

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045449.D
 Acq On : 25 Mar 2025 18:41
 Operator : JC/MD
 Sample : Q1629-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW09-MW01D3-20250320

Quant Time: Mar 26 01:43:24 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)

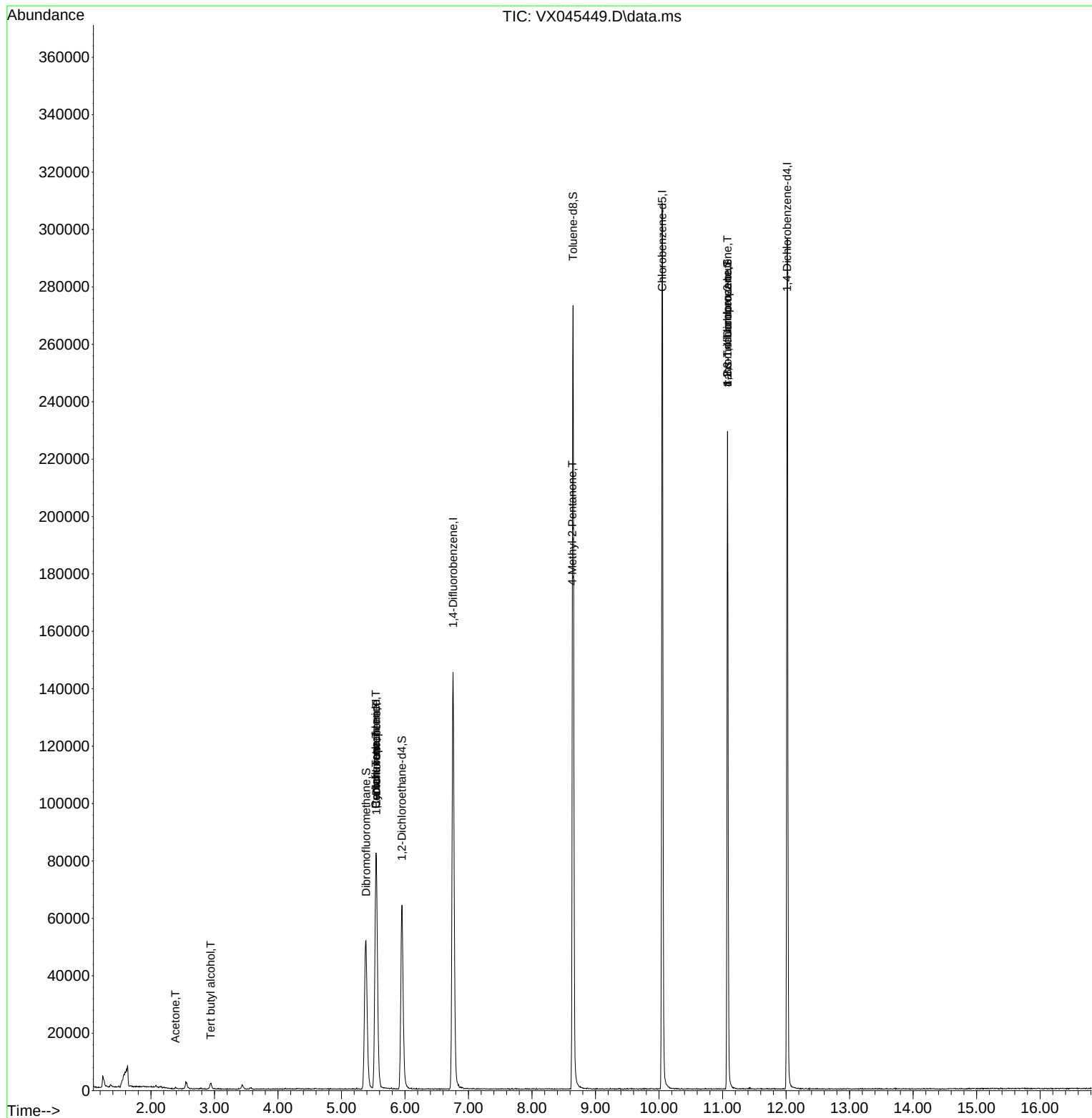
Internal Standards						
1) Pentafluorobenzene	5.544	168	71670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60622	53.176	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.360%	
35) Dibromofluoromethane	5.385	113	45171	49.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.280%	
50) Toluene-d8	8.647	98	159922	47.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.960%	
62) 4-Bromofluorobenzene	11.079	95	57139	51.738	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1131	5.238	ug/l #	73
16) Acetone	2.386	43	577	1.091	ug/l #	75
31) Cyclohexane	5.544	56	2120	1.367	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	6974	5.532	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8076	6.310	ug/l #	17
51) 4-Methyl-2-Pentanone	8.635	43	830	0.515	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33737	26.664	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33737	91.248	ug/l #	6

