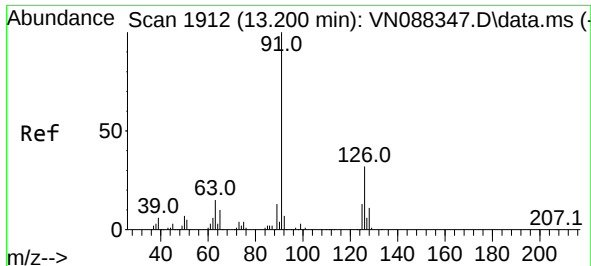
Tgt Ion:105 Resp: 13572
Ion Ratio Lower Upper
105 100
120 51.1 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 73.343 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.106 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 75 Resp: 144677
Ion Ratio Lower Upper
75 100
53 0.2 92.2 138.4#
89 0.0 0.0 0.0

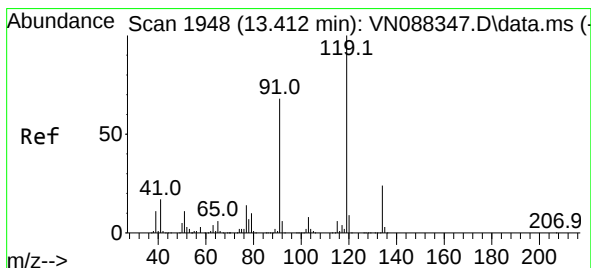
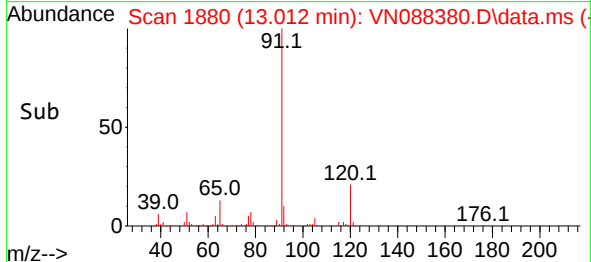
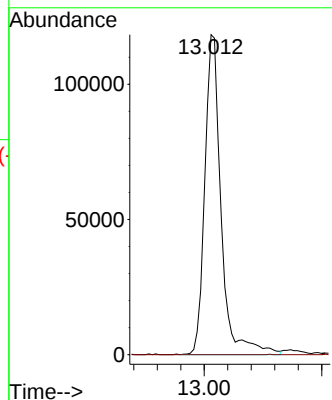
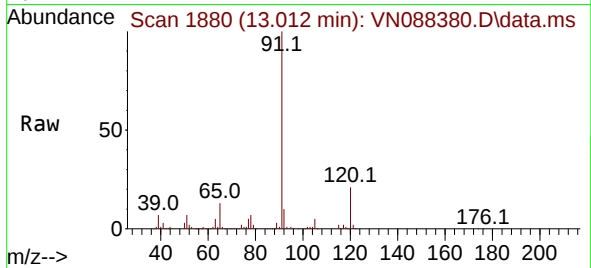




#82
4-Chlorotoluene
Concen: 17.399 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.188 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

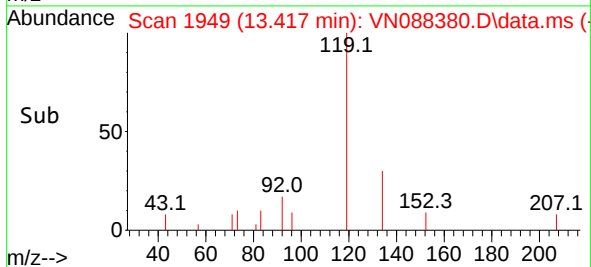
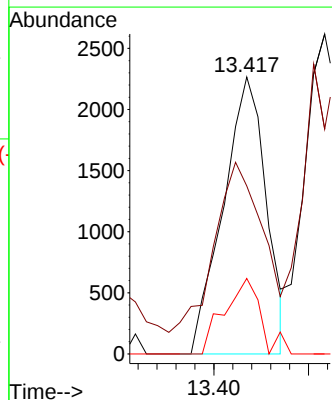
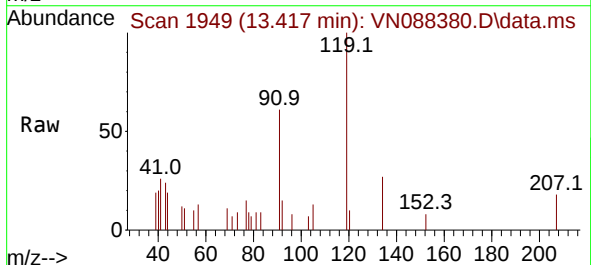
Instrument :
MSVOA_N
ClientSampleId :

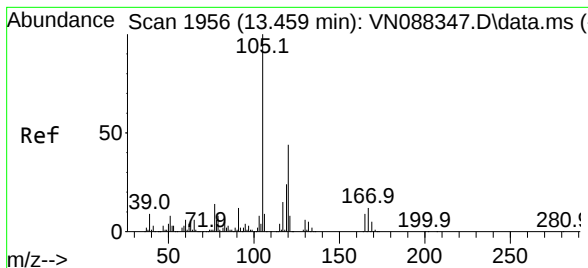
Tgt Ion: 91 Resp: 228078
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



