

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035237.D
 Acq On : 21 Apr 2023 17:36
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 22 01:06:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

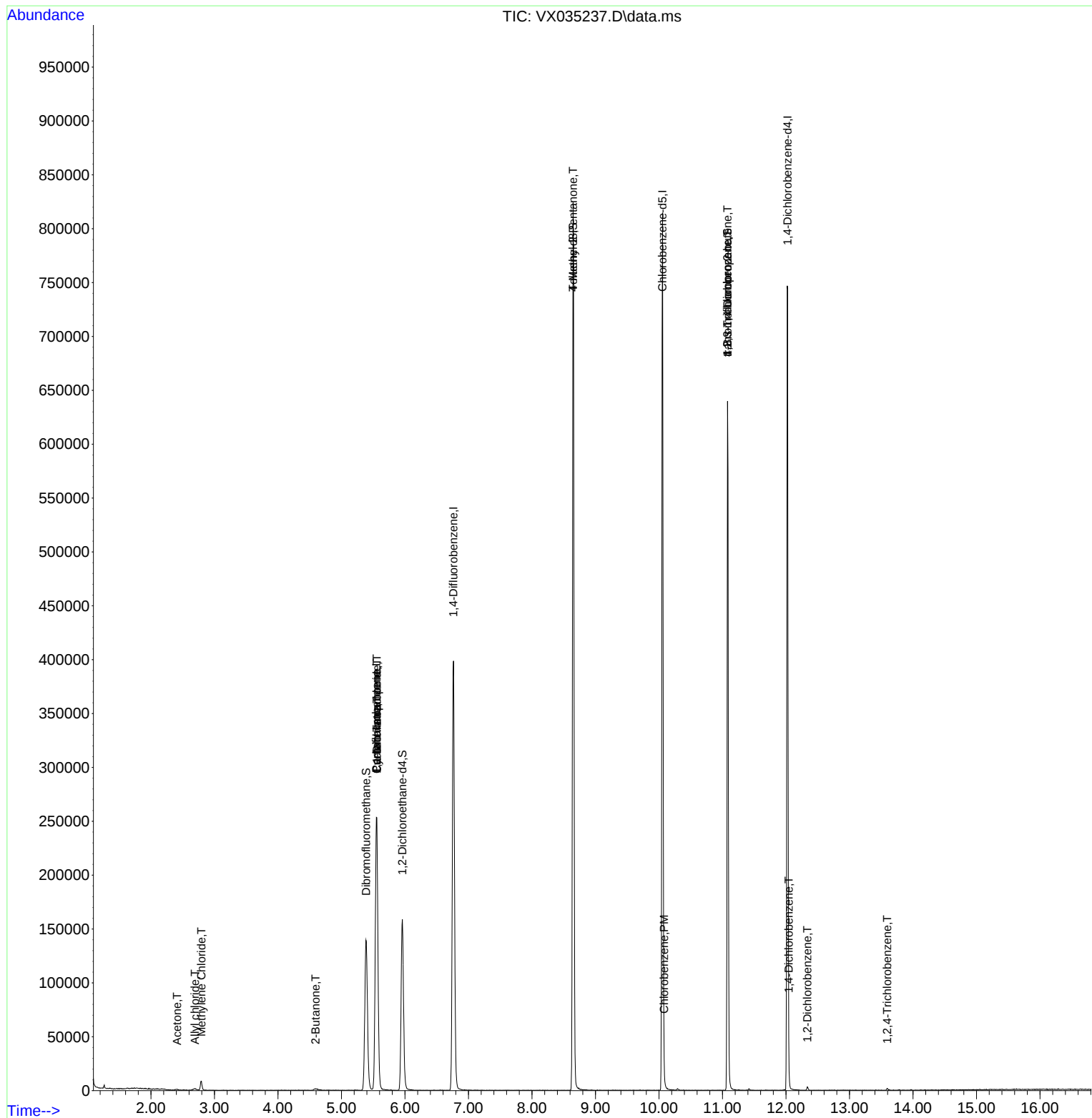
Internal Standards						
1) Pentafluorobenzene	5.550	168	250808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	415407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152975	39.881	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.760%		
35) Dibromofluoromethane	5.385	113	125576	45.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.400%		
50) Toluene-d8	8.647	98	494370	48.747	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.500%		
62) 4-Bromofluorobenzene	11.079	95	177420	45.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.420%		
Target Compounds						Qvalue
14) Allyl chloride	2.691	41	2289	0.454	ug/l #	42
16) Acetone	2.410	43	1316	0.845	ug/l #	66
20) Methylene Chloride	2.794	84	4022	1.308	ug/l #	80
25) 2-Butanone	4.593	43	720	0.318	ug/l #	85
31) Cyclohexane	5.556	56	4719	1.010	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19065	4.684	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24778	6.456	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1940	0.460	ug/l #	1
65) Chlorobenzene	10.080	112	1818	0.235	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	88903	26.709	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88903	80.046	ug/l #	8
88) 1,4-Dichlorobenzene	12.043	146	1818	0.319	ug/l #	18
91) 1,2-Dichlorobenzene	12.335	146	1184	0.217	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	651	0.210	ug/l	91