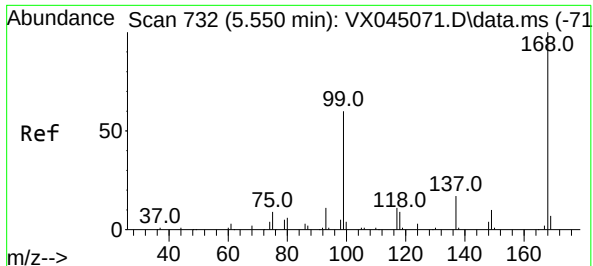
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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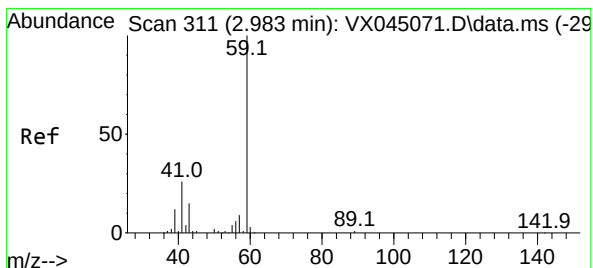
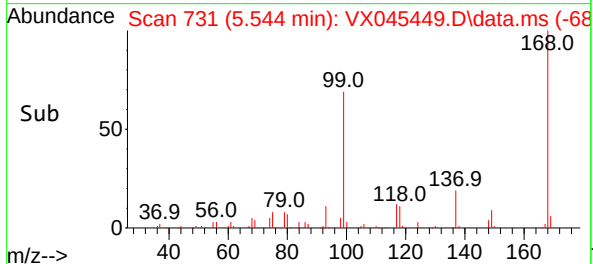
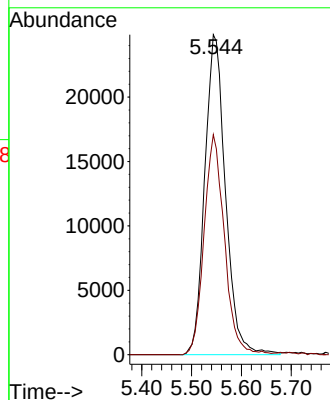
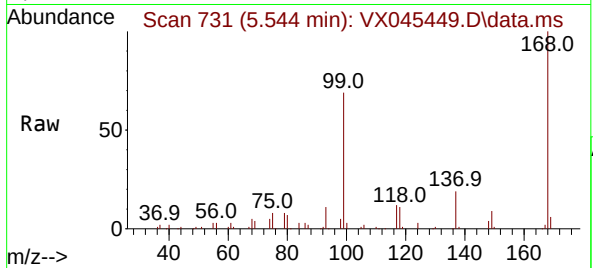




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

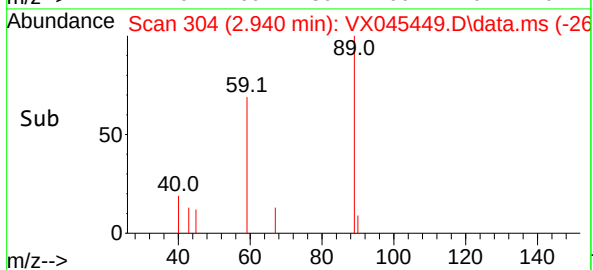
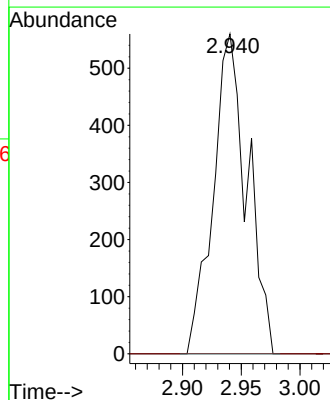
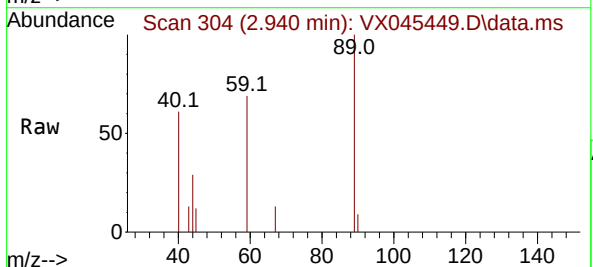
Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01D3-20250320

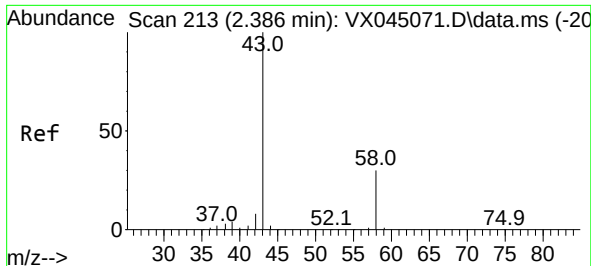
Tgt Ion:168 Resp: 71670
Ion Ratio Lower Upper
168 100
99 68.8 48.2 72.4



#11
Tert butyl alcohol
Concen: 5.238 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

