

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045388.D
 Acq On : 21 Mar 2025 15:14
 Operator : JC/MD
 Sample : Q1582-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20250313

Quant Time: Mar 21 23:16:27 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)

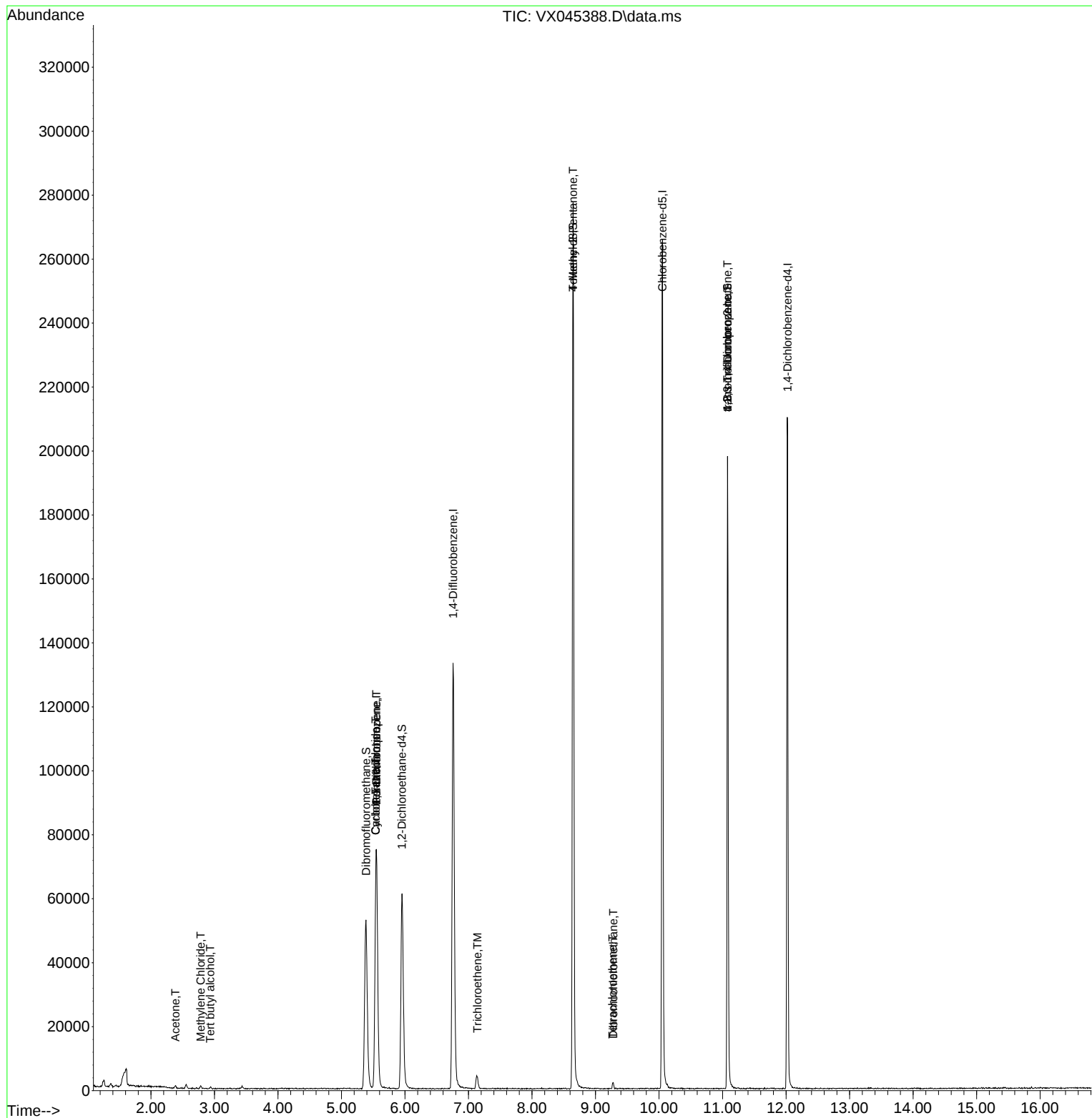
Internal Standards						
1) Pentafluorobenzene	5.550	168	66994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58910	55.281	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.560%
35) Dibromofluoromethane	5.385	113	45756	52.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.540%
50) Toluene-d8	8.647	98	159091	50.613	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	11.079	95	49513	47.536	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	60	0.297	ug/l #	73
16) Acetone	2.386	43	923	1.867	ug/l	96
20) Methylene Chloride	2.782	84	391	0.399	ug/l	94
31) Cyclohexane	5.537	56	1913	1.319	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	6315	5.311	ug/l #	50
38) Carbon Tetrachloride	5.537	117	7460	6.180	ug/l #	14
44) Trichloroethene	7.141	130	1740	1.974	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	771	0.507	ug/l #	1
60) Dibromochloromethane	9.281	129	442	0.466	ug/l #	11
64) Tetrachloroethene	9.268	164	393	0.534	ug/l #	91
76) 1,2,3-Trichloropropane	11.079	75	28458	29.590	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	28458	101.262	ug/l #	6