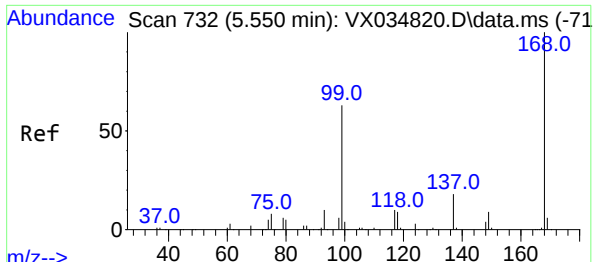
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
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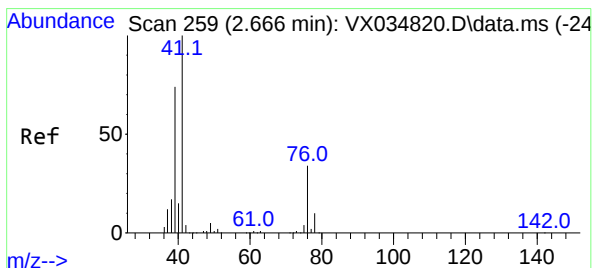
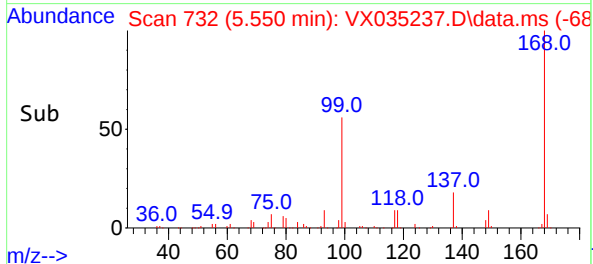
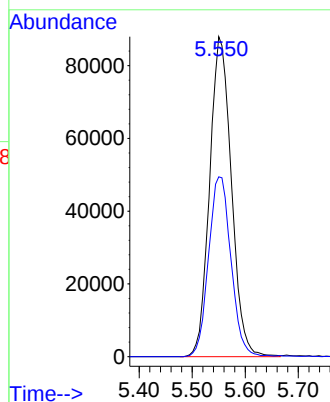
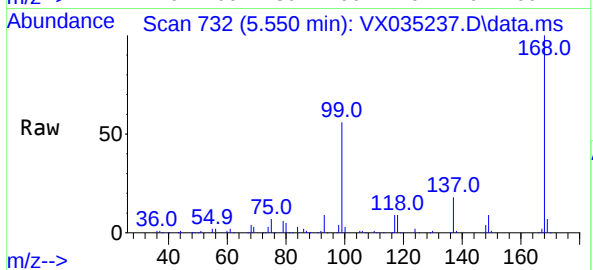




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

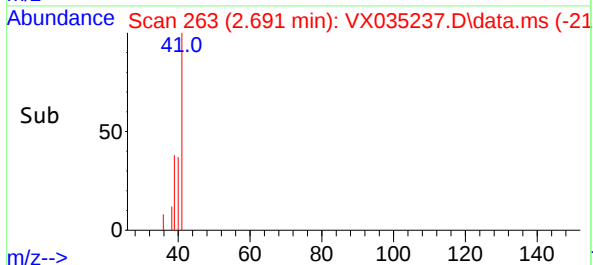
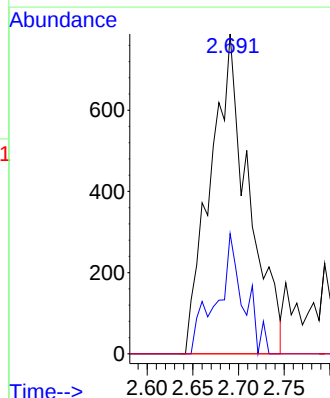
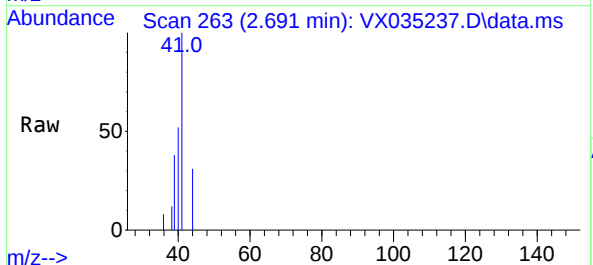
Instrument :
MSVOA_X
ClientSampleId :
IBLK