Tgt Ion: 59 Resp: 1131
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

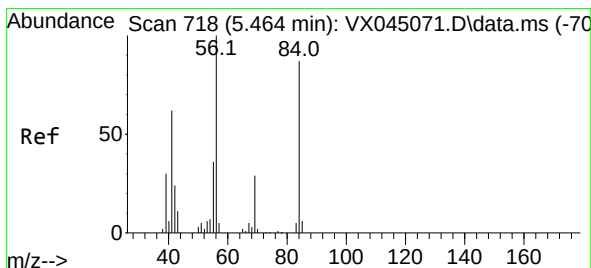
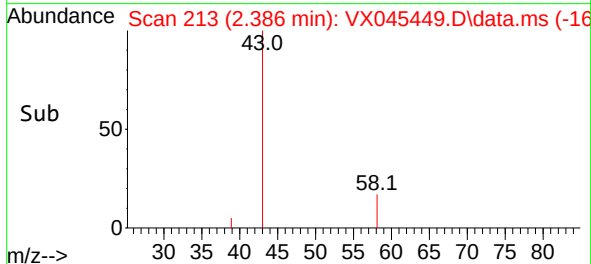
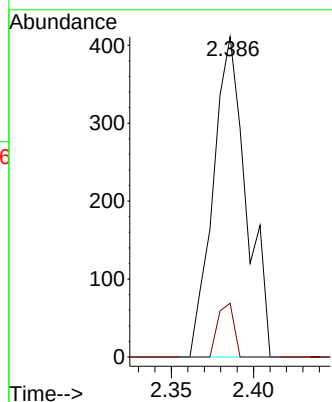
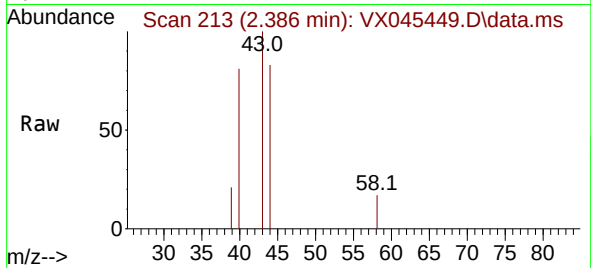




#16
Acetone
Concen: 1.091 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

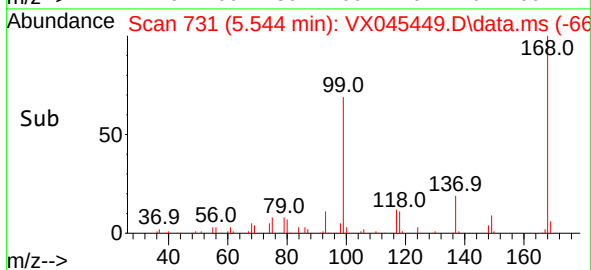
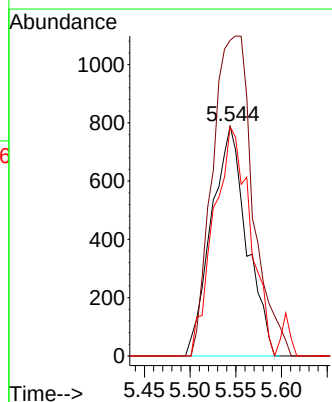
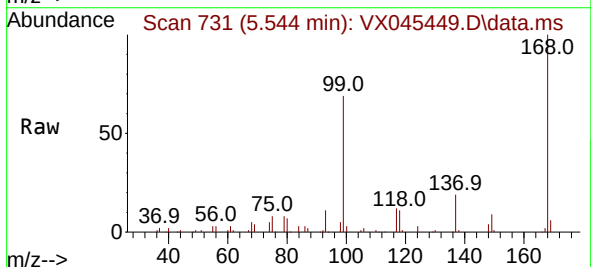
Instrument : MSVOA_X
ClientSampleId : RW09-MW01D3-20250320

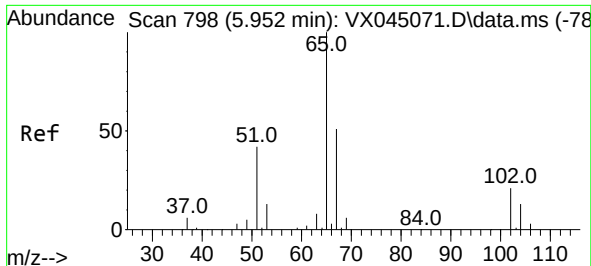
Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
58 16.8 24.2 36.4#



#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

Tgt Ion: 56 Resp: 2120
Ion Ratio Lower Upper
56 100
69 137.4 23.4 35.2#
84 99.7 69.4 104.2