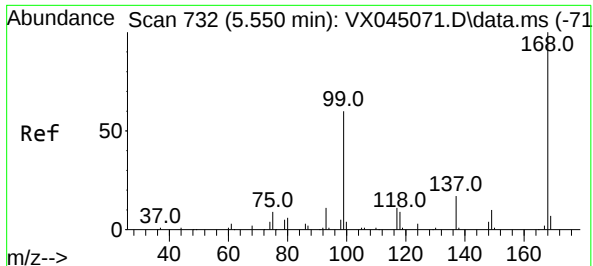
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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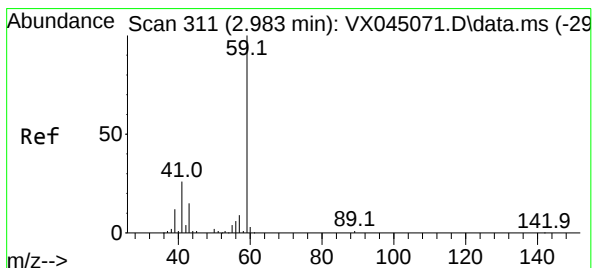
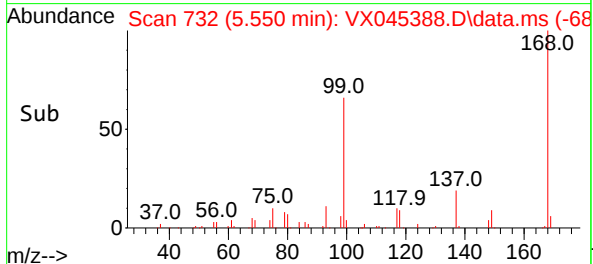
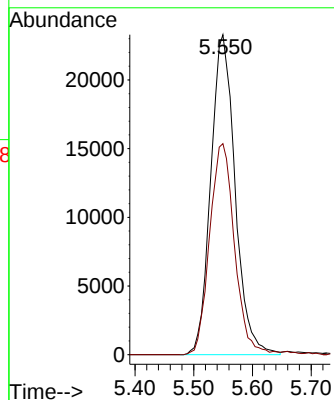
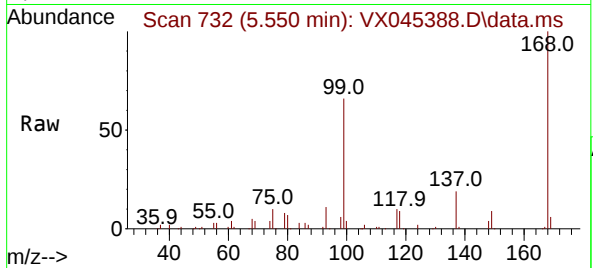




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

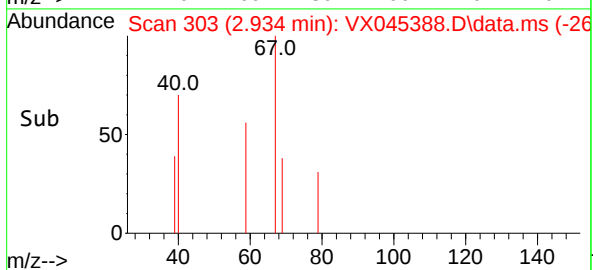
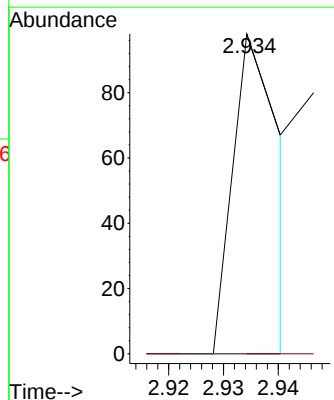
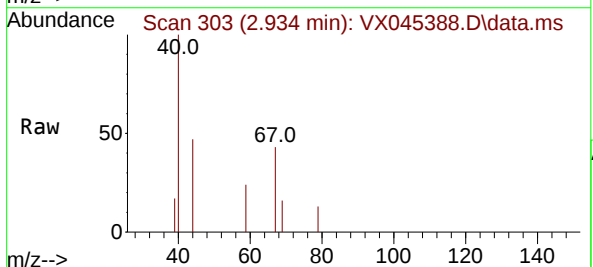
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

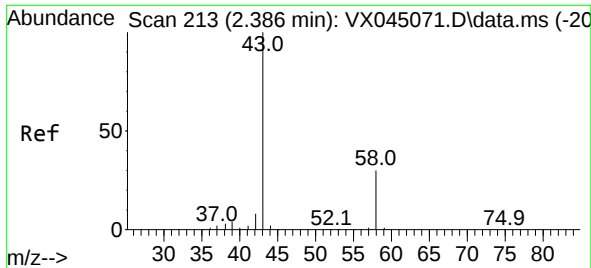
Tgt Ion:168 Resp: 66994
Ion Ratio Lower Upper
168 100
99 66.0 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.297 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

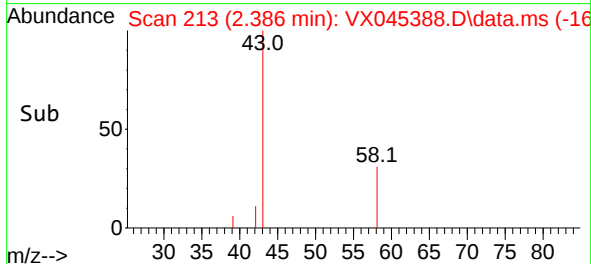
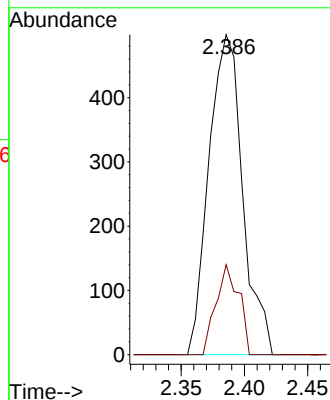
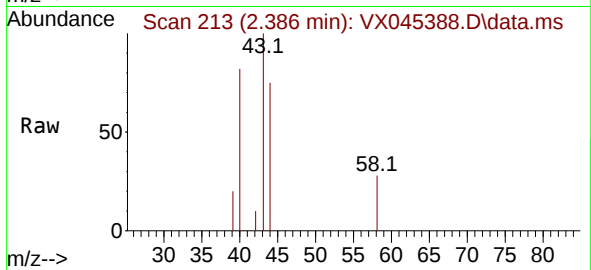




