

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045269.D
 Acq On : 13 Mar 2025 15:10
 Operator : JC/MD
 Sample : Q1559-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20250310

Quant Time: Mar 14 12:28:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

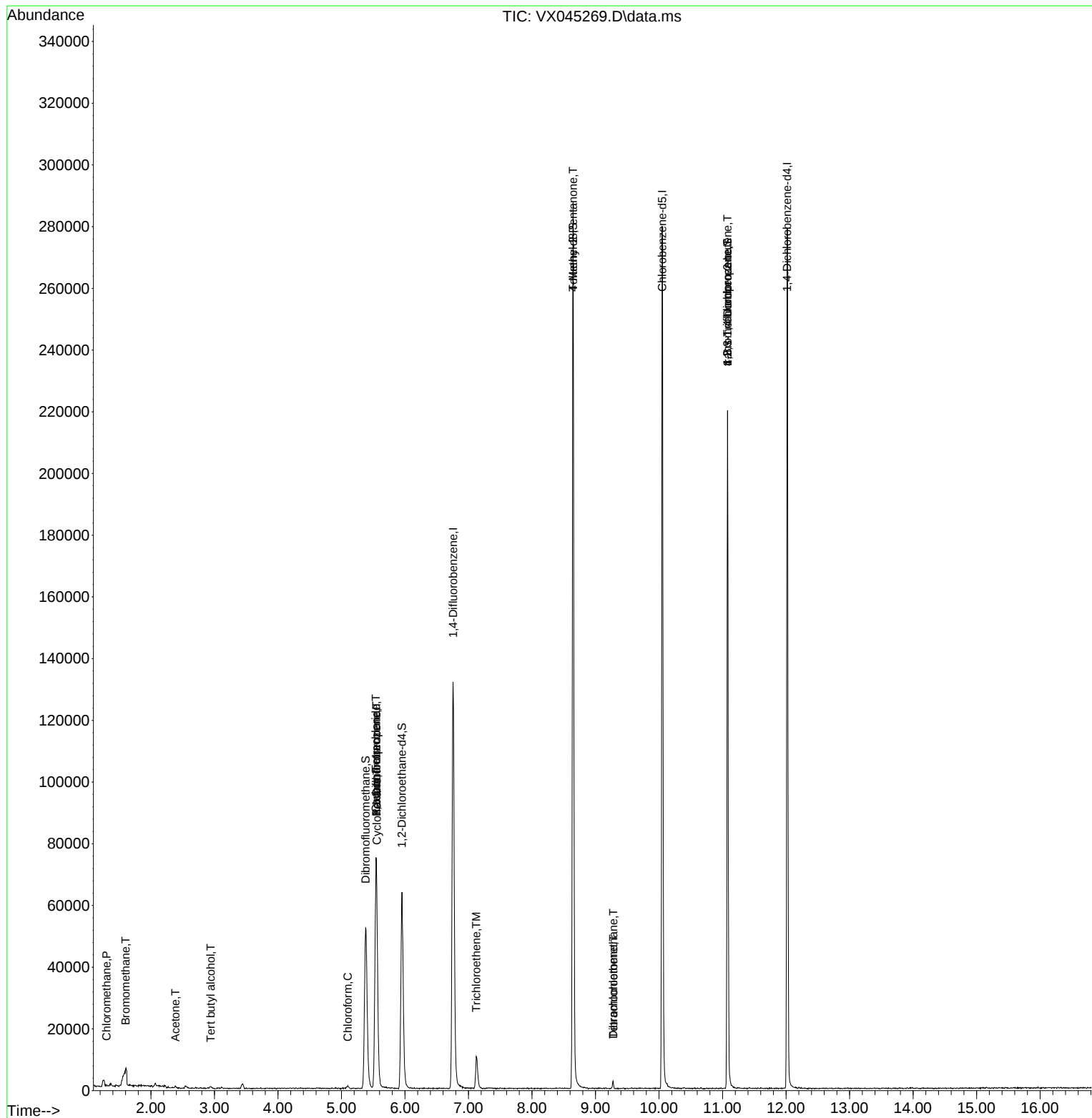
Internal Standards						
1) Pentafluorobenzene	5.550	168	66880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57782	54.315	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.640%	
35) Dibromofluoromethane	5.379	113	45842	51.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.920%	
50) Toluene-d8	8.647	98	162181	50.708	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	11.079	95	55641	52.500	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	239	0.232	ug/l	97
5) Bromomethane	1.599	94	95	0.236	ug/l #	3
11) Tert butyl alcohol	2.940	59	206	1.022	ug/l #	73
16) Acetone	2.386	43	758	1.536	ug/l #	77
30) Chloroform	5.099	83	849	0.512	ug/l #	74
31) Cyclohexane	5.556	56	1871	1.293	ug/l #	66
36) 1,1-Dichloropropene	5.550	75	6076	5.022	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7640	6.220	ug/l #	16
44) Trichloroethene	7.123	130	4200	4.682	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	807	0.521	ug/l #	1
60) Dibromochloromethane	9.281	129	326	0.338	ug/l #	11
64) Tetrachloroethene	9.281	164	310	0.400	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	30680	25.490	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30680	87.230	ug/l #	6

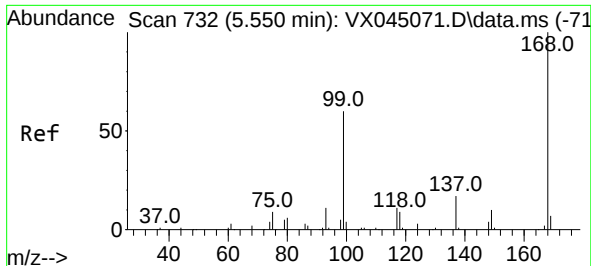
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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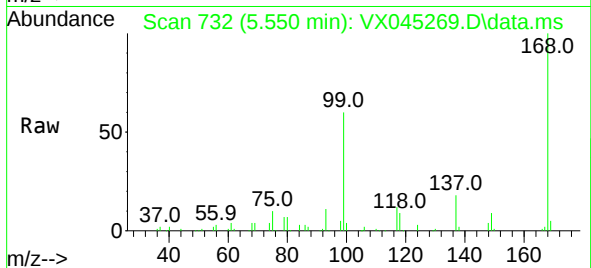
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