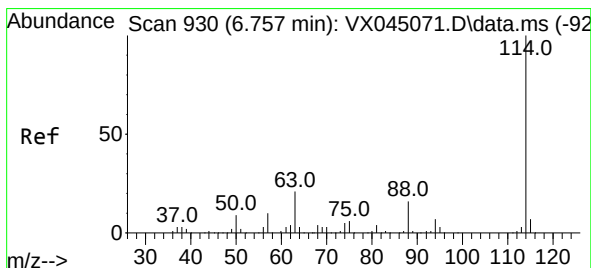
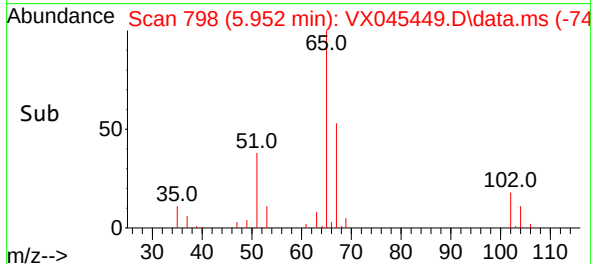
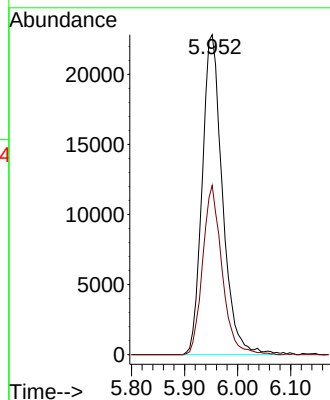
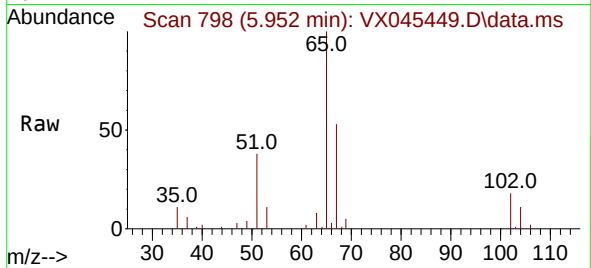




#33
 1,2-Dichloroethane-d4
 Concen: 53.176 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045449.D
 Acq: 25 Mar 2025 18:41

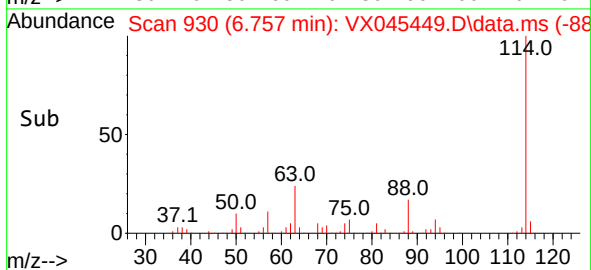
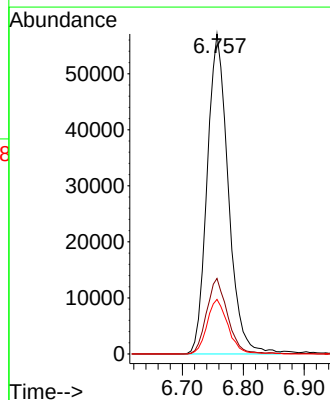
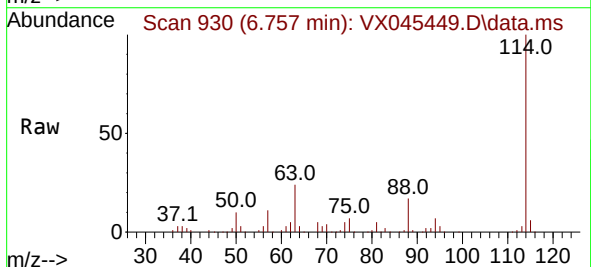
Instrument :
 MSVOA_X
 ClientSampleId :
 RW09-MW01D3-20250320

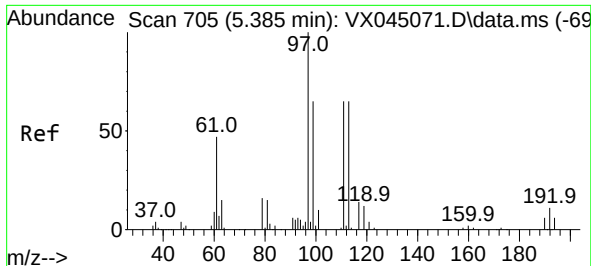
Tgt Ion: 65 Resp: 60622
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045449.D
 Acq: 25 Mar 2025 18:41

Tgt Ion: 114 Resp: 137481
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 41.8
 88 17.1 0.0 32.8

