

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035936.D
 Acq On : 31 May 2023 15:11
 Operator : JC/MD
 Sample : 02955-19RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 31 17:08:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

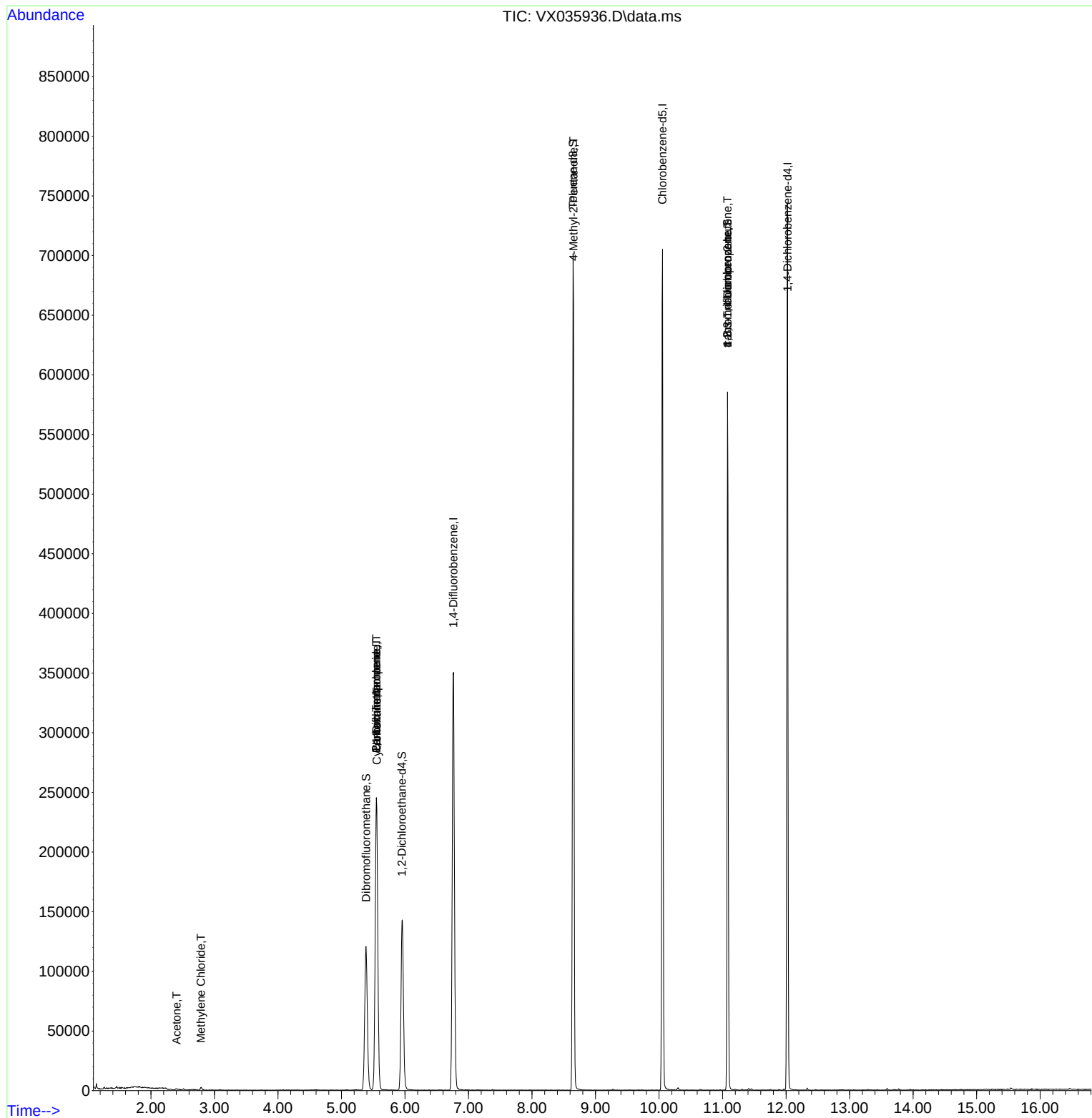
Internal Standards						
1) Pentafluorobenzene	5.550	168	217675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142600	40.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	80.680%
35) Dibromofluoromethane	5.385	113	104477	43.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.780%
50) Toluene-d8	8.647	98	411181	48.126	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.260%
62) 4-Bromofluorobenzene	11.079	95	158242	46.918	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	1542	1.057	ug/l #	79
20) Methylene Chloride	2.788	84	1132	0.403	ug/l #	74
31) Cyclohexane	5.556	56	5040	1.362	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18924	5.962	ug/l #	52
38) Carbon Tetrachloride	5.550	117	24738	7.997	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	2114	0.596	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81277	24.408	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	81277	82.214	ug/l #	3