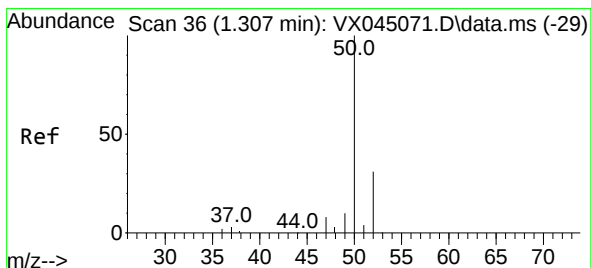
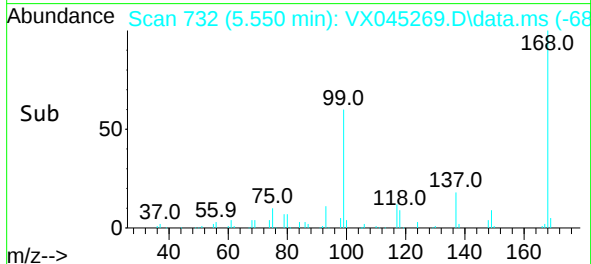
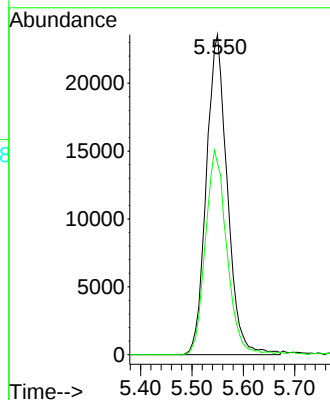


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

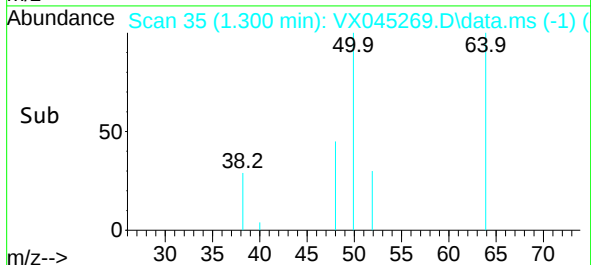
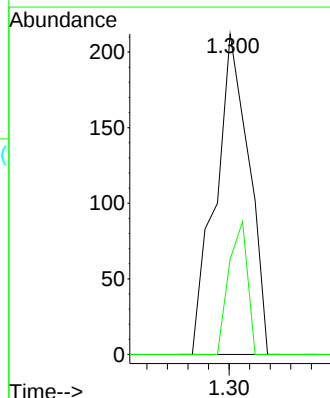
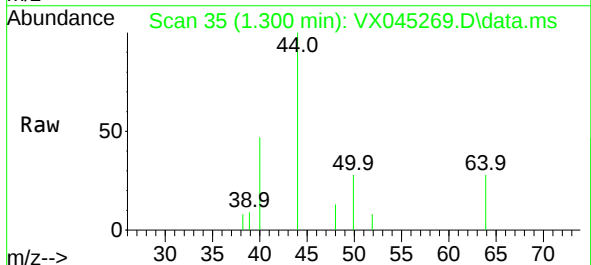


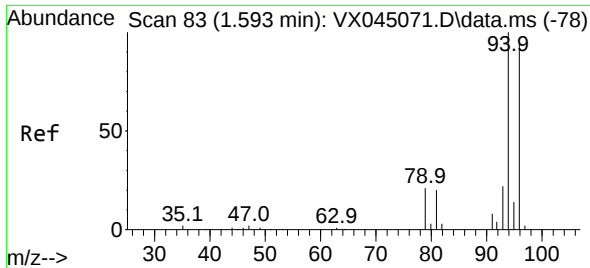
Tgt Ion:168 Resp: 66880
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Tgt Ion: 50 Resp: 239
Ion Ratio Lower Upper
50 100
52 29.7 25.0 37.4

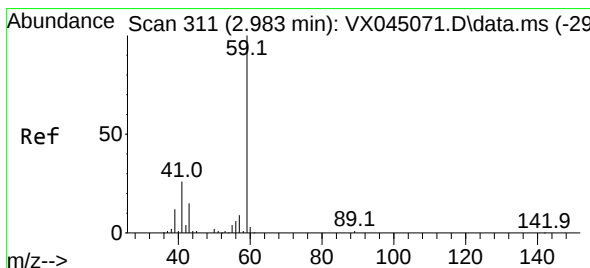
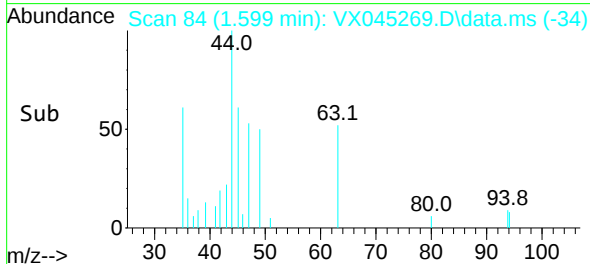
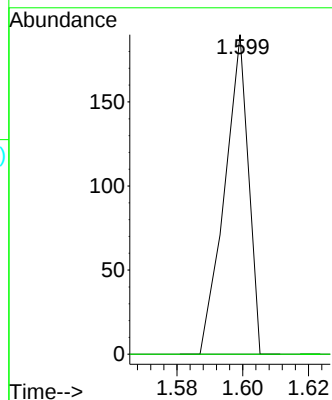
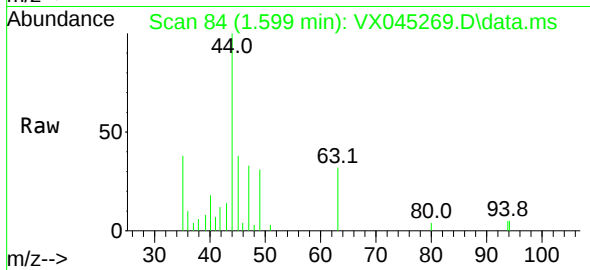




#5
Bromomethane
Concen: 0.236 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

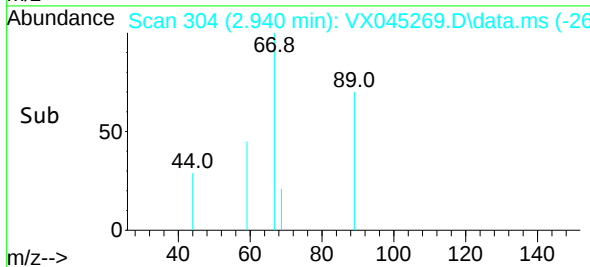
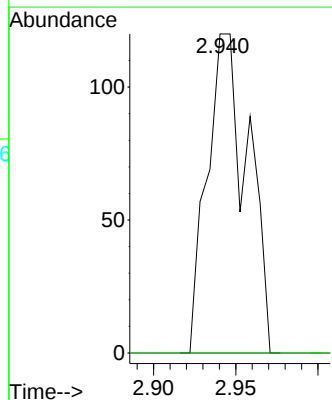
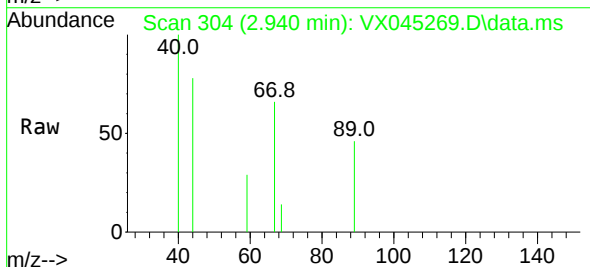
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