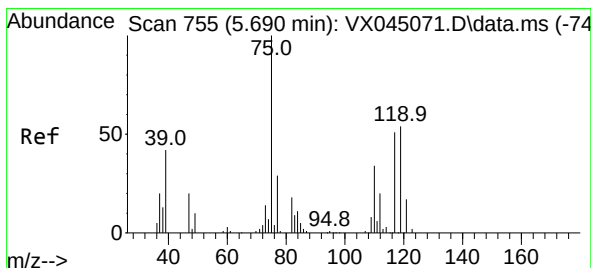
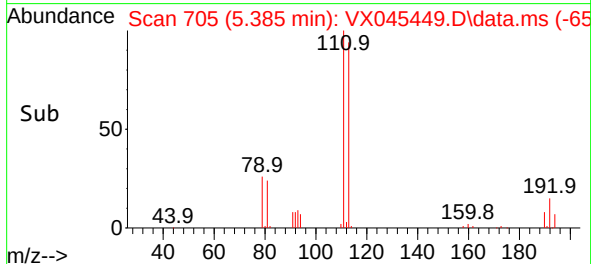
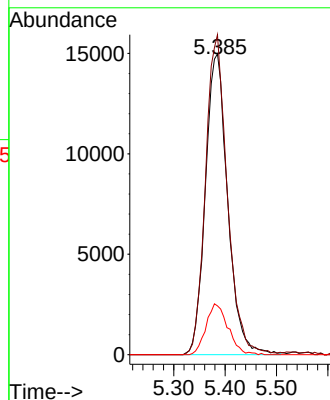
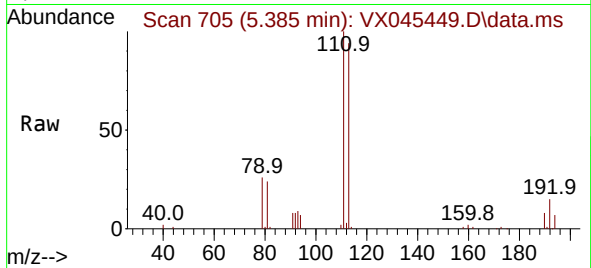




#35
Dibromofluoromethane
Concen: 49.136 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

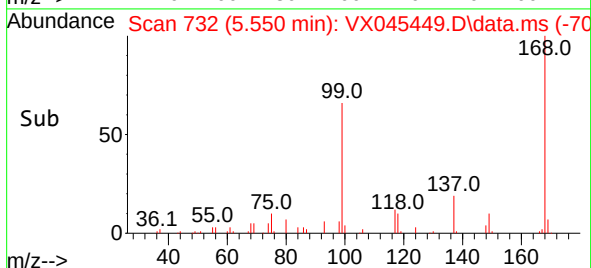
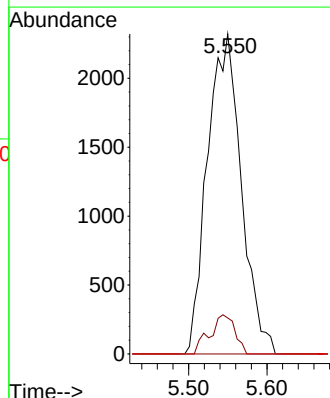
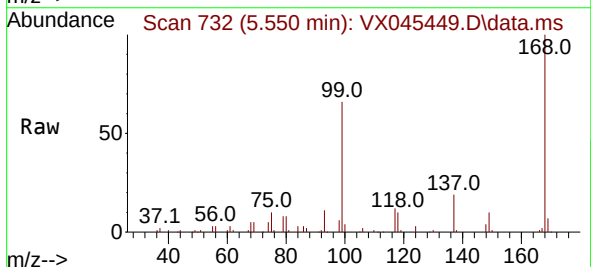
Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01D3-20250320

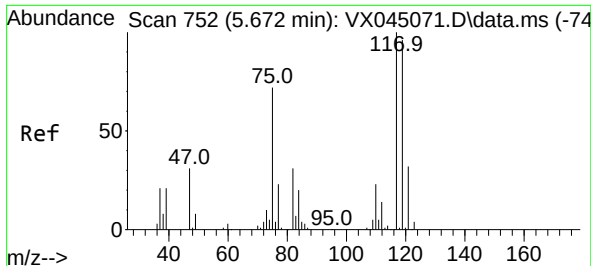
Tgt Ion:	113	Resp:	45171
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	16.7	14.3	21.5



#36
1,1-Dichloropropene
Concen: 5.532 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

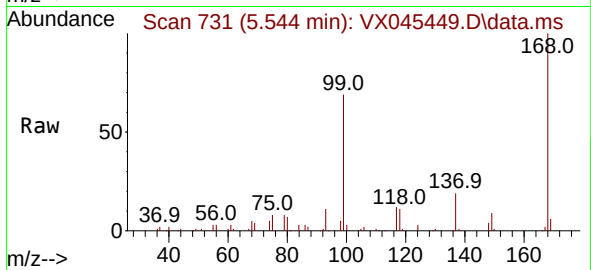
Tgt Ion:	75	Resp:	6974
Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.9	50.6#
77	0.0	24.5	36.7#