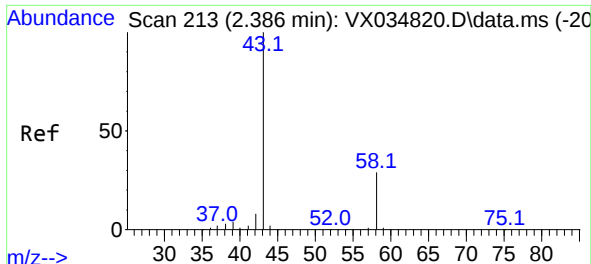
Tgt Ion:168 Resp: 250808
Ion Ratio Lower Upper
168 100
99 56.2 45.7 68.5



#14
Allyl chloride
Concen: 0.454 ug/l
RT: 2.691 min Scan# 263
Delta R.T. 0.024 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Tgt Ion: 41 Resp: 2289
Ion Ratio Lower Upper
41 100
39 19.8 52.4 78.6#
76 0.0 26.0 39.0#

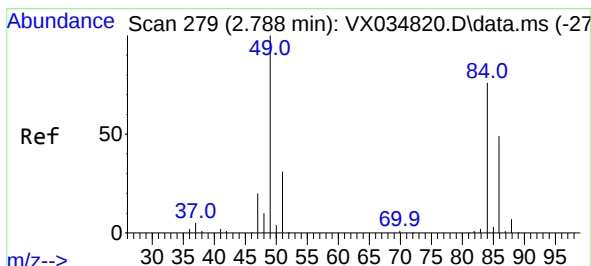
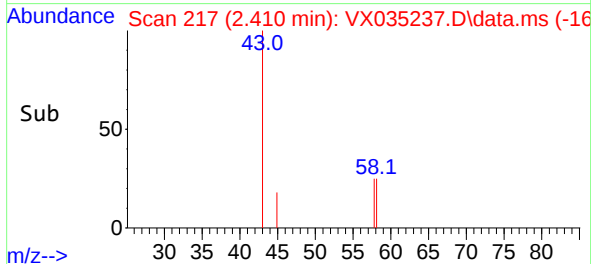
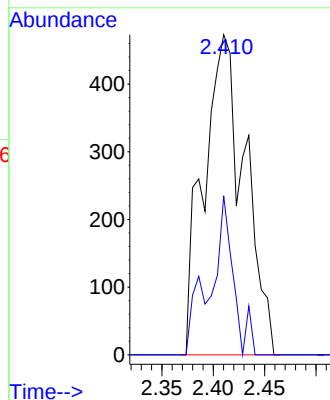
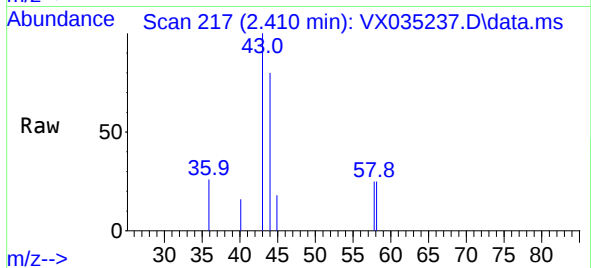




#16
Acetone
Concen: 0.845 ug/l
RT: 2.410 min Scan# 213
Delta R.T. 0.024 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

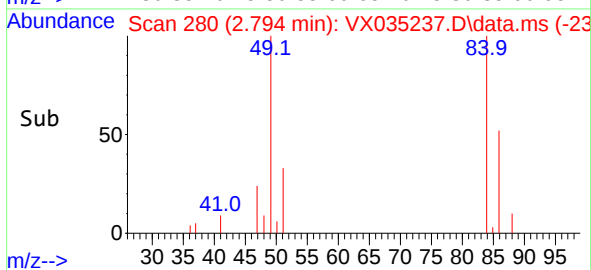
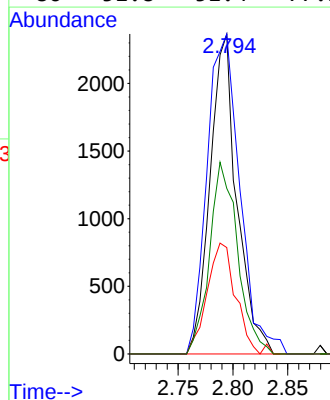
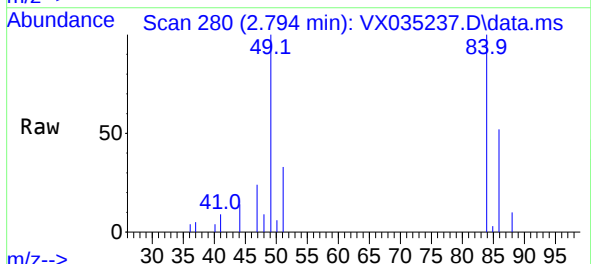
Instrument :
MSVOA_X
ClientSampleId :
IBLK