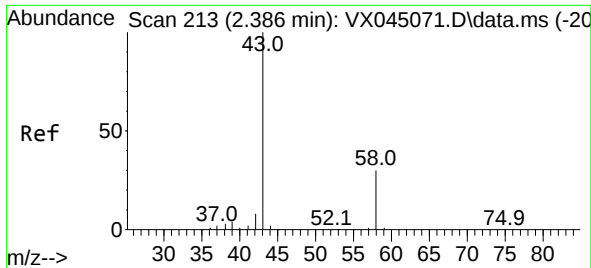
Tgt Ion: 94 Resp: 95
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#



#11
Tert butyl alcohol
Concen: 1.022 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

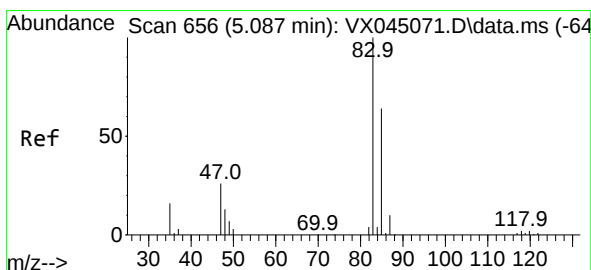
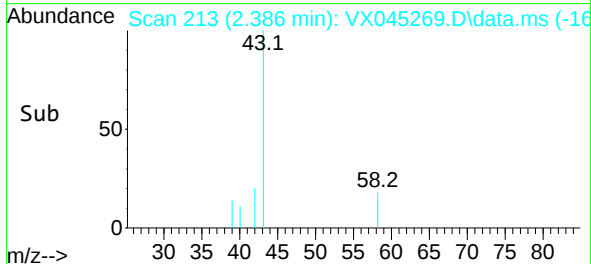
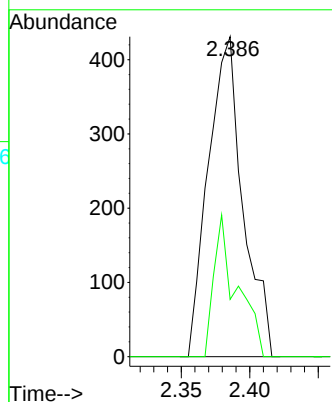
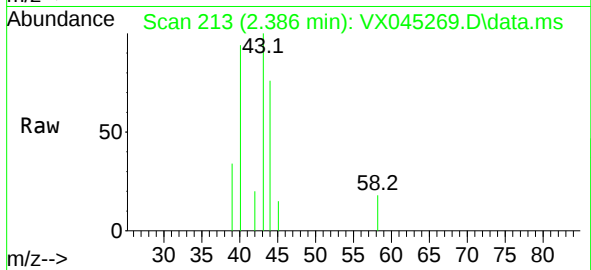




#16
Acetone
Concen: 1.536 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

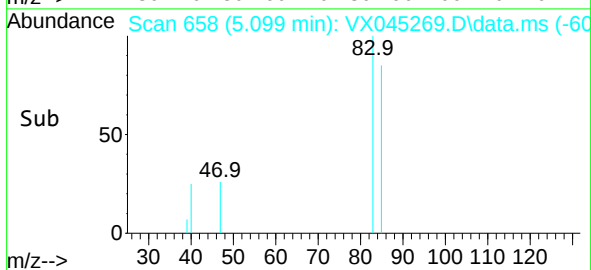
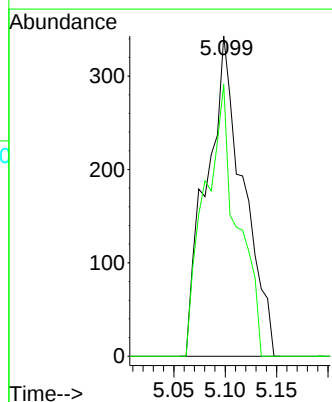
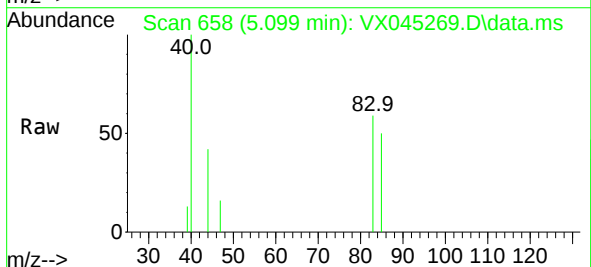
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

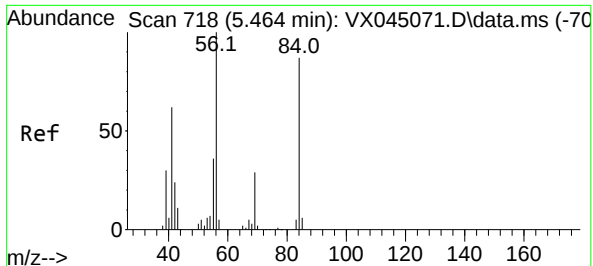
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 17.9 24.2 36.4#



#30
Chloroform
Concen: 0.512 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

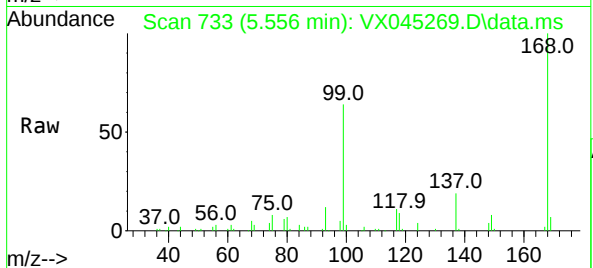
Tgt Ion: 83 Resp: 849
Ion Ratio Lower Upper
83 100
85 84.8 51.4 77.2#