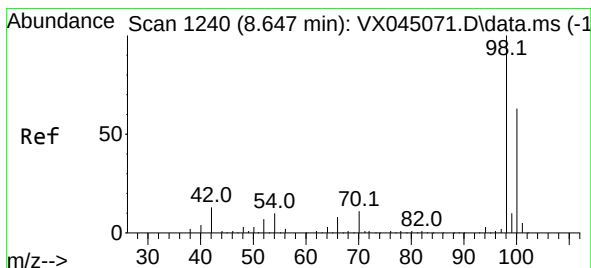
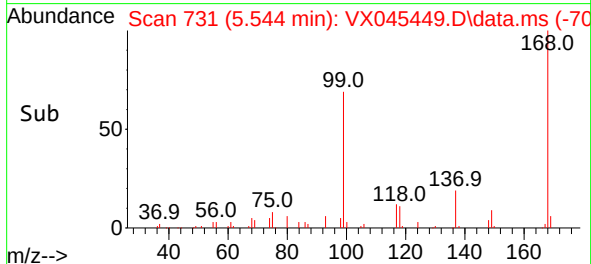
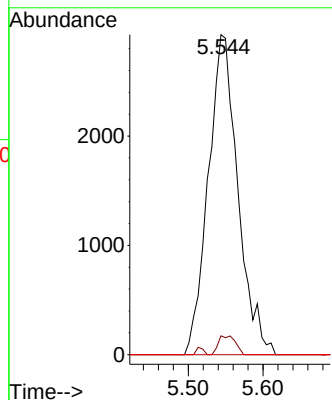


#38
Carbon Tetrachloride
Concen: 6.310 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01D3-20250320

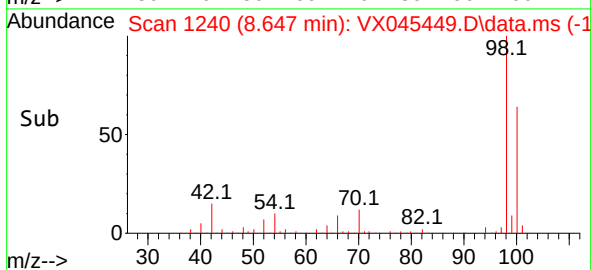
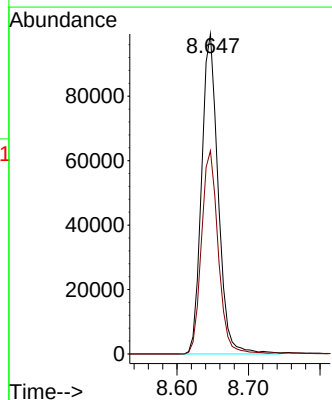
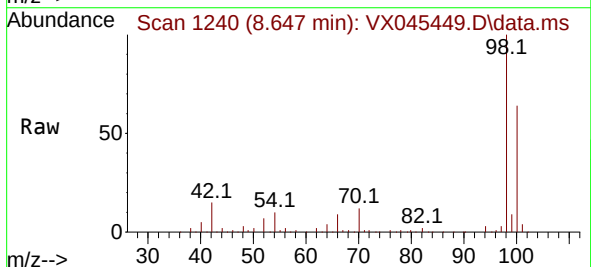


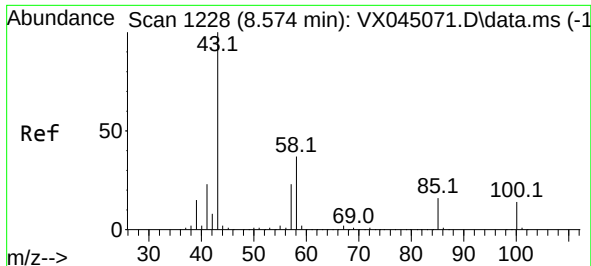
Tgt Ion:117 Resp: 8076
Ion Ratio Lower Upper
117 100
119 5.9 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 47.985 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

Tgt Ion: 98 Resp: 159922
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

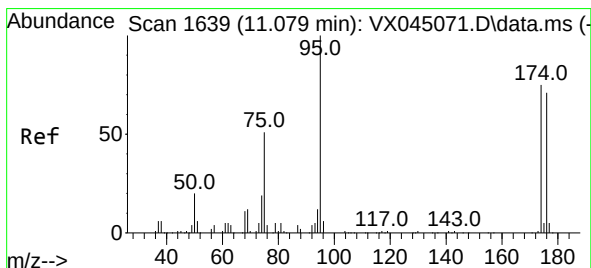
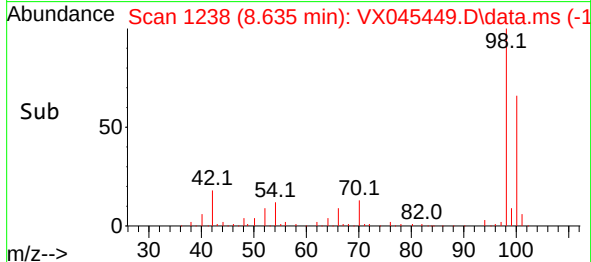
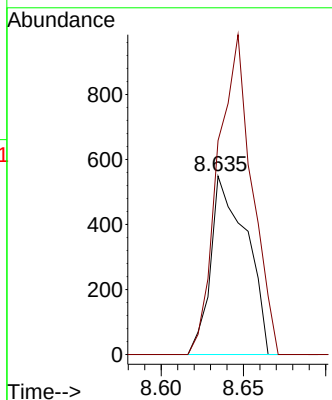
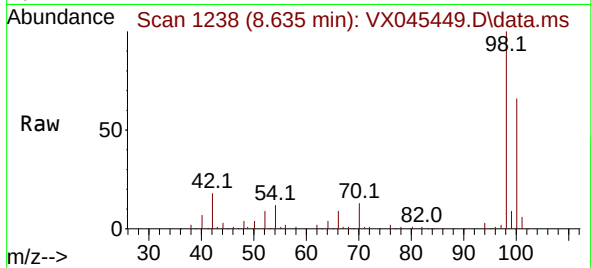