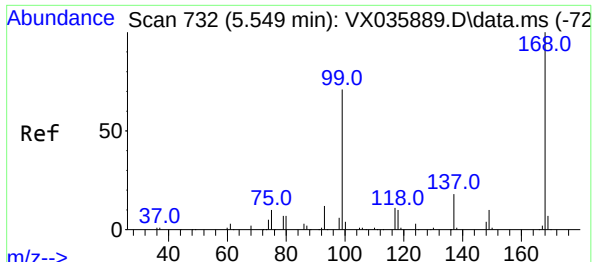
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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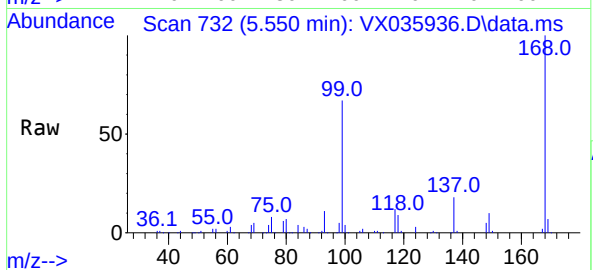
Quant Time: May 31 17:08:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
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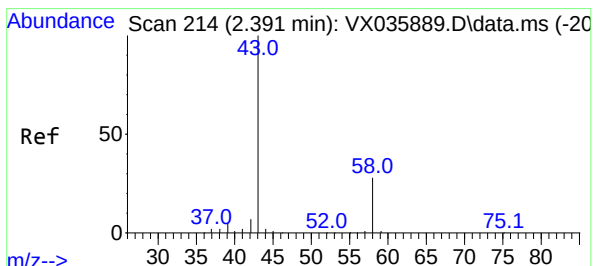
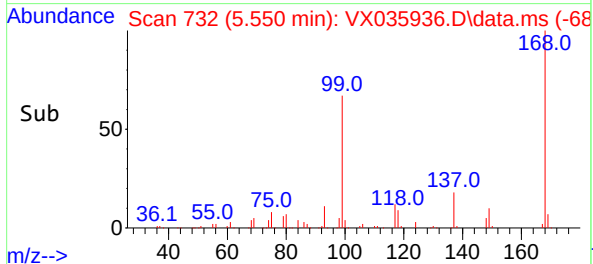
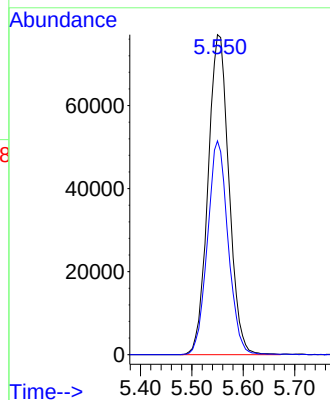


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

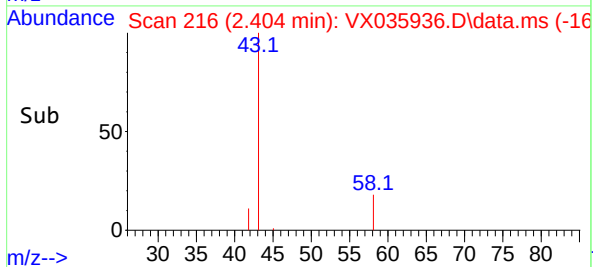
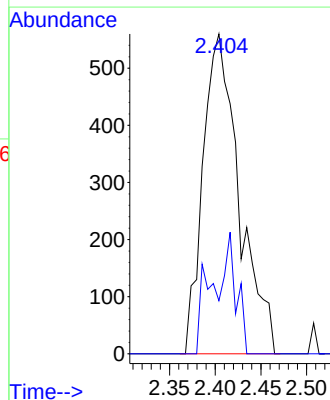
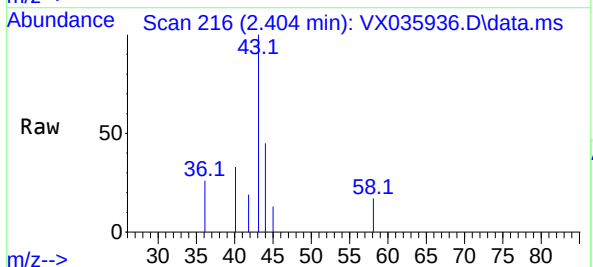


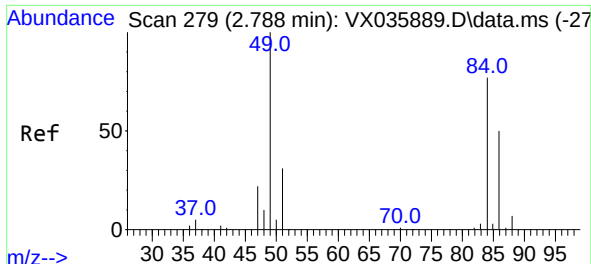
Tgt Ion:168 Resp: 217675
Ion Ratio Lower Upper
168 100
99 66.8 57.0 85.6



#16
Acetone
Concen: 1.057 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.013 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 16.6 22.2 33.2#