#16
Acetone
Concen: 1.867 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

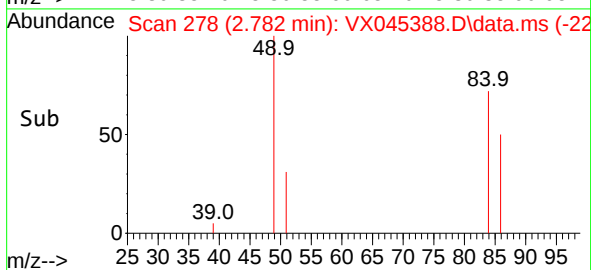
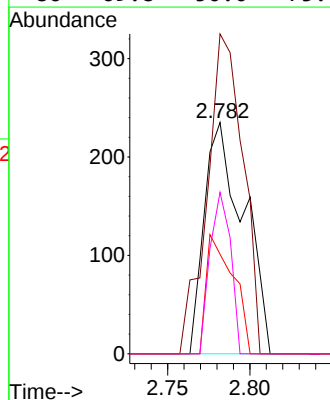
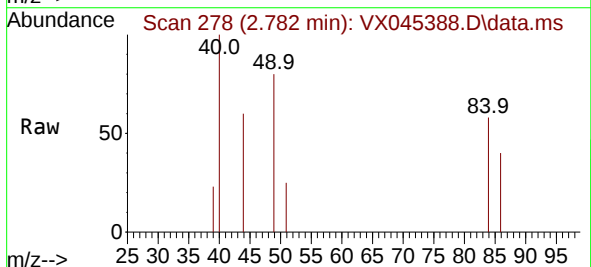
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

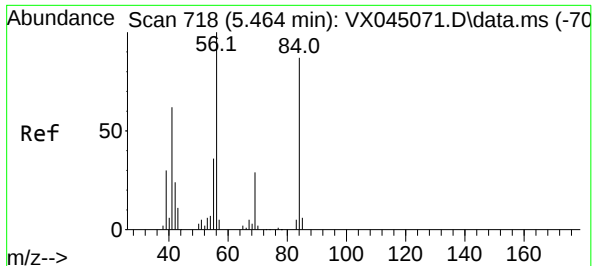
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 28.1 24.2 36.4



#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Tgt Ion: 84 Resp: 391
Ion Ratio Lower Upper
84 100
49 138.3 106.5 159.7
51 43.0 32.1 48.1
86 69.8 50.0 75.0

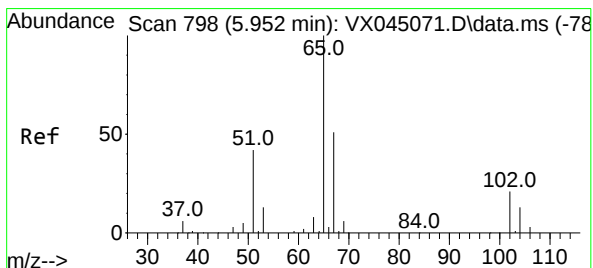
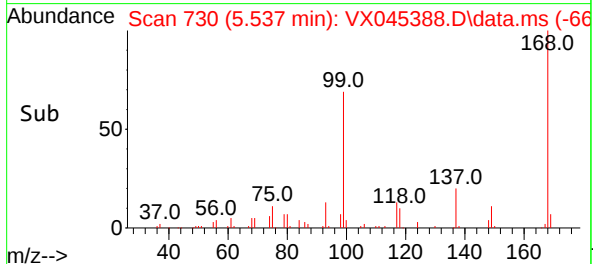
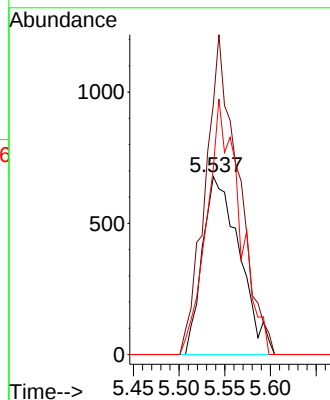
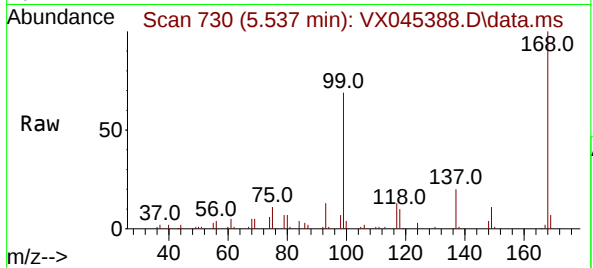




#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

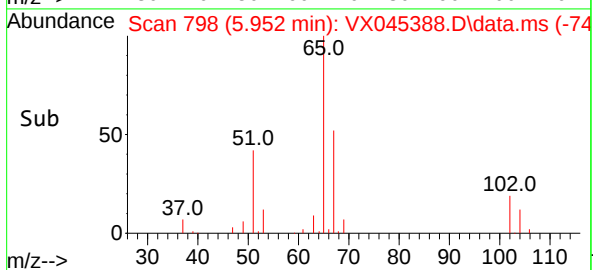
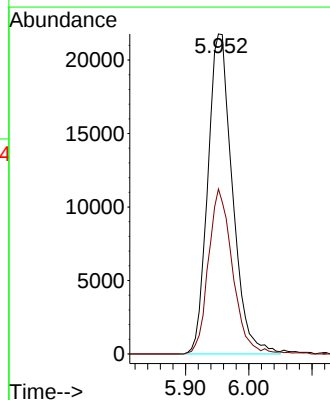
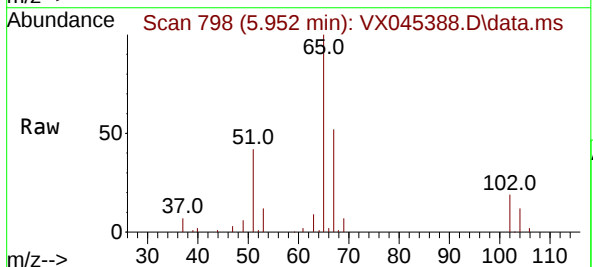
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