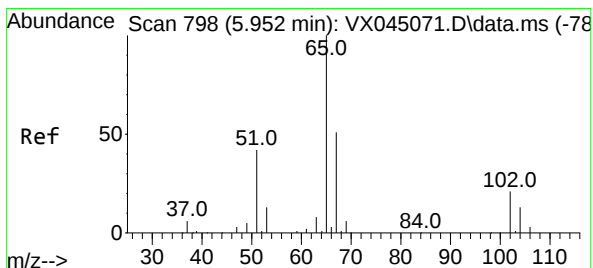
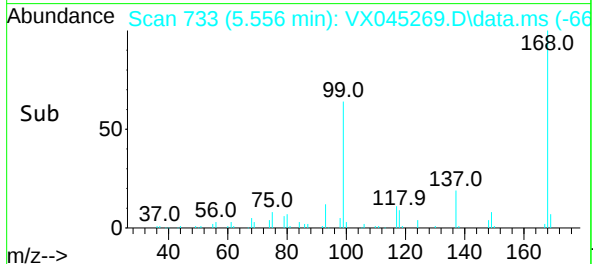
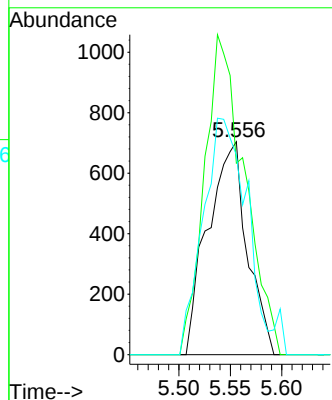


#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

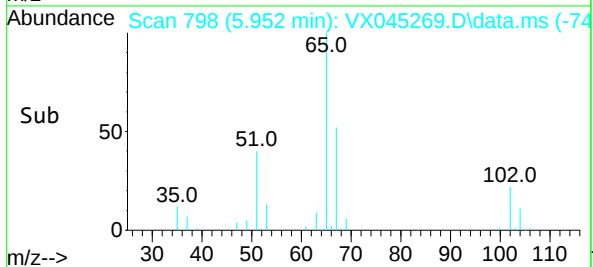
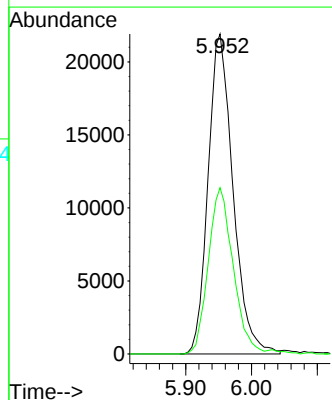
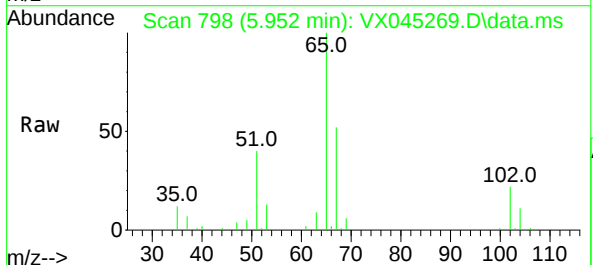


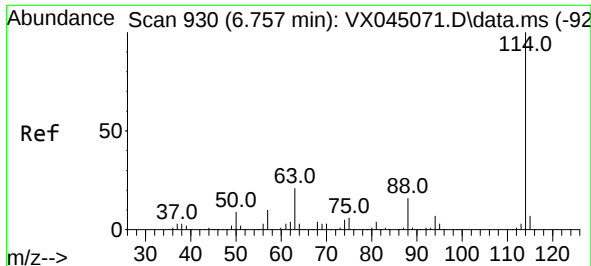
Tgt Ion: 56 Resp: 1871
Ion Ratio Lower Upper
56 100
69 89.9 23.4 35.2#
84 93.8 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 54.315 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Tgt Ion: 65 Resp: 57782
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2

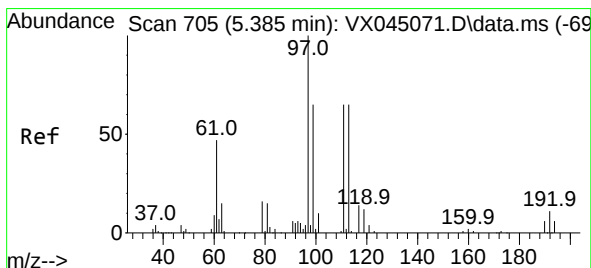
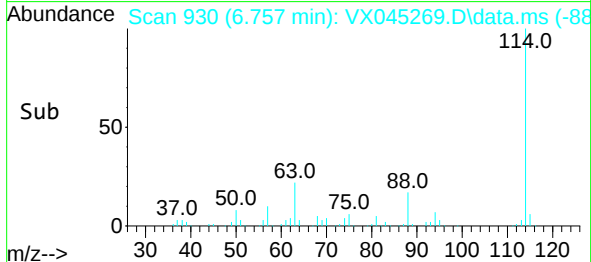
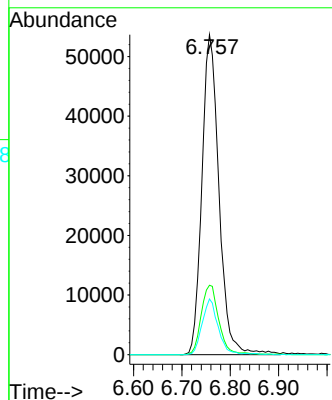
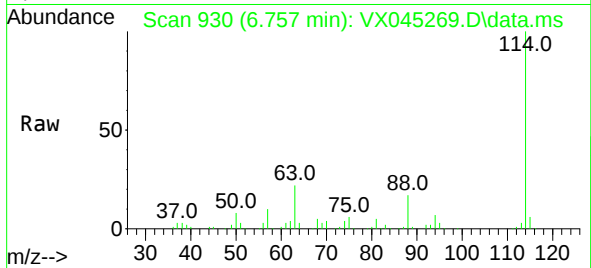




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045269.D
 Acq: 13 Mar 2025 15:10

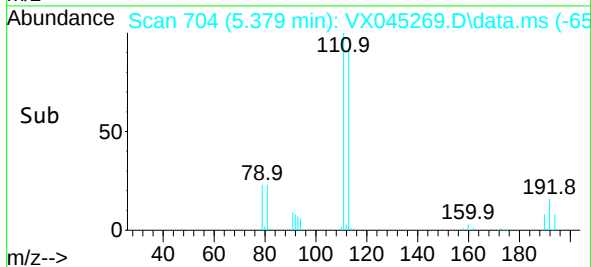
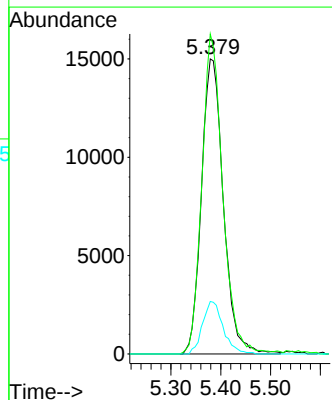
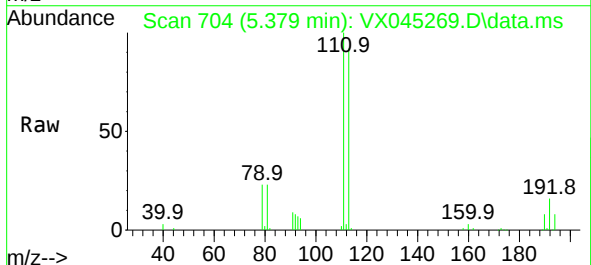
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20250310