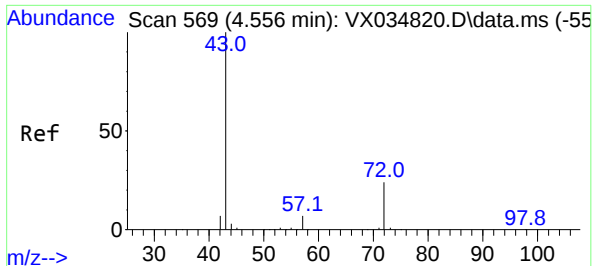
Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
58 49.7 24.7 37.1#



#20
Methylene Chloride
Concen: 1.308 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Tgt Ion: 84 Resp: 4022
Ion Ratio Lower Upper
84 100
49 100.2 103.8 155.8#
51 33.3 31.8 47.8
86 51.8 51.4 77.2

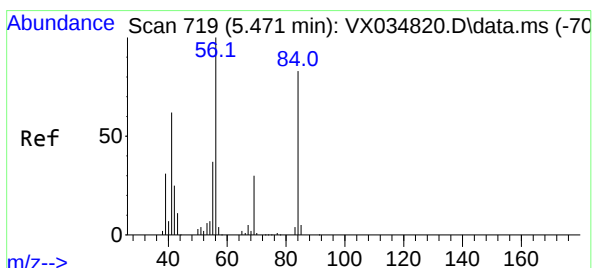
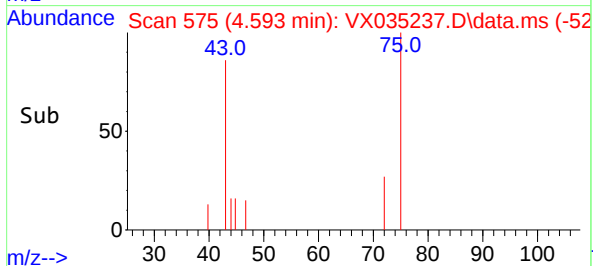
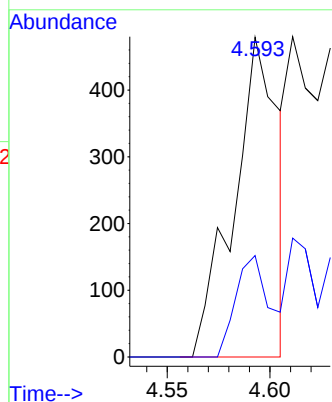
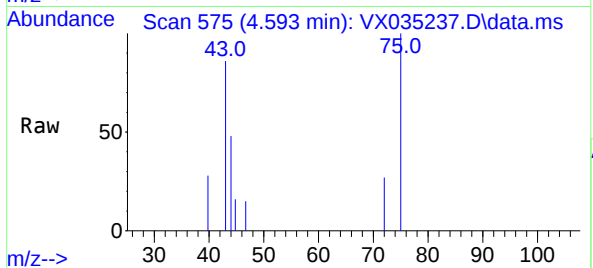




#25
2-Butanone
Concen: 0.318 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

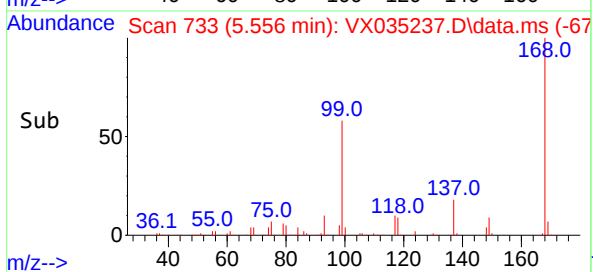
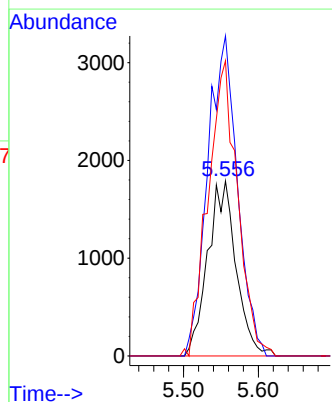
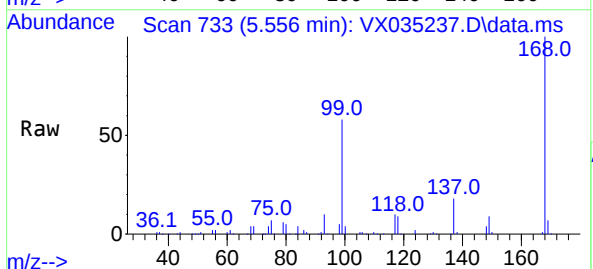
Instrument :
MSVOA_X
ClientSampleId :
IBLK