#83
tert-Butylbenzene
Concen: 0.287 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 119 Resp: 3573
Ion Ratio Lower Upper
119 100
91 74.2 35.1 105.3
134 23.2 12.8 38.4

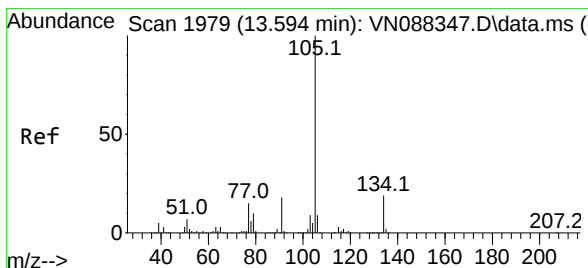
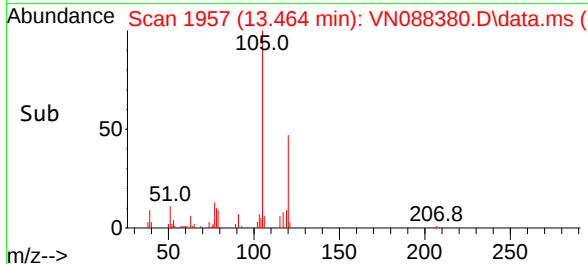
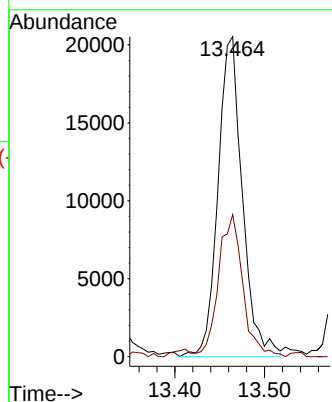
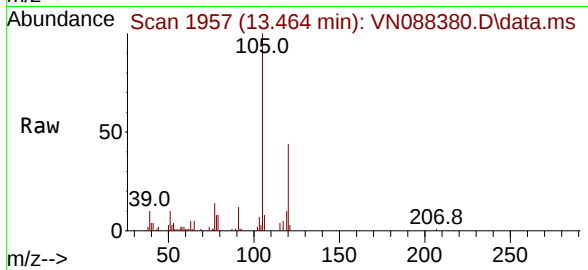




#84
1,2,4-Trimethylbenzene
Concen: 2.656 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

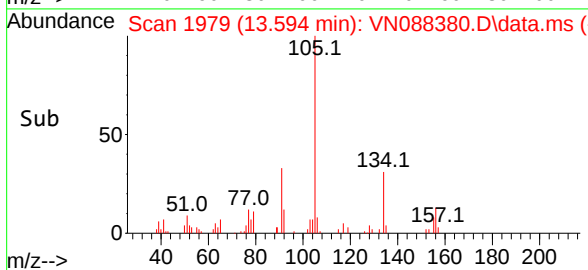
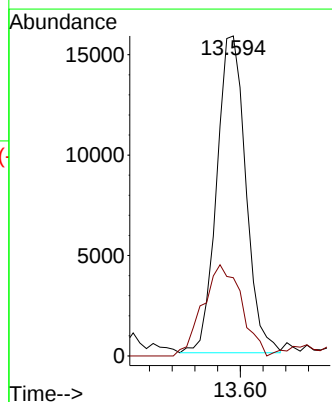
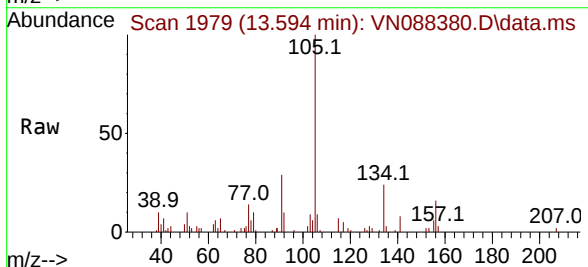
Instrument :
MSVOA_N
ClientSampleId :

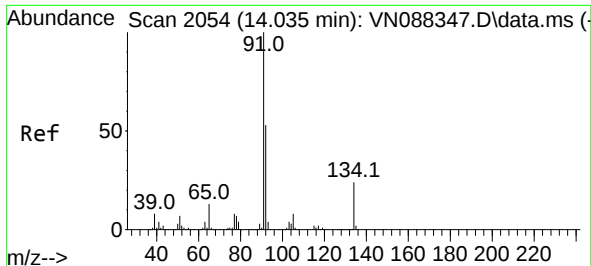
Tgt Ion:105 Resp: 38649
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1



#85
sec-Butylbenzene
Concen: 1.568 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