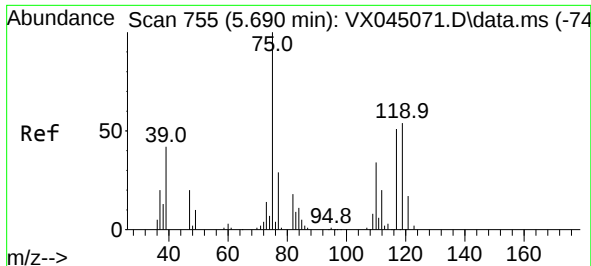
Tgt Ion:114 Resp: 131935
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.8
 88 17.4 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 51.962 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX045269.D
 Acq: 13 Mar 2025 15:10

Tgt Ion:113 Resp: 45842
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 16.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.022 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045269.D

Acq: 13 Mar 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20250310

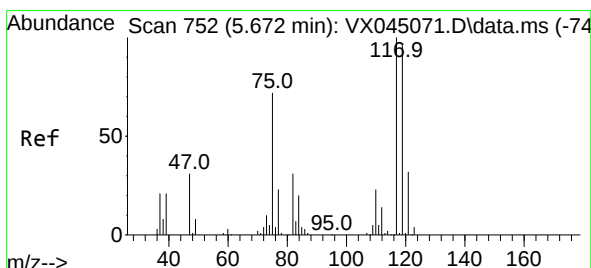
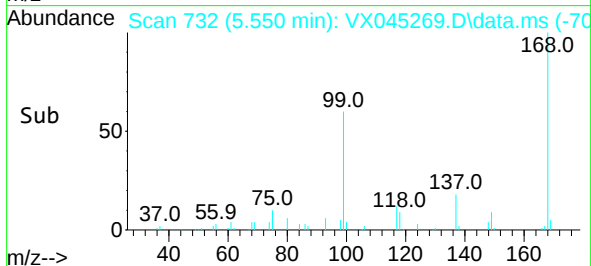
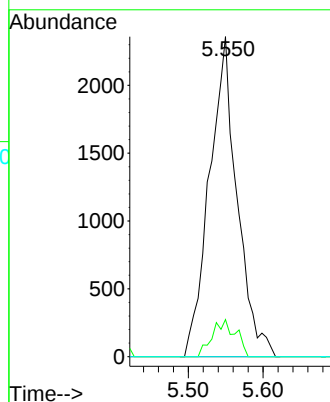
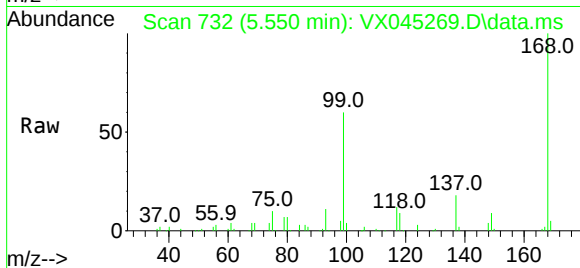
Tgt Ion: 75 Resp: 6076

Ion Ratio Lower Upper

75 100

110 9.8 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.220 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045269.D

Acq: 13 Mar 2025 15:10

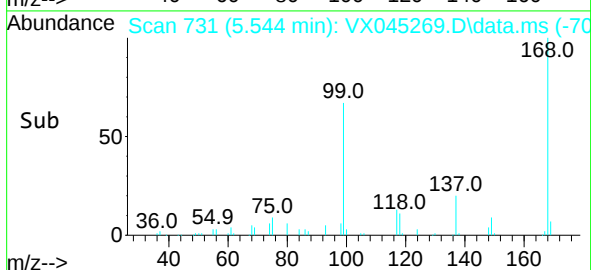
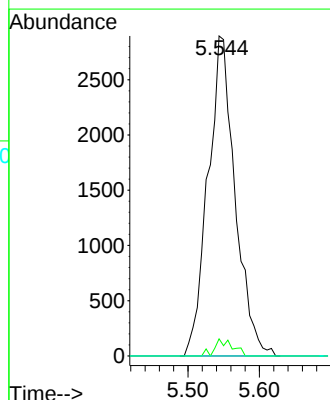
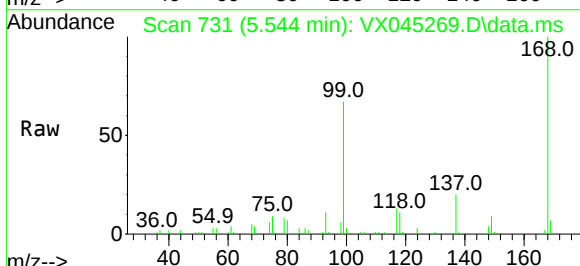
Tgt Ion: 117 Resp: 7640