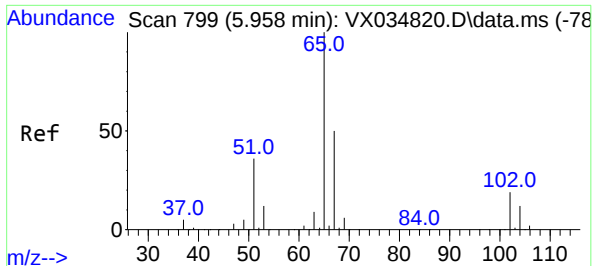
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
72 31.7 19.3 28.9#



#31
Cyclohexane
Concen: 1.010 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Tgt Ion: 56 Resp: 4719
Ion Ratio Lower Upper
56 100
69 183.0 23.7 35.5#
84 168.8 68.5 102.7#

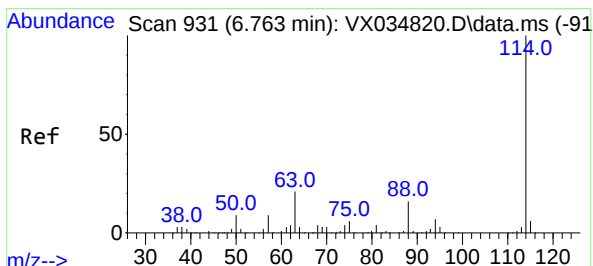
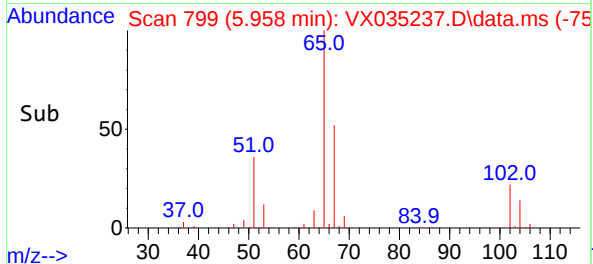
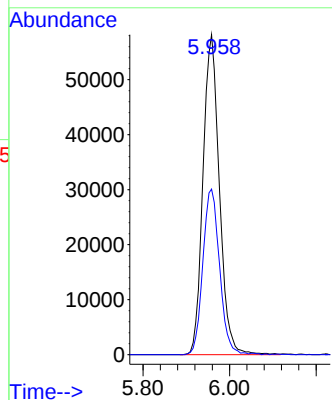
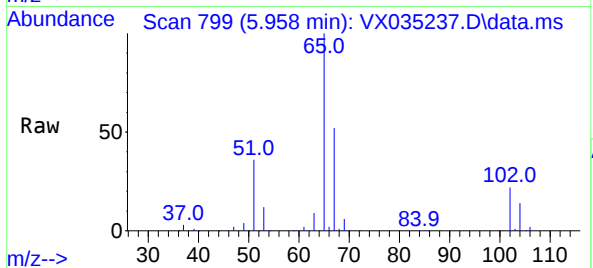




#33
1,2-Dichloroethane-d4
Concen: 39.881 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