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

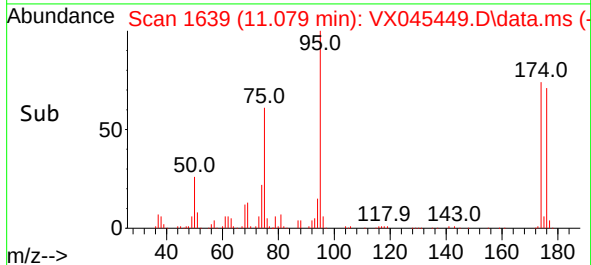
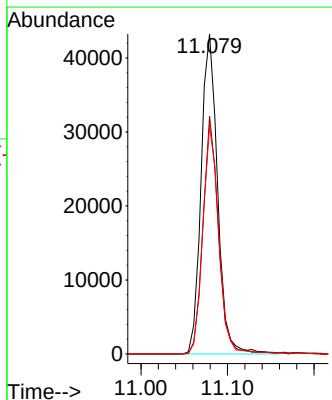
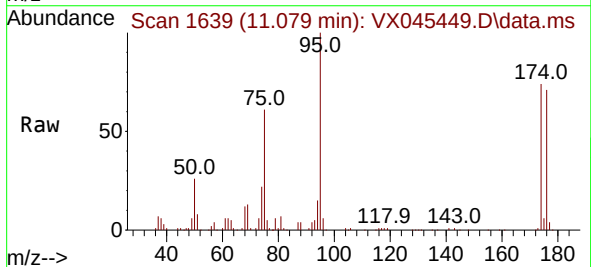
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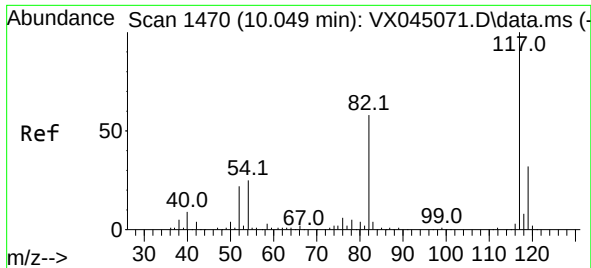
Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 171.0 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 51.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

Tgt Ion: 95 Resp: 57139
Ion Ratio Lower Upper
95 100
174 69.8 0.0 148.2
176 69.2 0.0 141.4

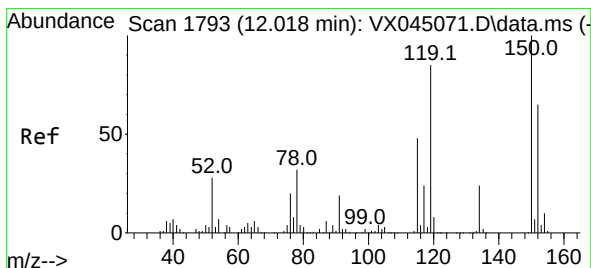
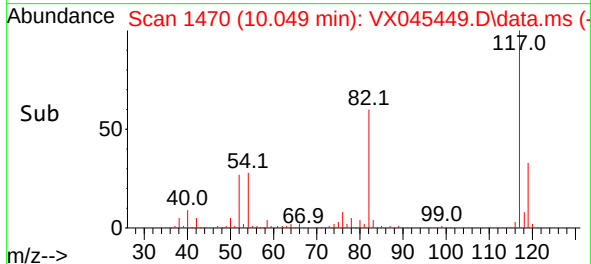
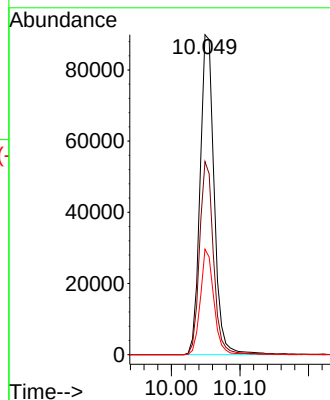
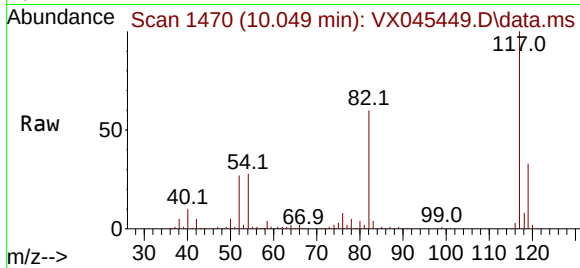