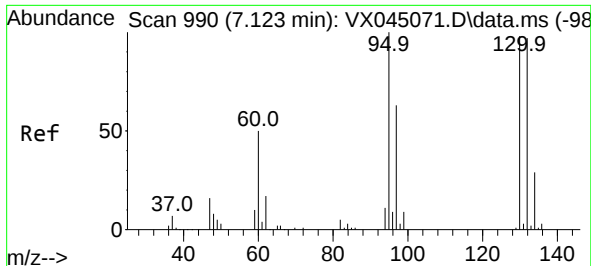
Ion Ratio Lower Upper

117 100

119 5.4 76.7 115.1#

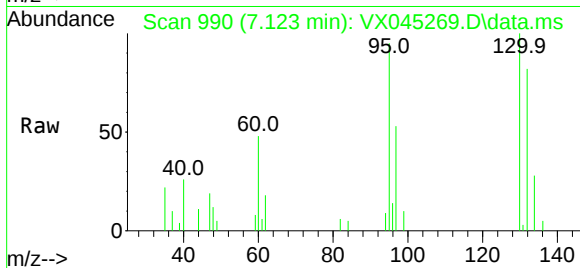
121 0.0 25.5 38.3#



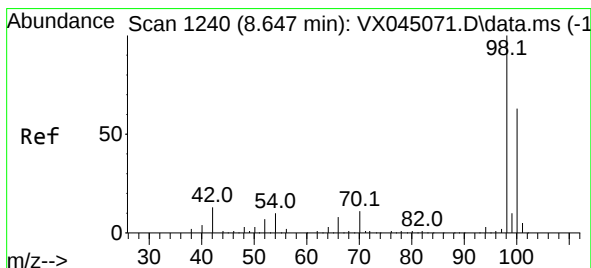
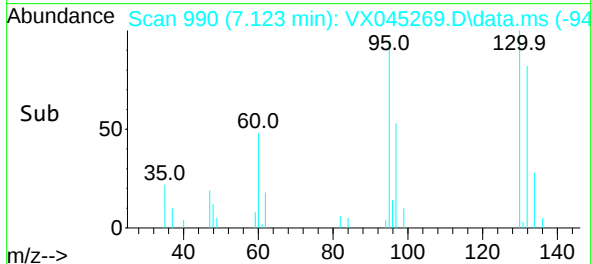
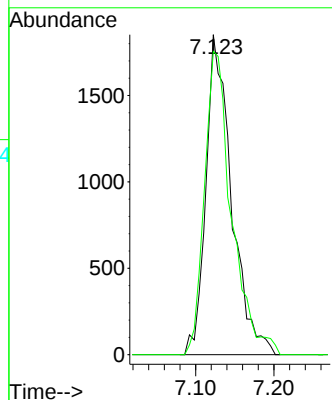


#44
Trichloroethene
Concen: 4.682 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

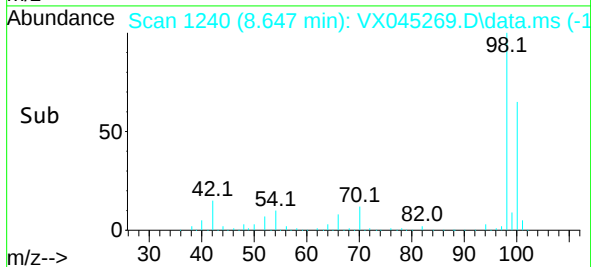
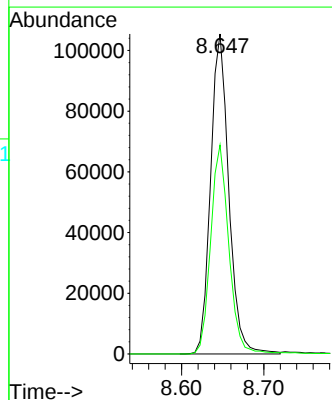
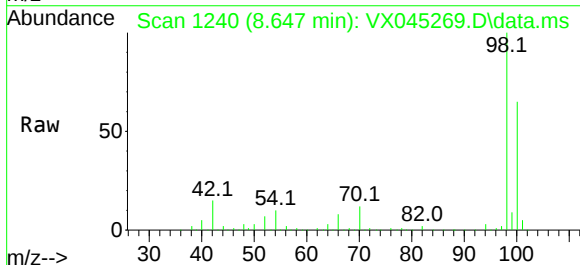


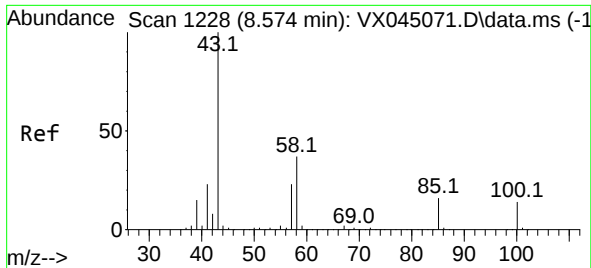
Tgt Ion:130 Resp: 4200
Ion Ratio Lower Upper
130 100
95 94.8 0.0 205.0



#50
Toluene-d8
Concen: 50.708 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Tgt Ion: 98 Resp: 162181
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

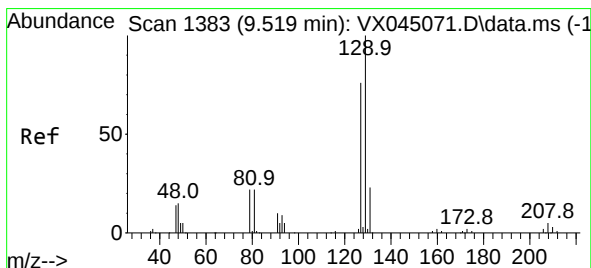
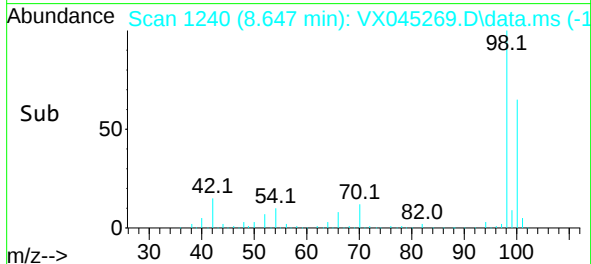
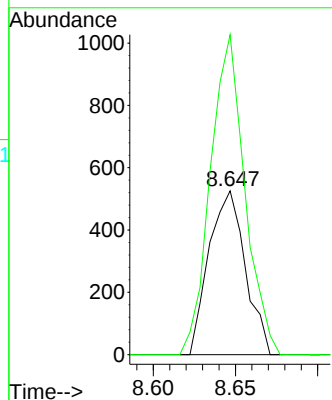
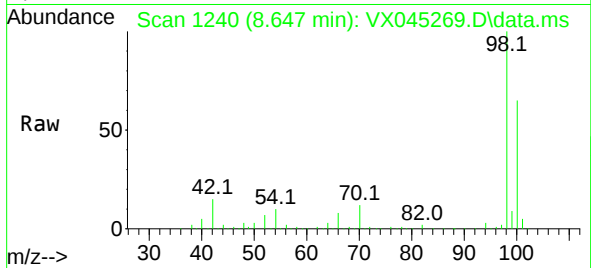