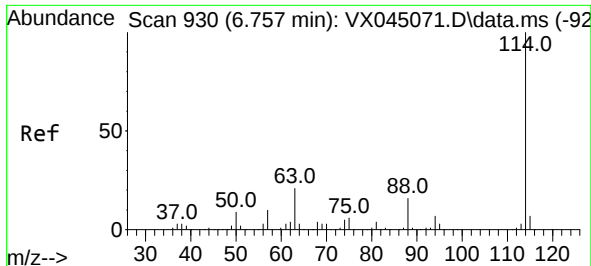
Tgt Ion: 56 Resp: 1913
Ion Ratio Lower Upper
56 100
69 140.6 23.4 35.2#
84 104.7 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 55.281 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Tgt Ion: 65 Resp: 58910
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.2

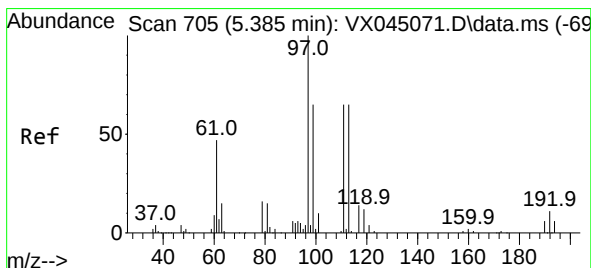
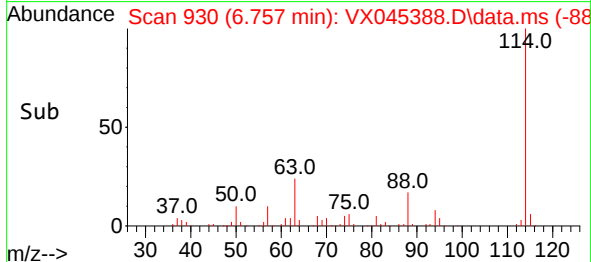
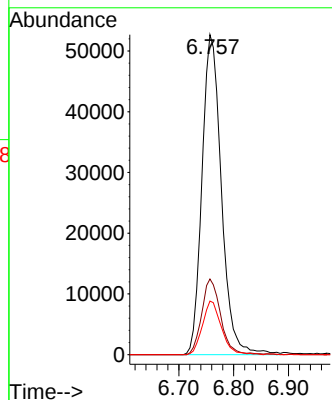
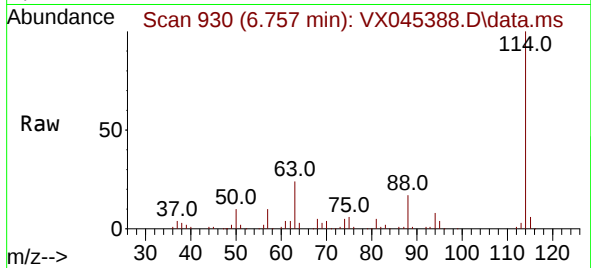




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

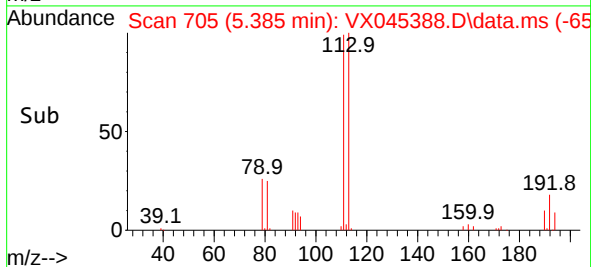
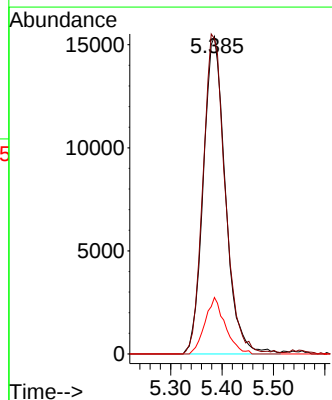
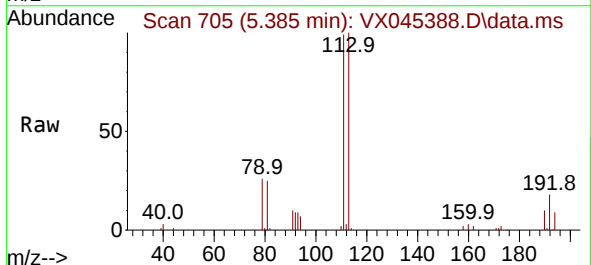
Instrument :
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ClientSampleId :
TT119S1-20250313

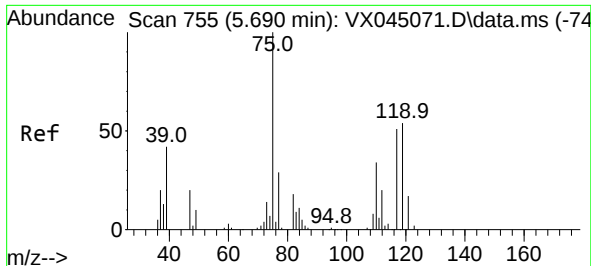
Tgt Ion:114 Resp: 129665
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.773 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Tgt Ion:113 Resp: 45756
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.6
192 16.4 14.3 21.5

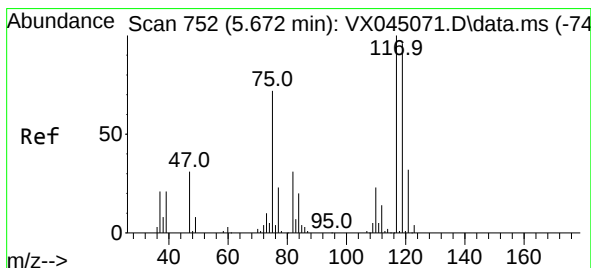
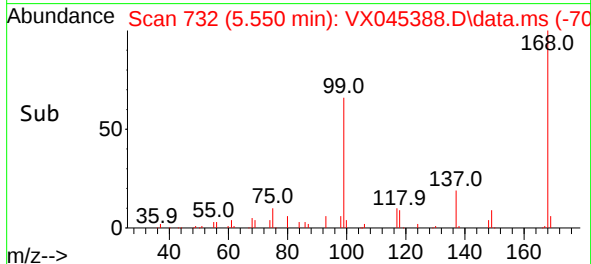
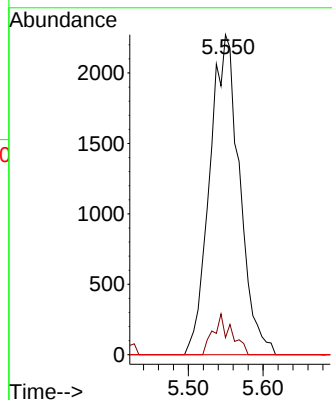
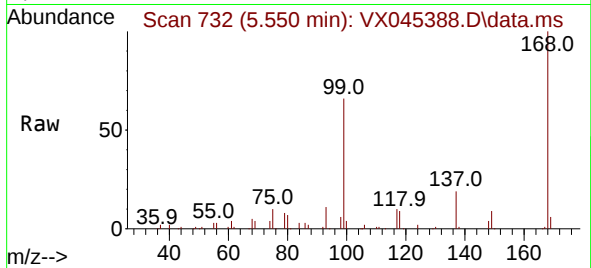