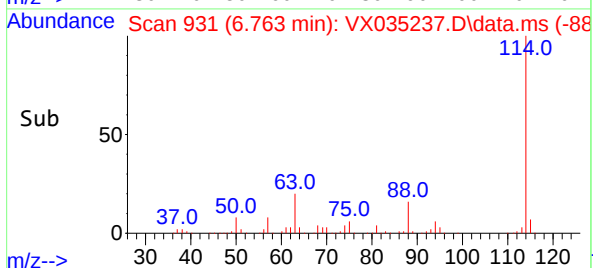
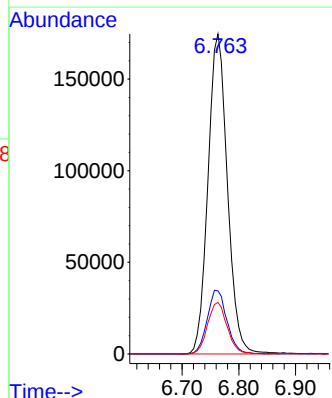
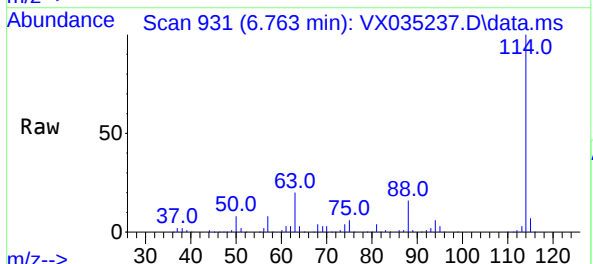
Instrument :
MSVOA_X
ClientSampleId :
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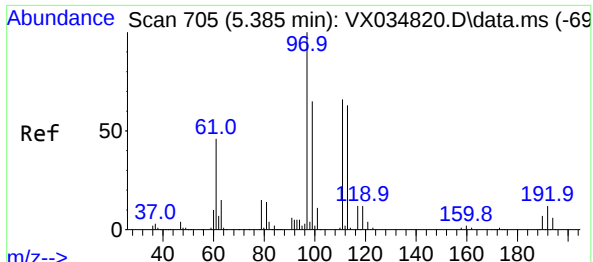
Tgt Ion: 65 Resp: 152975
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Tgt Ion: 114 Resp: 415407
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.2
88 16.1 0.0 33.2

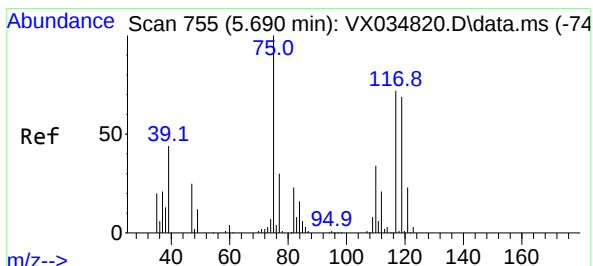
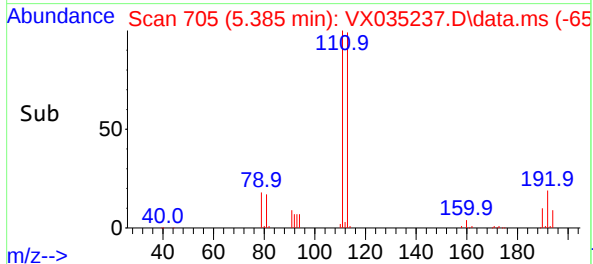
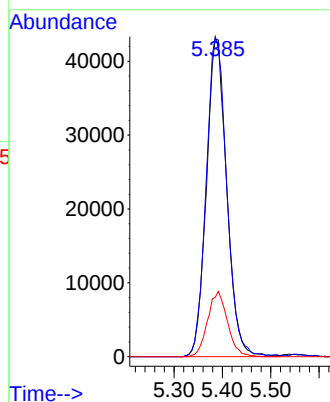
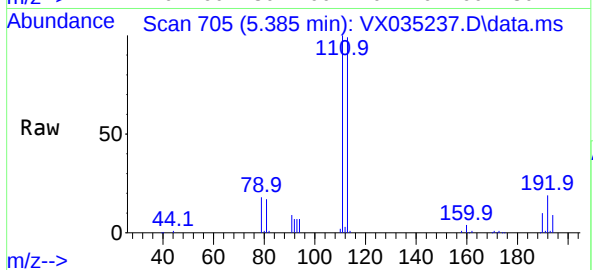




#35
Dibromofluoromethane
Concen: 45.704 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