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

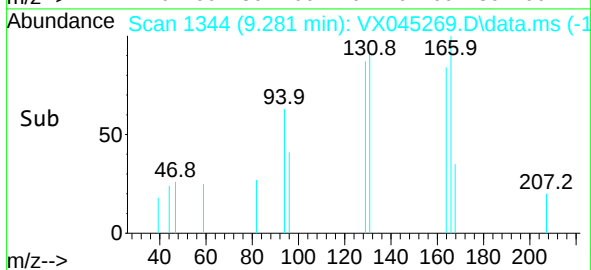
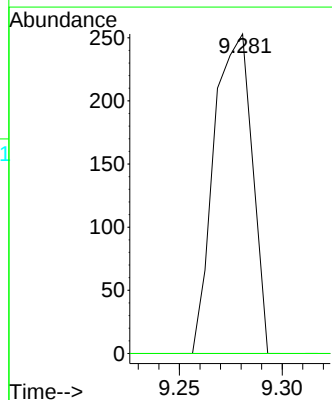
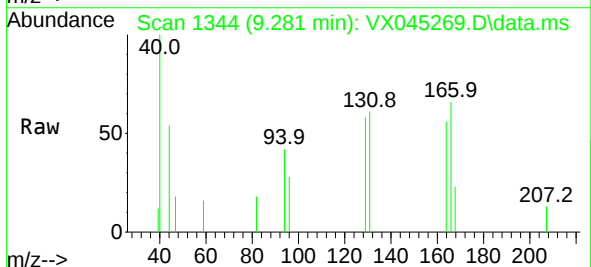
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

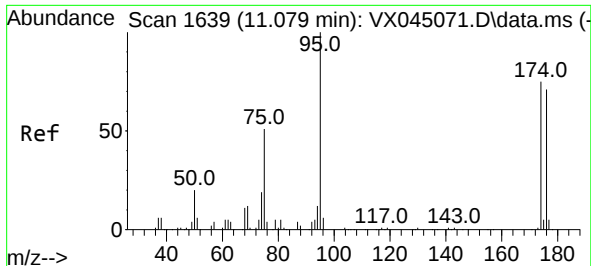
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 185.3 29.2 43.8#



#60
Dibromochloromethane
Concen: 0.338 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.238 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Tgt Ion: 129 Resp: 326
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

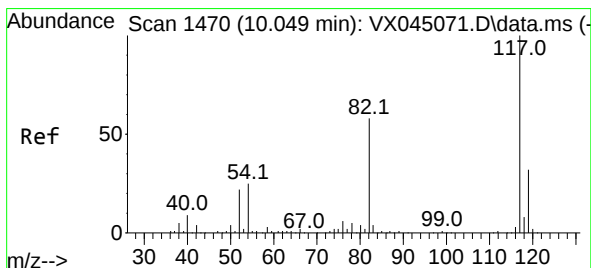
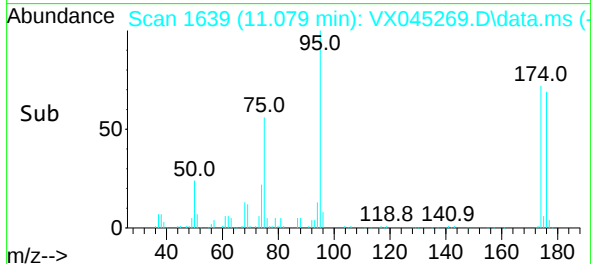
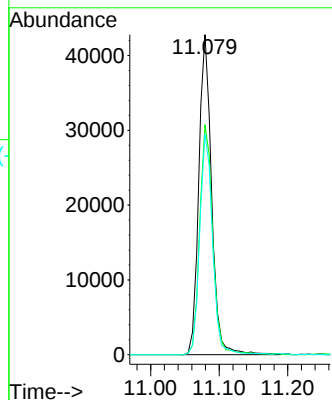
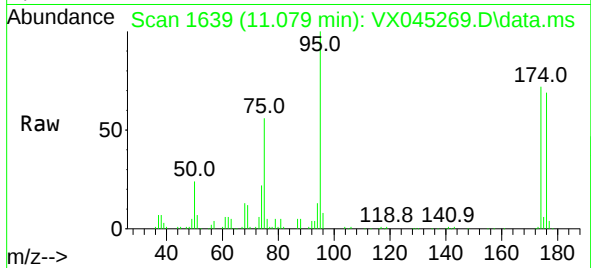




#62
4-Bromofluorobenzene
Concen: 52.500 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

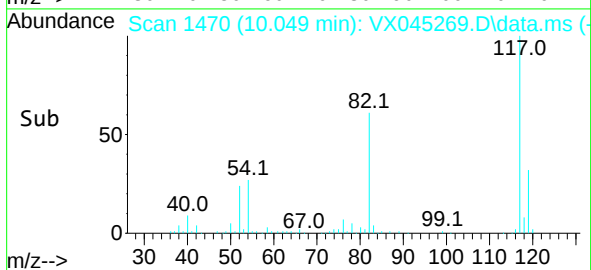
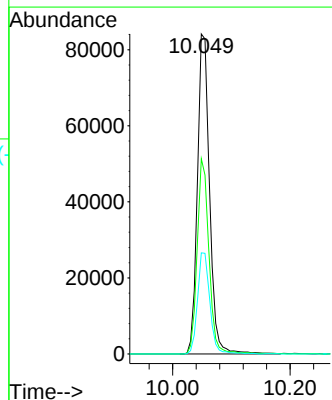
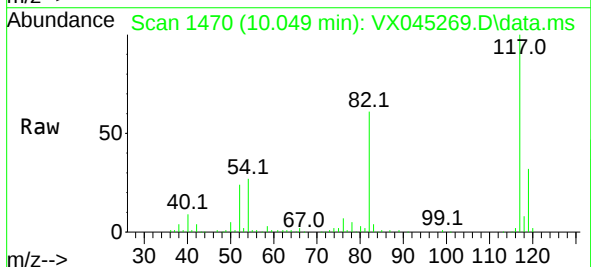
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

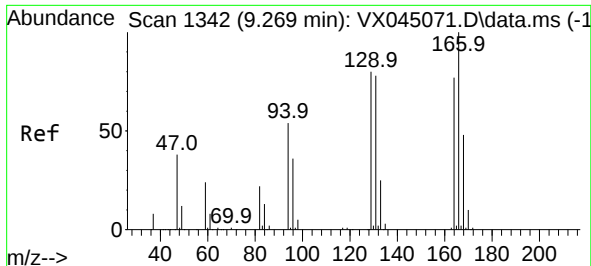
Tgt Ion: 95 Resp: 55641
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.2
176 69.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

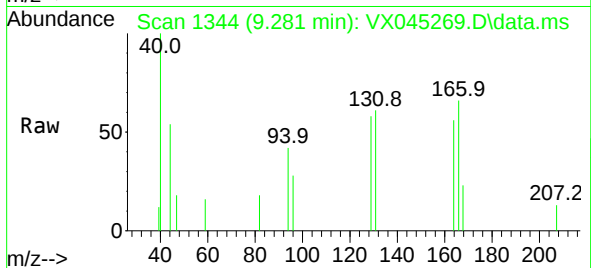
Tgt Ion: 117 Resp: 120933
Ion Ratio Lower Upper
117 100
82 61.0 46.3 69.5
119 31.6 25.7 38.5