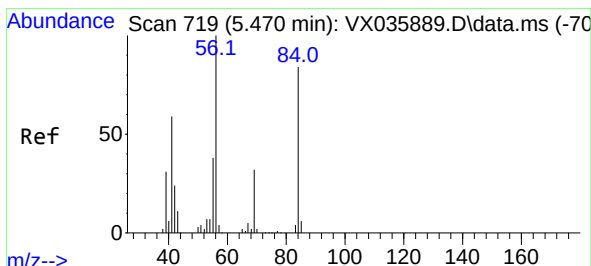
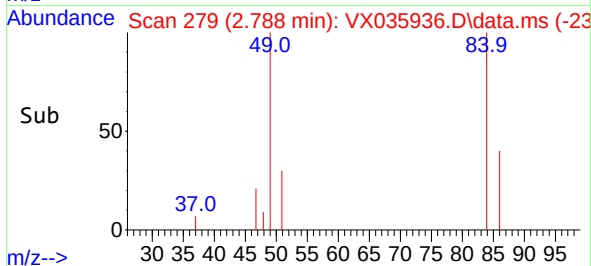
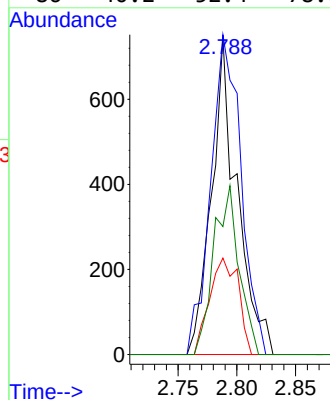
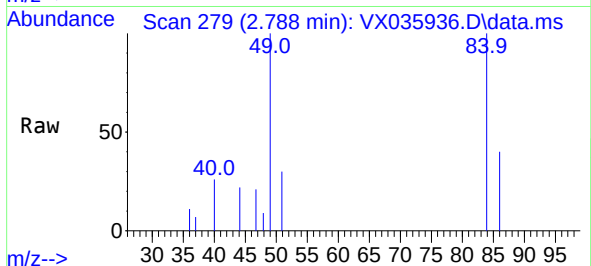


#20
Methylene Chloride
Concen: 0.403 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 84 Resp: 1132

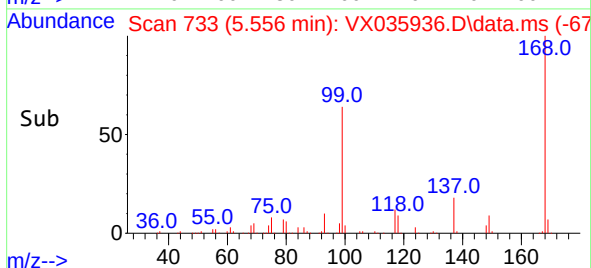
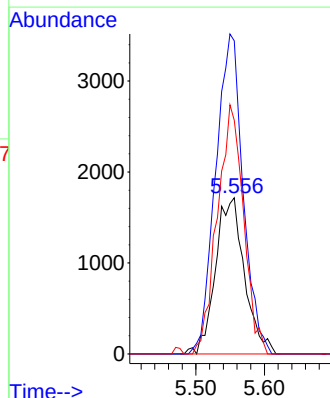
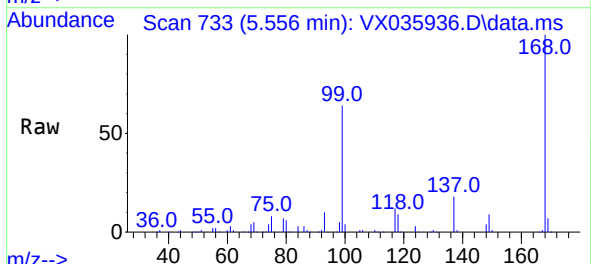
Ion	Ratio	Lower	Upper
84	100		
49	100.4	104.6	156.8#
51	30.3	32.2	48.4#
86	40.2	52.4	78.6#