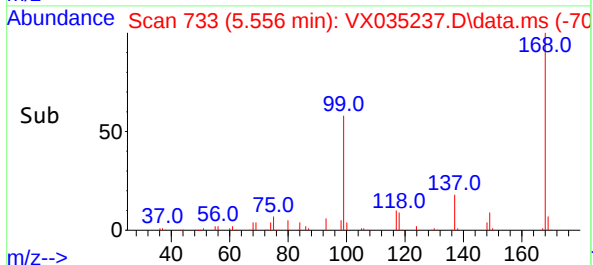
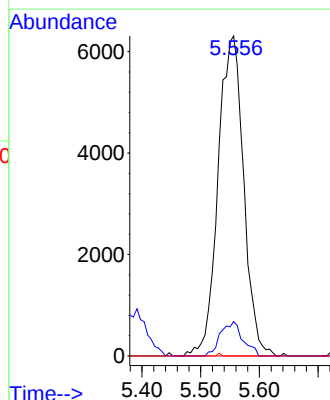
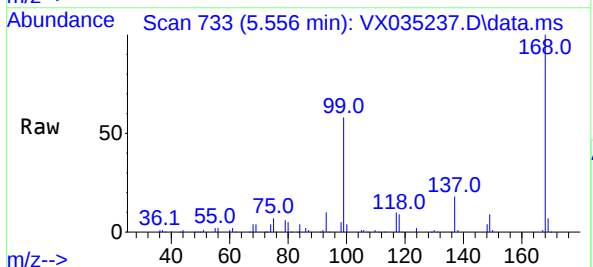
Instrument :
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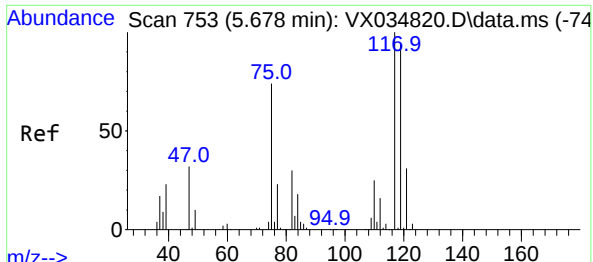
Tgt Ion:113 Resp: 125576
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 20.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

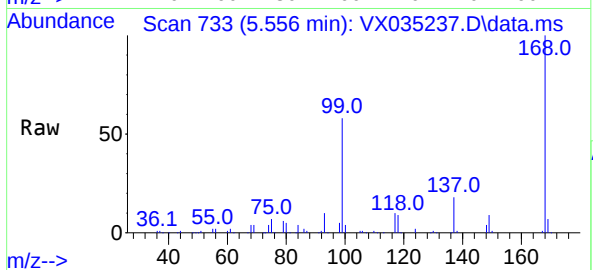
Tgt Ion: 75 Resp: 19065
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



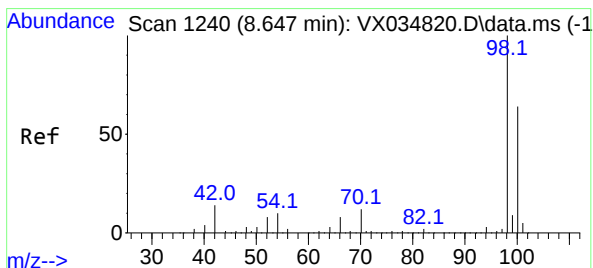
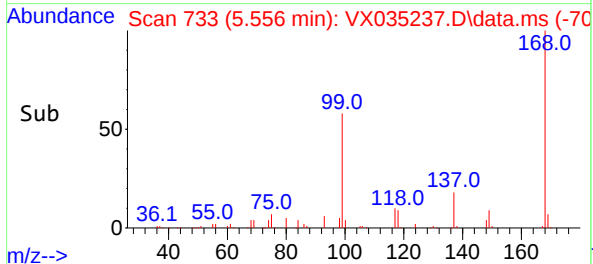
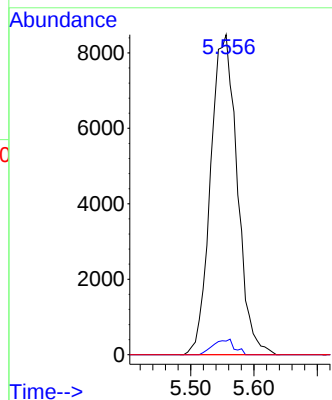


#38
Carbon Tetrachloride
Concen: 6.456 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
IBLK

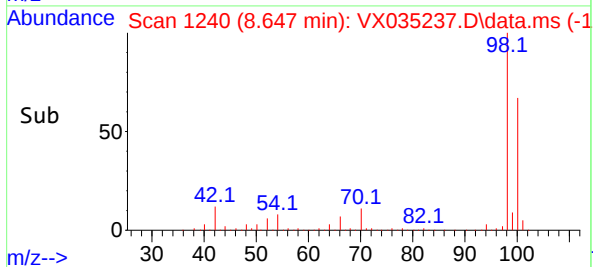
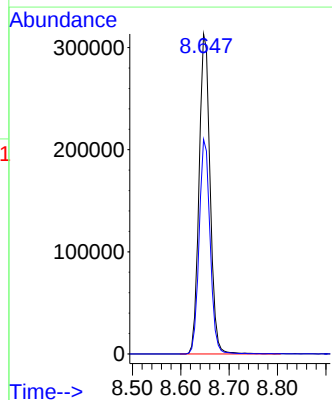
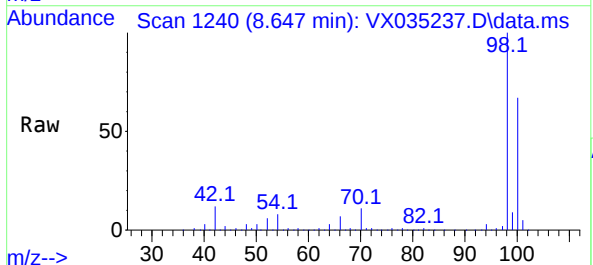