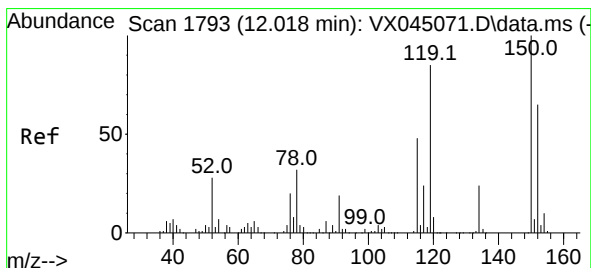
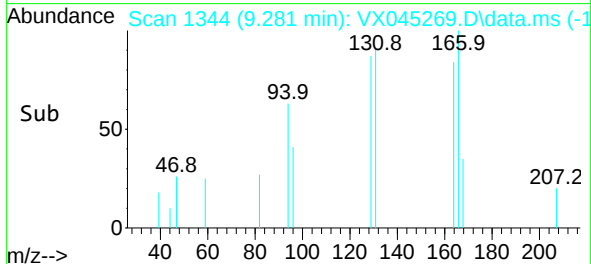
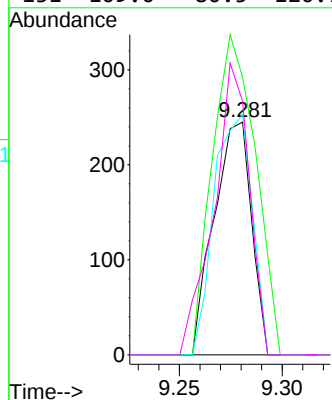


#64
Tetrachloroethene
Concen: 0.400 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

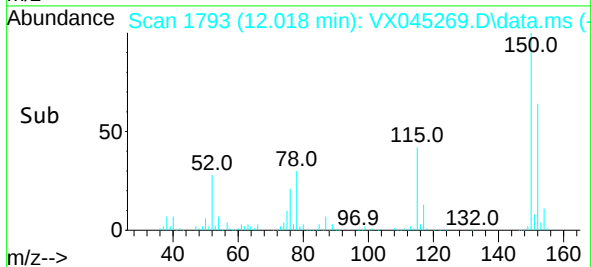
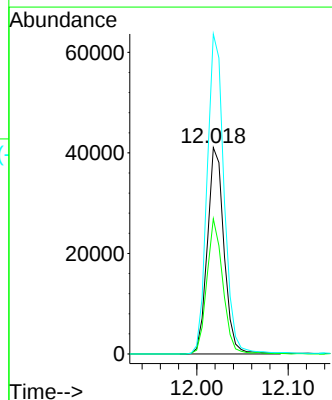
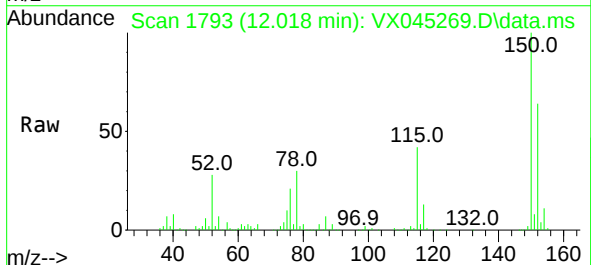


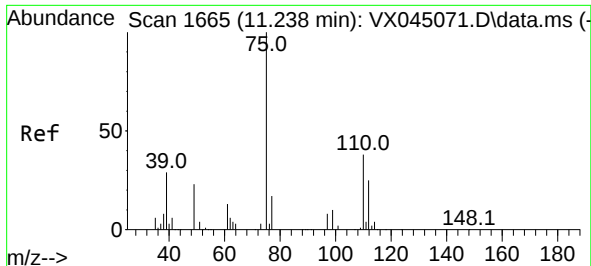
Tgt Ion:164 Resp: 310
Ion Ratio Lower Upper
164 100
166 119.2 103.6 155.4
129 103.3 82.7 124.1
131 109.0 80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Tgt Ion:152 Resp: 51713
Ion Ratio Lower Upper
152 100
115 63.1 44.2 132.6
150 157.9 0.0 349.0

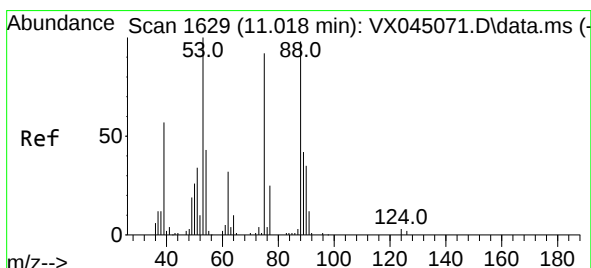
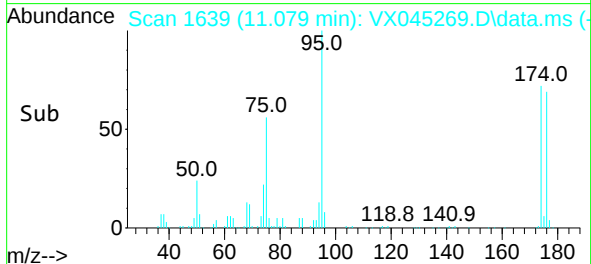
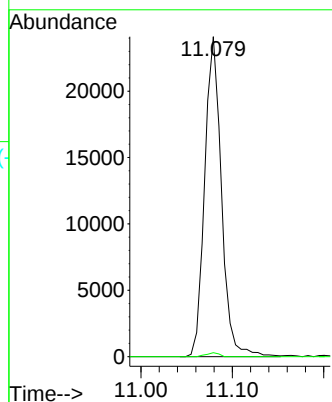
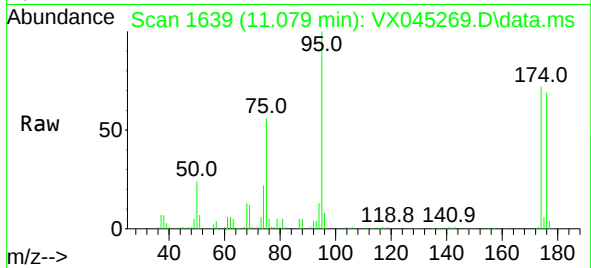




#76
1,2,3-Trichloropropane
Concen: 25.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

Tgt Ion: 75 Resp: 30680
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.230 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Tgt Ion: 75 Resp: 30680
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