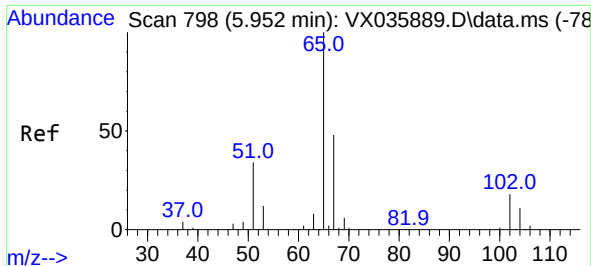


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion: 56 Resp: 5040

Ion	Ratio	Lower	Upper
56	100		
69	200.5	25.9	38.9#
84	149.6	67.6	101.4#

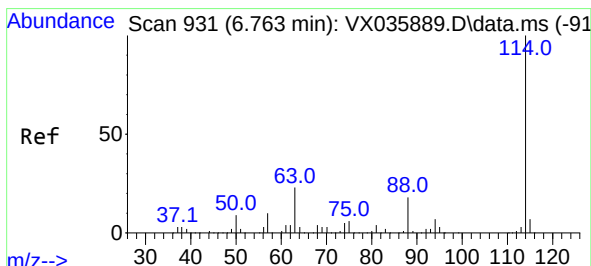
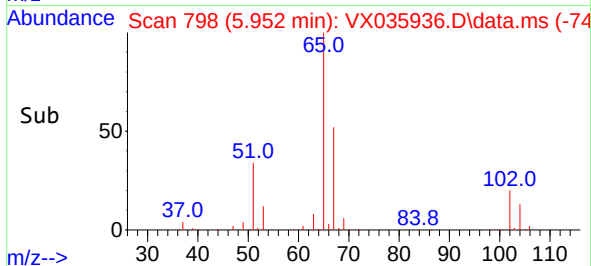
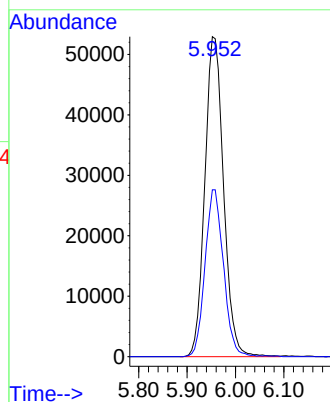
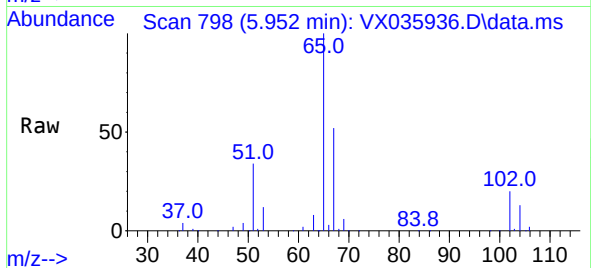




#33
1,2-Dichloroethane-d4
Concen: 40.343 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

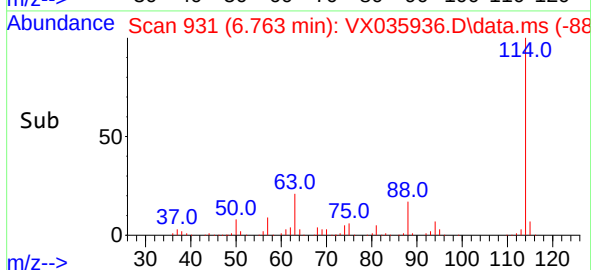
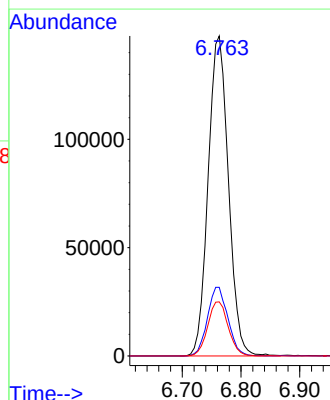
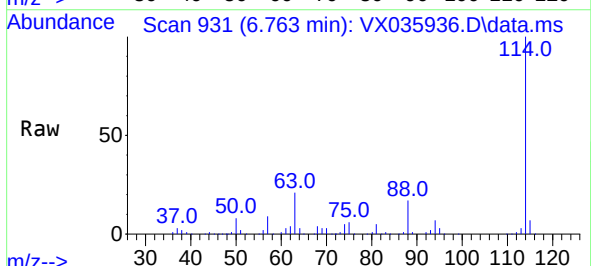
Instrument :
MSVOA_X
ClientSampleId :
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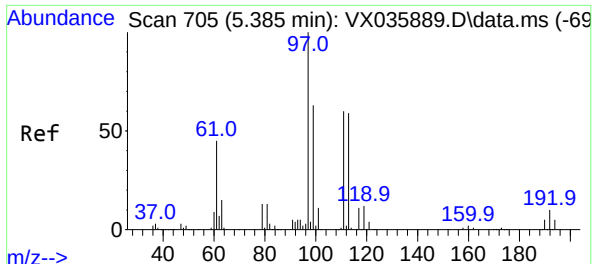
Tgt Ion: 65 Resp: 142600
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion: 114 Resp: 353942
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.0
88 16.9 0.0 35.2