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

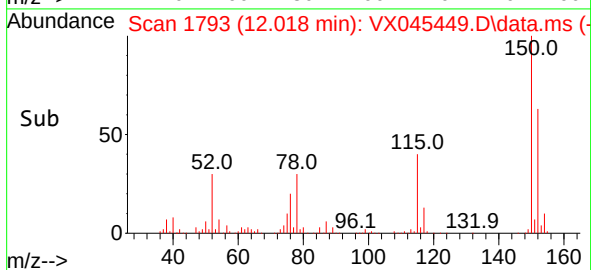
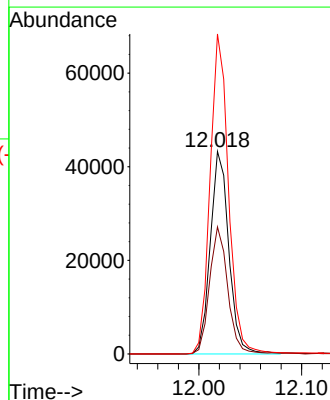
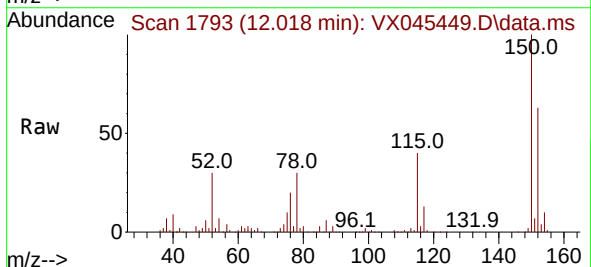
Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01D3-20250320

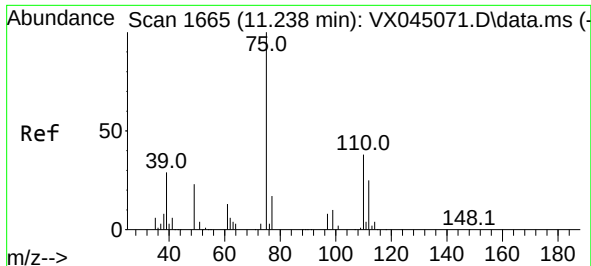
Tgt Ion:117 Resp: 129073
Ion Ratio Lower Upper
117 100
82 60.4 46.3 69.5
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

Tgt Ion:152 Resp: 54362
Ion Ratio Lower Upper
152 100
115 62.0 44.2 132.6
150 156.9 0.0 349.0

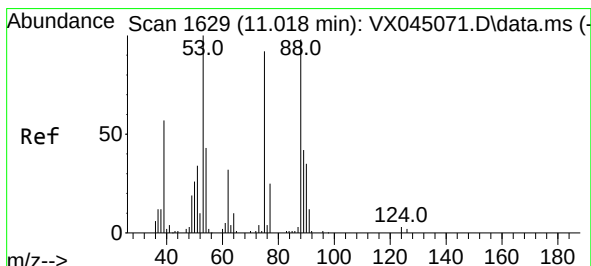
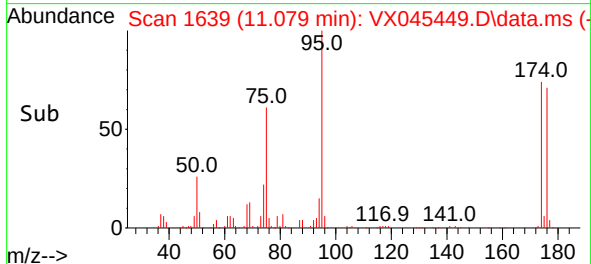
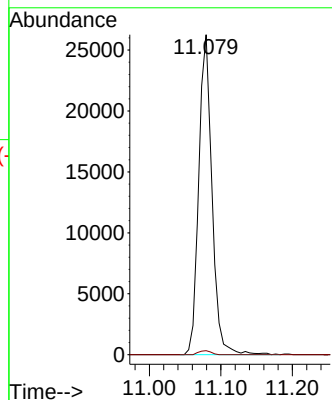
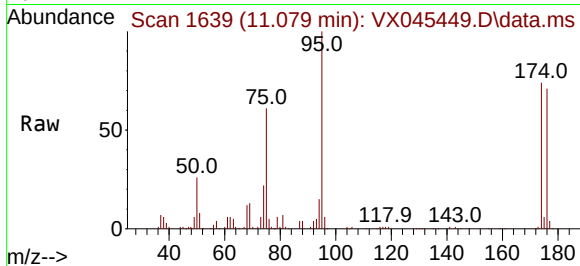




#76
1,2,3-Trichloropropane
Concen: 26.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01D3-20250320

Tgt Ion: 75 Resp: 33737
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.248 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045449.D
Acq: 25 Mar 2025 18:41

Tgt Ion: 75 Resp: 33737
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