#36
1,1-Dichloropropene
Concen: 5.311 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

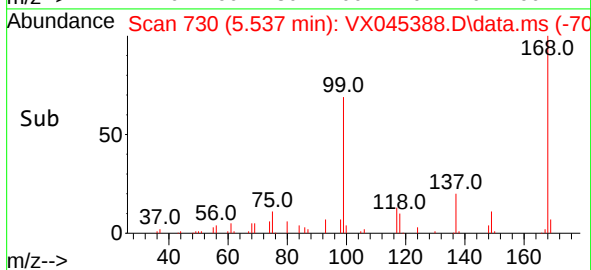
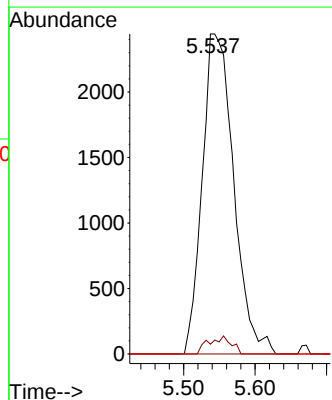
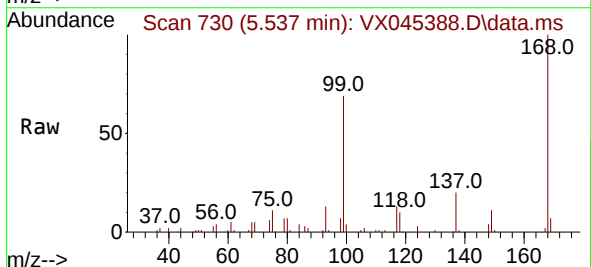
Instrument :
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ClientSampleId :
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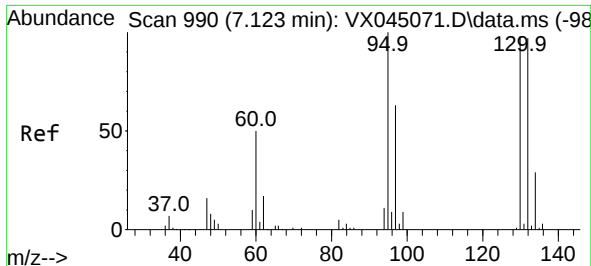
Tgt Ion: 75 Resp: 6315
Ion Ratio Lower Upper
75 100
110 7.7 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Tgt Ion: 117 Resp: 7460
Ion Ratio Lower Upper
117 100
119 3.1 76.7 115.1#
121 0.0 25.5 38.3#

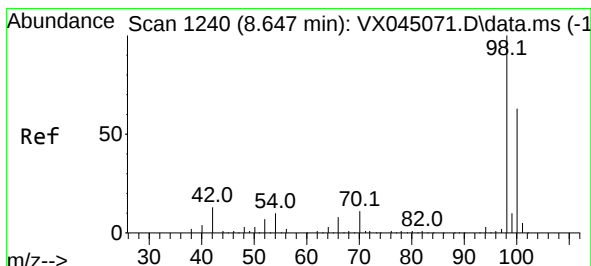
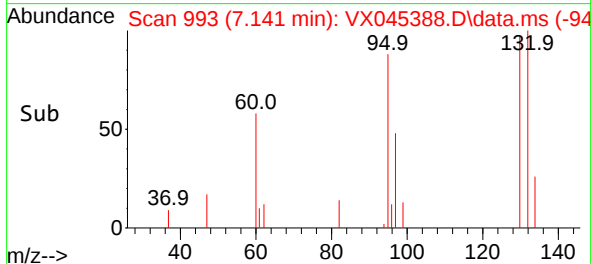
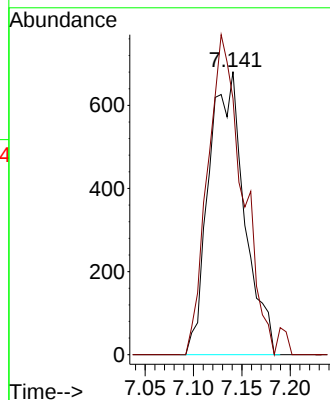
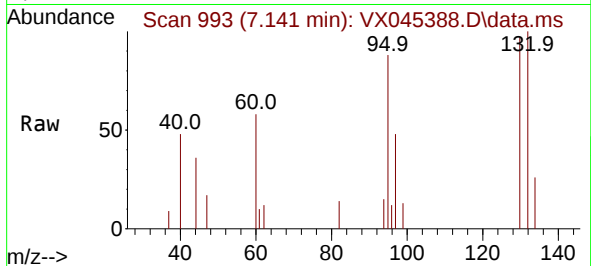




#44
Trichloroethene
Concen: 1.974 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.018 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