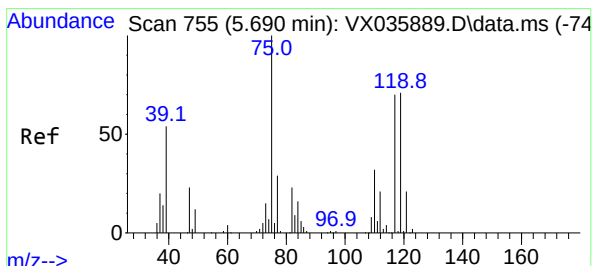
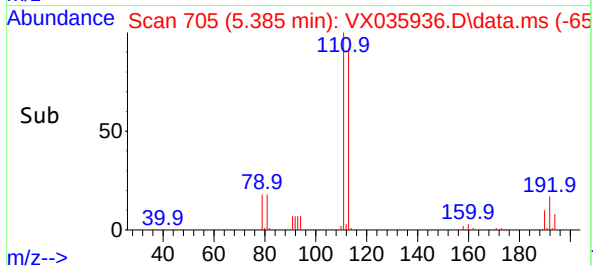
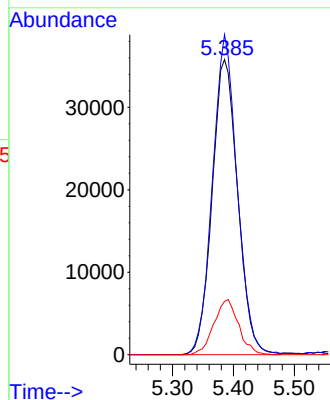
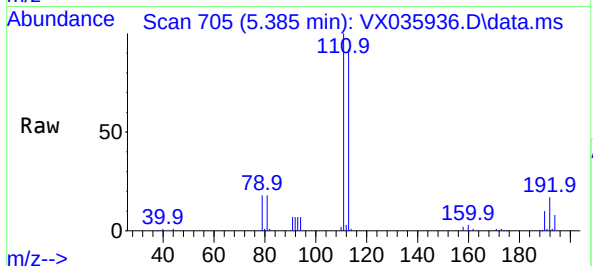




#35
Dibromofluoromethane
Concen: 43.887 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

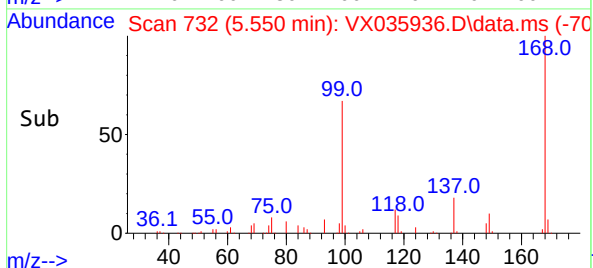
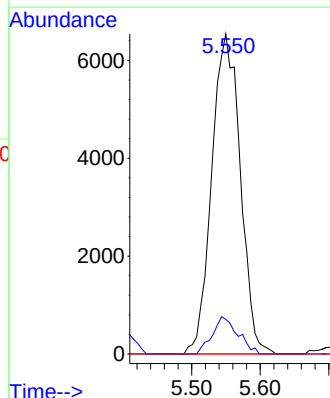
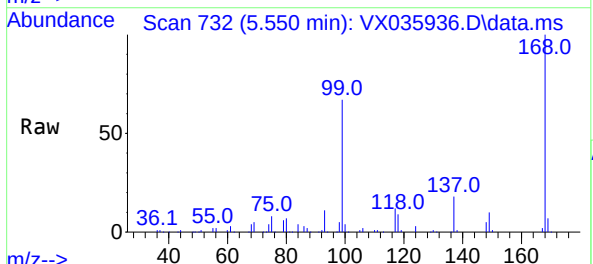
Instrument :
MSVOA_X
ClientSampleId :
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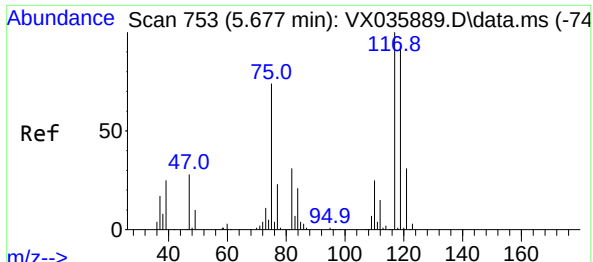
Tgt Ion:113 Resp: 104477
Ion Ratio Lower Upper
113 100
111 104.5 81.7 122.5
192 18.1 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.962 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion: 75 Resp: 18924
Ion Ratio Lower Upper
75 100
110 10.4 16.6 49.7#
77 0.0 24.4 36.6#

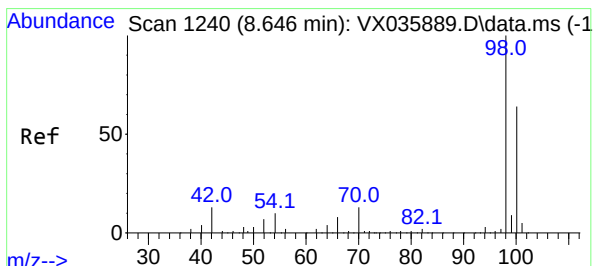
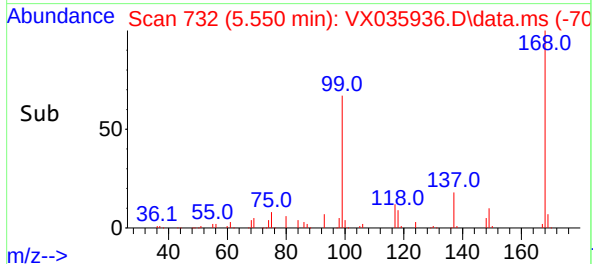
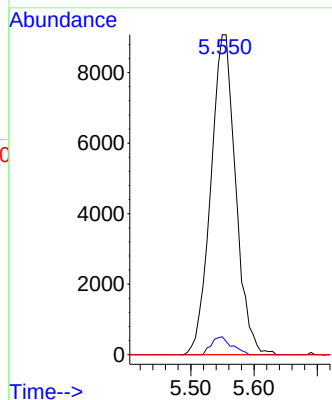
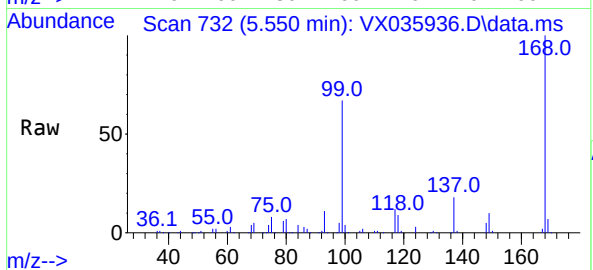