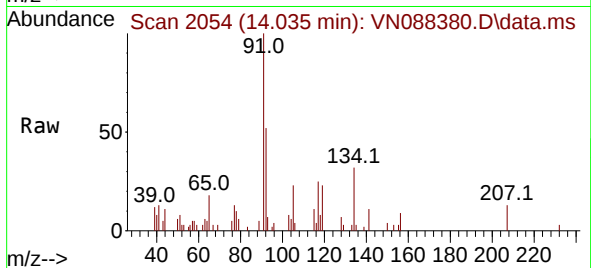
Tgt Ion:105 Resp: 28024
Ion Ratio Lower Upper
105 100
134 38.3 9.5 28.5#



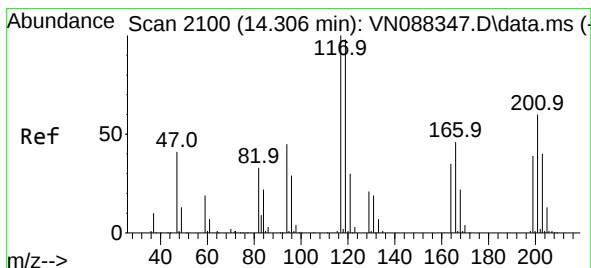
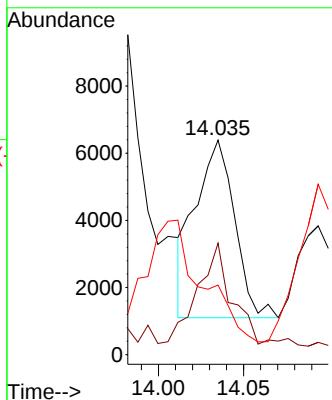


#89
n-Butylbenzene
Concen: 0.596 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :

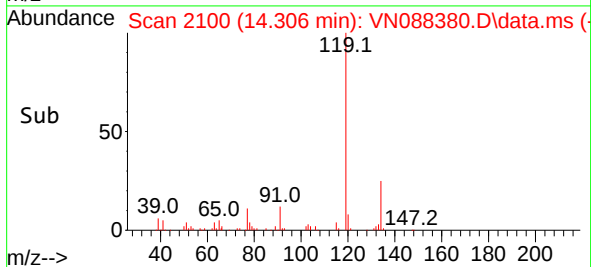
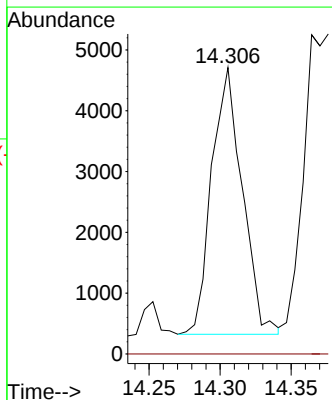
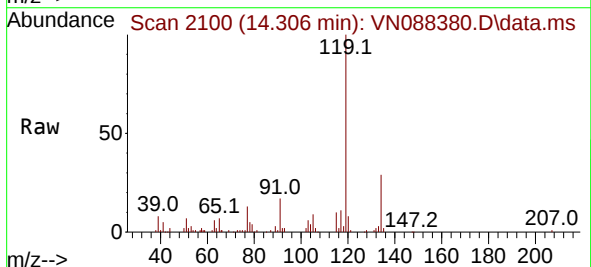


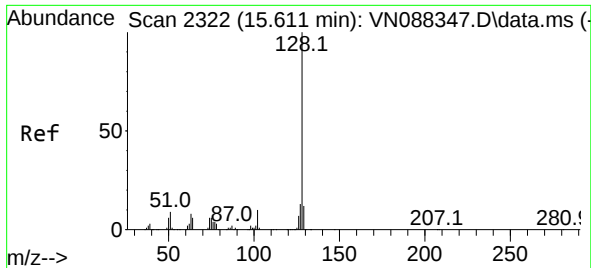
Tgt Ion: 91 Resp: 8486
Ion Ratio Lower Upper
91 100
92 51.0 26.1 78.3
134 0.0 11.7 35.1#



#90
Hexachloroethane
Concen: 2.460 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN088380.D
Acq: 01 Dec 2025 14:13

Tgt Ion: 117 Resp: 6588
Ion Ratio Lower Upper
117 100
201 0.0 30.3 90.9#





#95

Naphthalene

Concen: 2.962 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

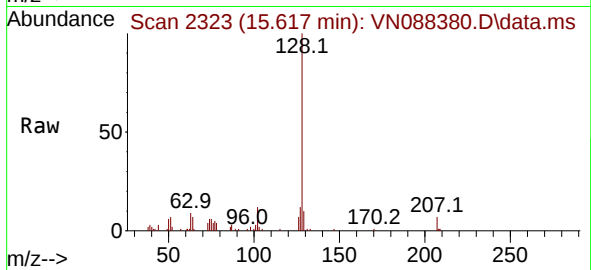
Lab File: VN088380.D

Acq: 01 Dec 2025 14:13

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	45158
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.4	15.6
129	11.2	9.0	13.6