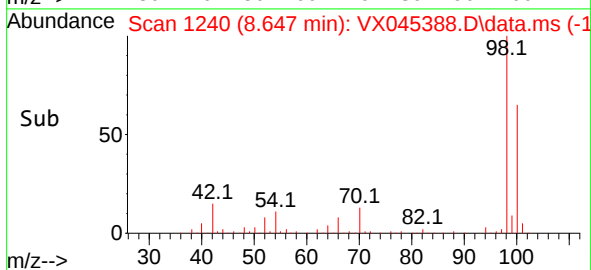
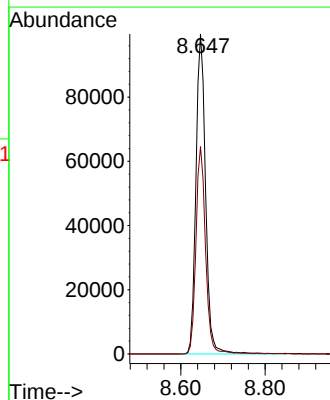
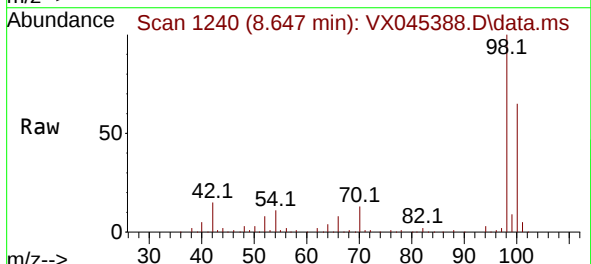
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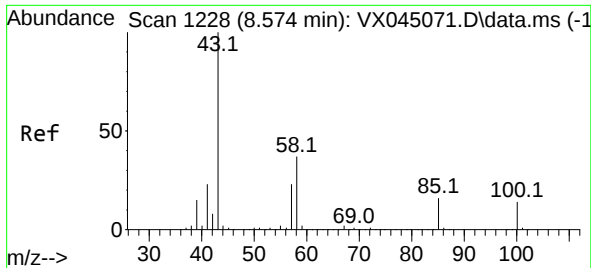
Tgt Ion:130 Resp: 1740
Ion Ratio Lower Upper
130 100
95 90.5 0.0 205.0



#50
Toluene-d8
Concen: 50.613 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Tgt Ion: 98 Resp: 159091
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

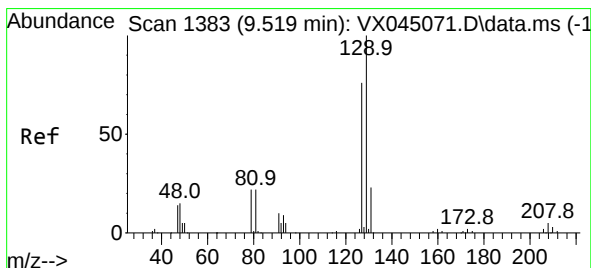
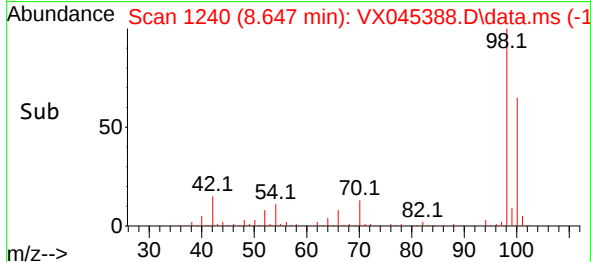
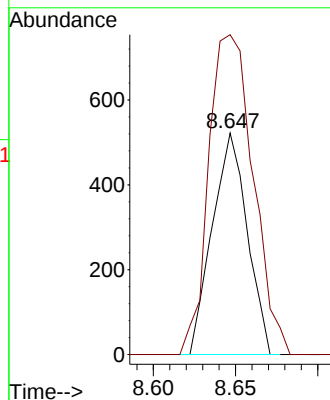
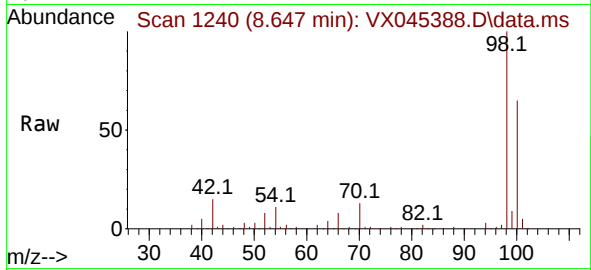




#51
4-Methyl-2-Pentanone
Concen: 0.507 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

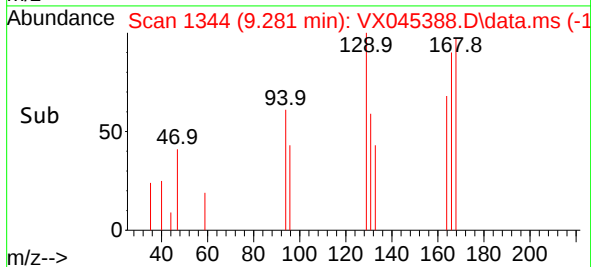
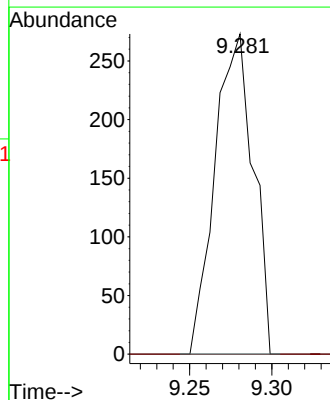
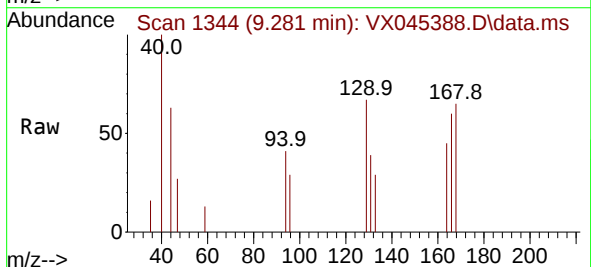
Instrument :
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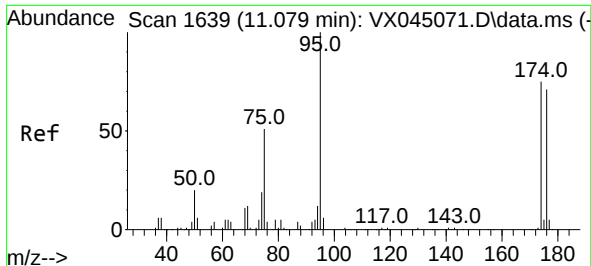
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 184.0 29.2 43.8#