#38
Carbon Tetrachloride
Concen: 7.997 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

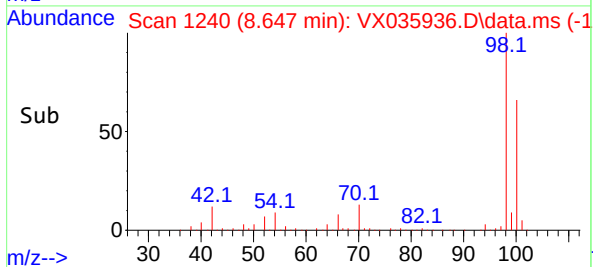
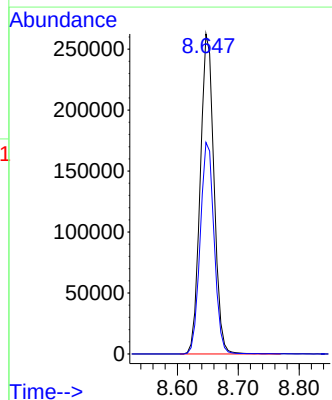
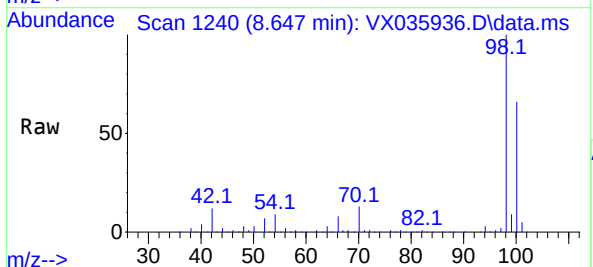
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ClientSampleId :
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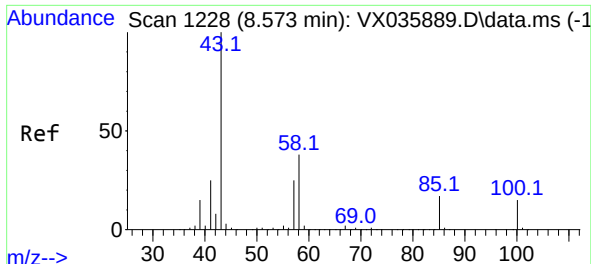
Tgt Ion:117 Resp: 24738
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.126 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion: 98 Resp: 411181
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.0

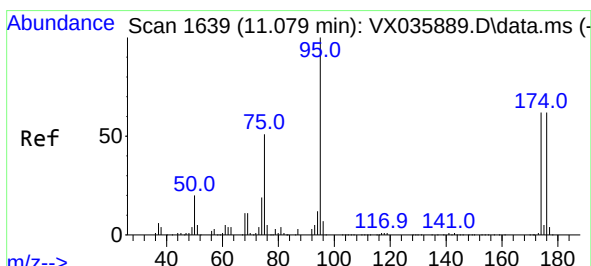
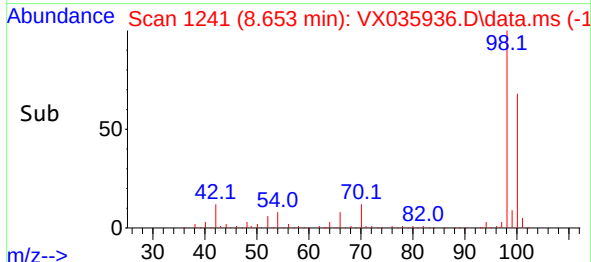
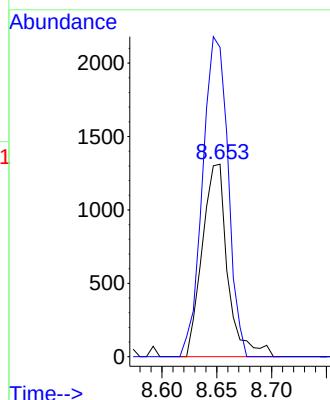
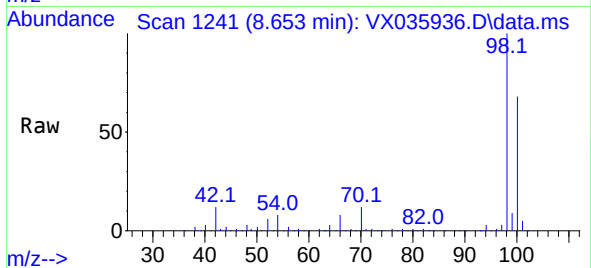




#51
4-Methyl-2-Pentanone
Concen: 0.596 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

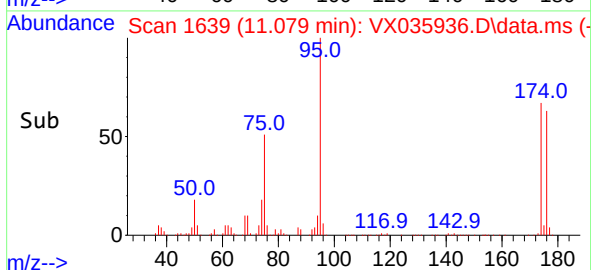
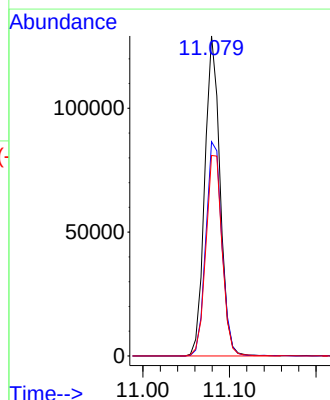
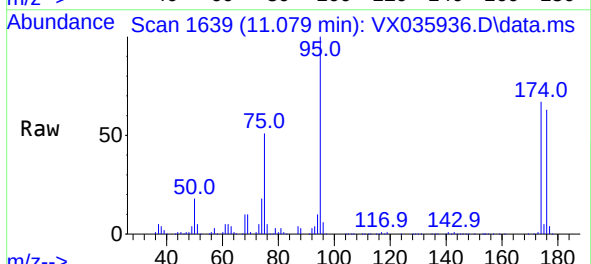
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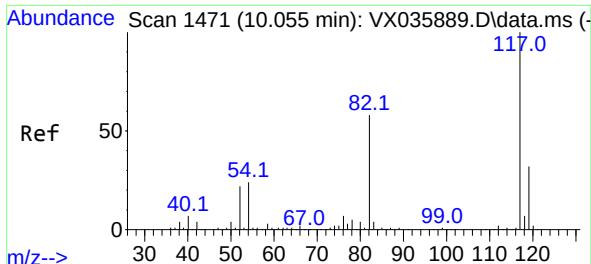
Tgt Ion: 43 Resp: 2114
Ion Ratio Lower Upper
43 100
58 166.4 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 46.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion: 95 Resp: 158242
Ion Ratio Lower Upper
95 100
174 70.5 0.0 132.6
176 66.8 0.0 128.0

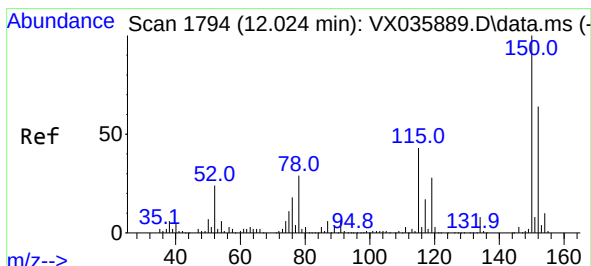
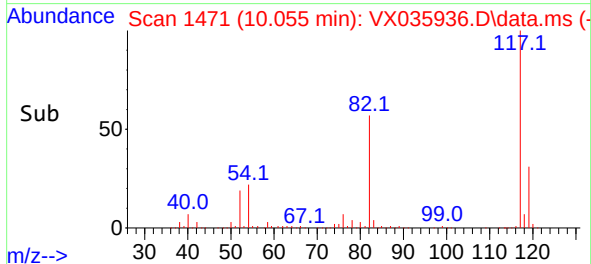
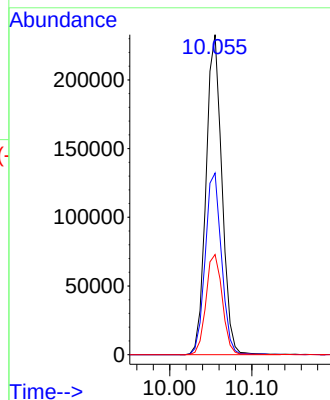
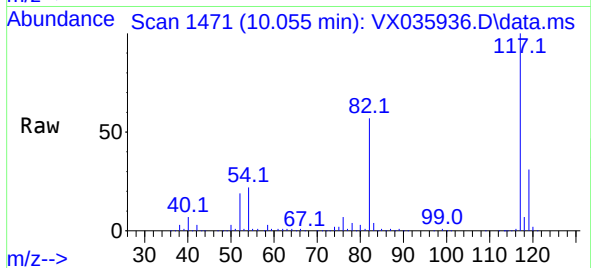