#60
Dibromochloromethane
Concen: 0.466 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.238 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Tgt Ion: 129 Resp: 442
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

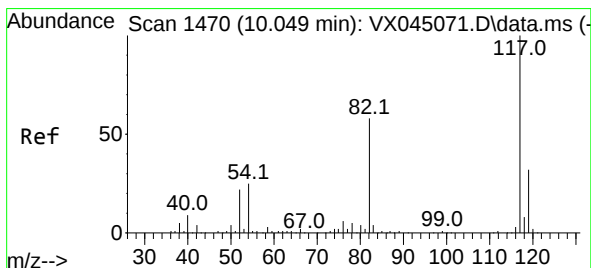
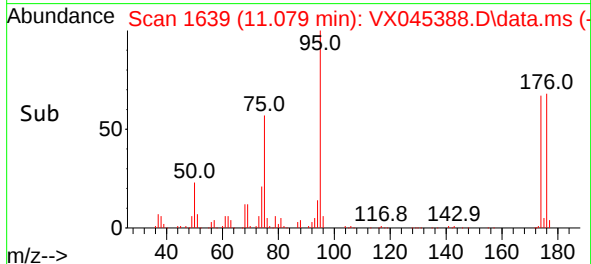
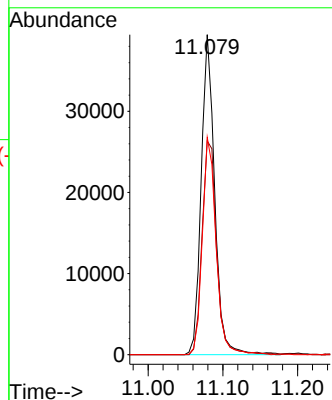
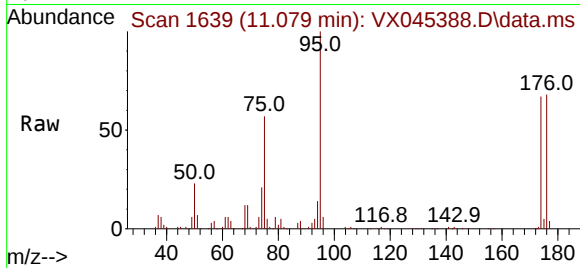




#62
4-Bromofluorobenzene
Concen: 47.536 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

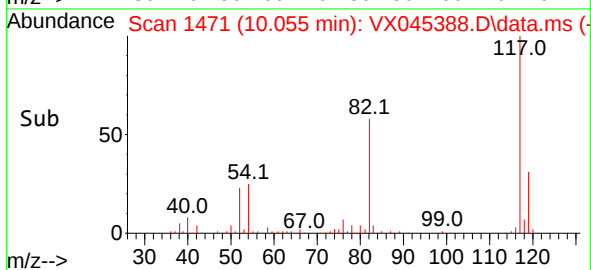
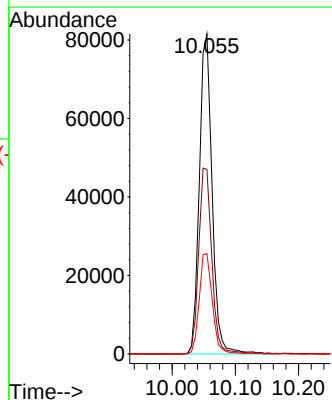
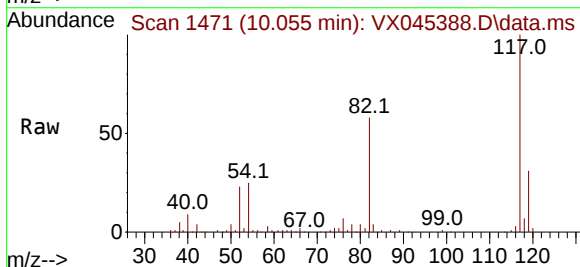
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

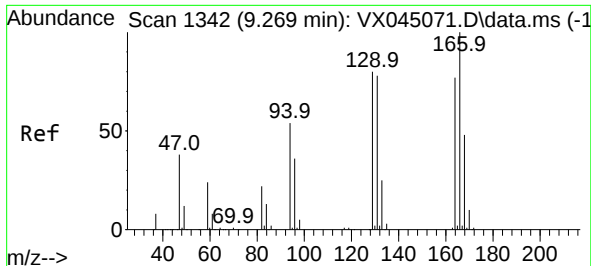
Tgt Ion: 95 Resp: 49513
Ion Ratio Lower Upper
95 100
174 71.9 0.0 148.2
176 69.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

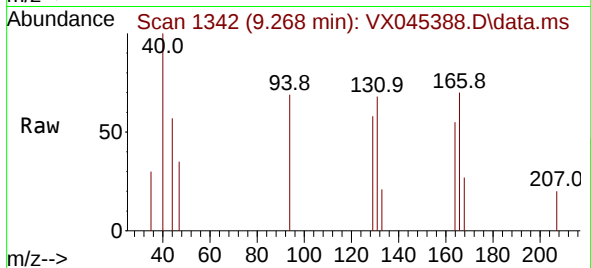
Tgt Ion: 117 Resp: 114806
Ion Ratio Lower Upper
117 100
82 57.7 46.3 69.5
119 31.3 25.7 38.5