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

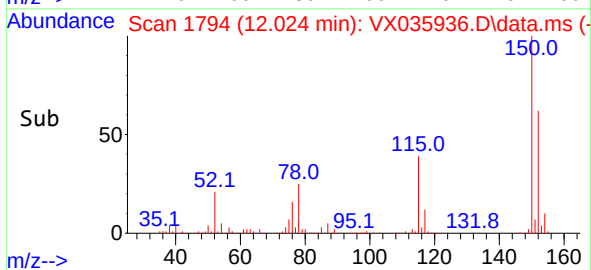
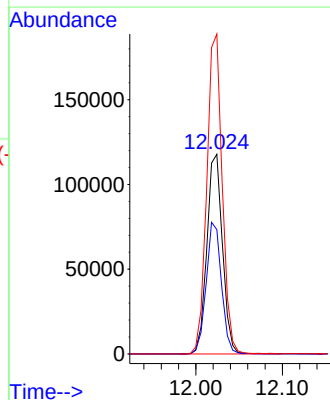
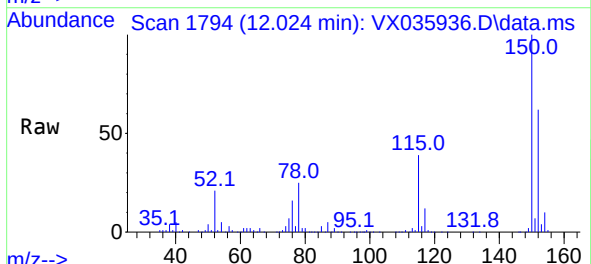
Instrument :
MSVOA_X
ClientSampleId :
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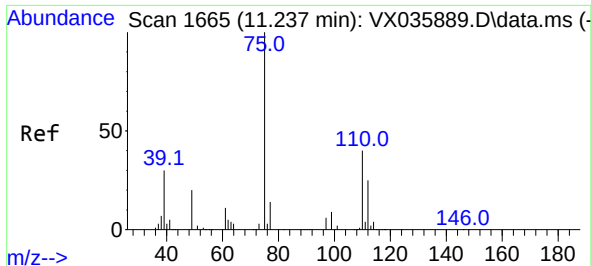
Tgt Ion:117 Resp: 312259
Ion Ratio Lower Upper
117 100
82 56.7 46.6 69.8
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion:152 Resp: 147640
Ion Ratio Lower Upper
152 100
115 64.5 45.5 136.5
150 157.9 0.0 345.2

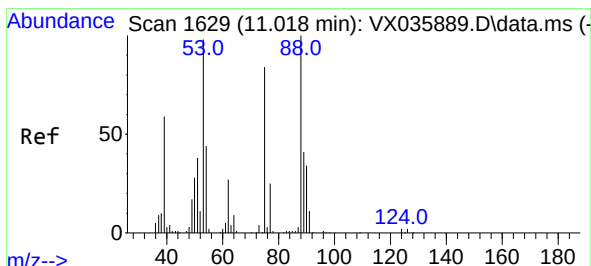
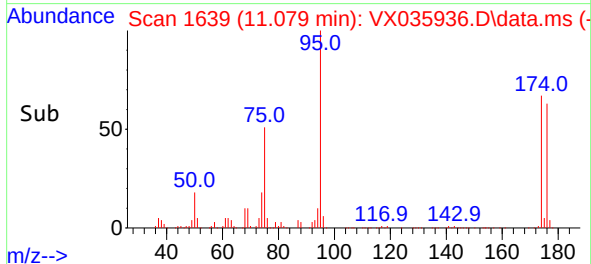
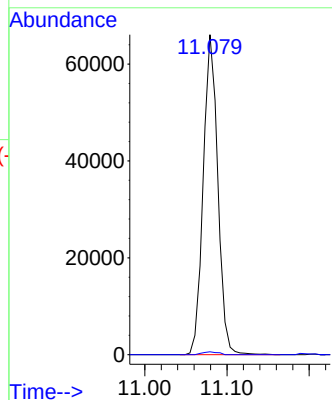
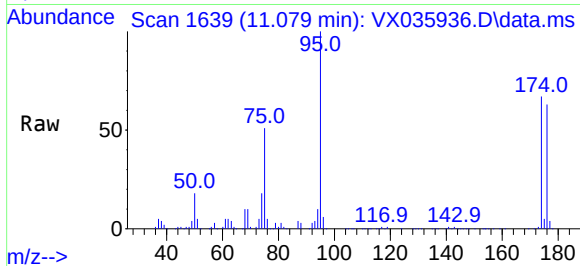




#76
1,2,3-Trichloropropane
Concen: 24.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 81277
Ion Ratio Lower Upper
75 100
77 1.0 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035936.D
Acq: 31 May 2023 15:11

Tgt Ion: 75 Resp: 81277
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