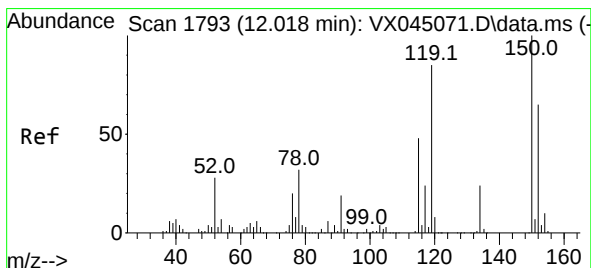
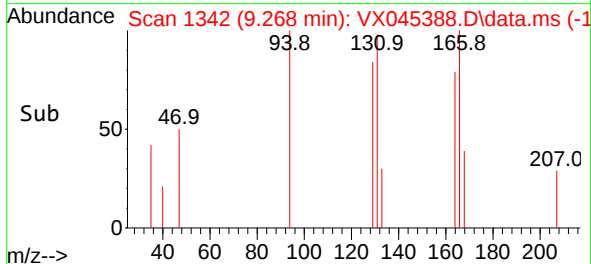
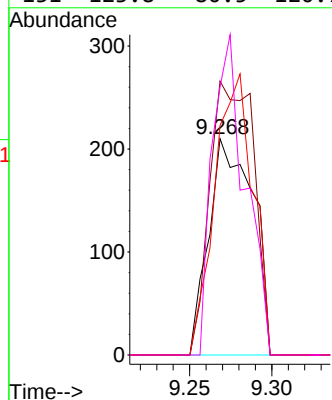


#64
Tetrachloroethene
Concen: 0.534 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

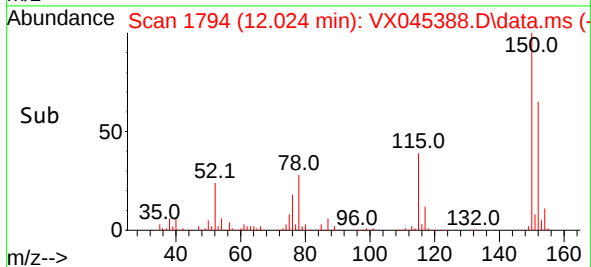
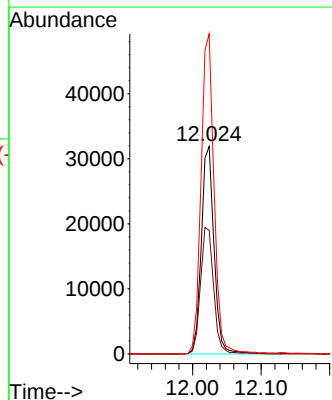
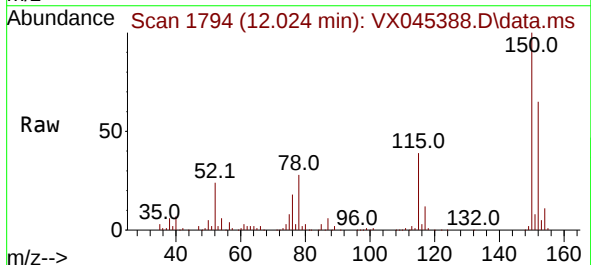


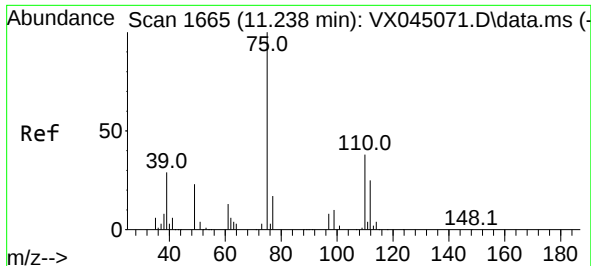
Tgt Ion:164 Resp: 393
Ion Ratio Lower Upper
164 100
166 126.7 103.6 155.4
129 106.2 82.7 124.1
131 123.8 80.5 120.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Tgt Ion:152 Resp: 41321
Ion Ratio Lower Upper
152 100
115 63.2 44.2 132.6
150 157.8 0.0 349.0

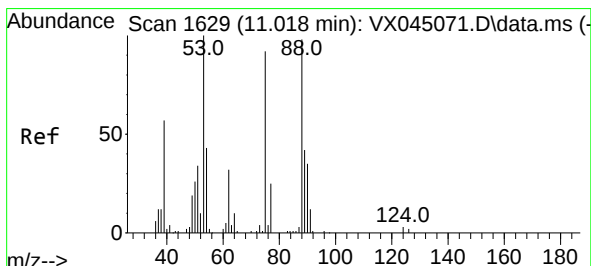
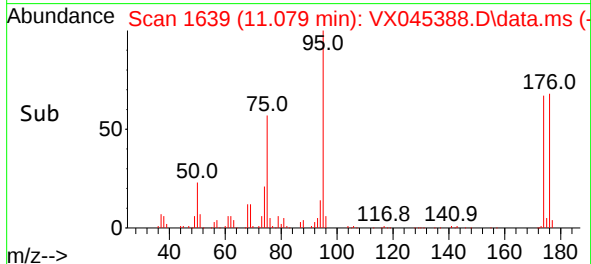
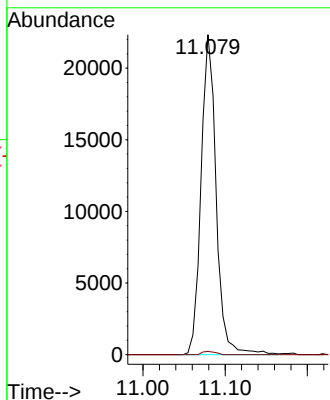
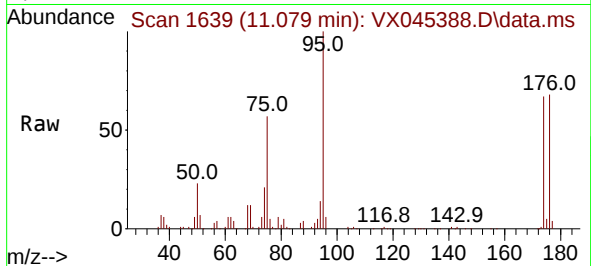




#76
1,2,3-Trichloropropane
Concen: 29.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250313

Tgt Ion: 75 Resp: 28458
Ion Ratio Lower Upper
75 100
77 0.9 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.262 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045388.D
Acq: 21 Mar 2025 15:14

Tgt Ion: 75 Resp: 28458
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