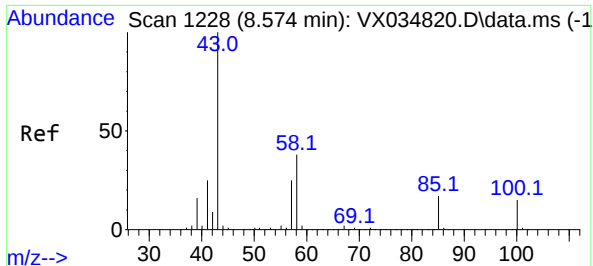
Tgt Ion:117 Resp: 24778
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.747 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Tgt Ion: 98 Resp: 494370
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.460 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035237.D

Acq: 21 Apr 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

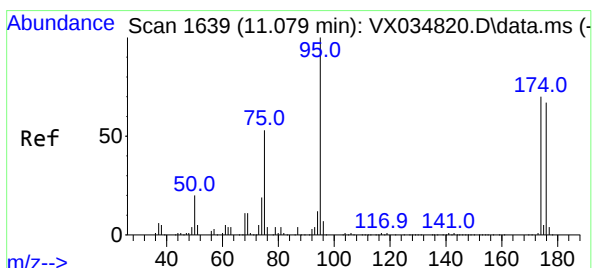
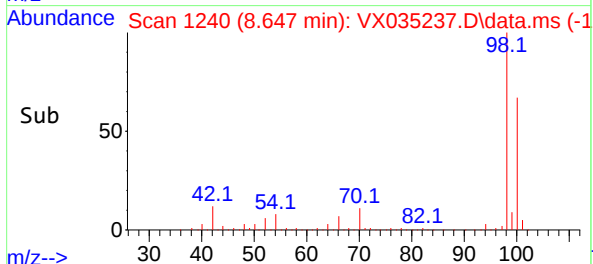
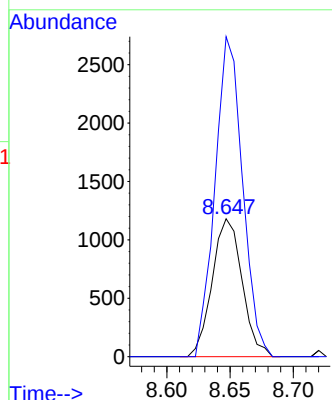
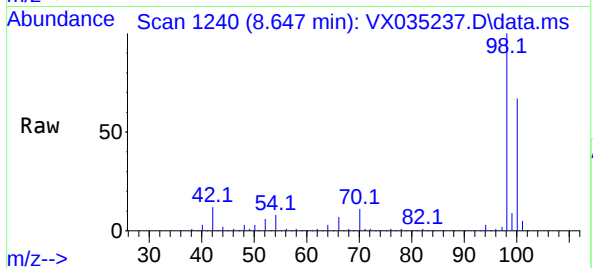
IBLK

Tgt Ion: 43 Resp: 1940

Ion Ratio Lower Upper

43 100

58 213.9 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 45.208 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035237.D

Acq: 21 Apr 2023 17:36

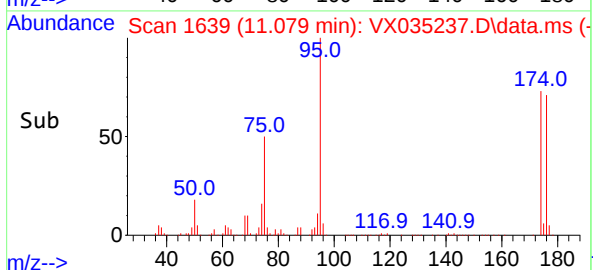
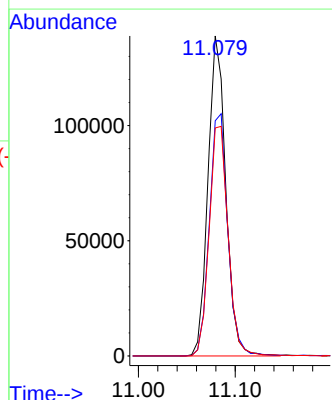
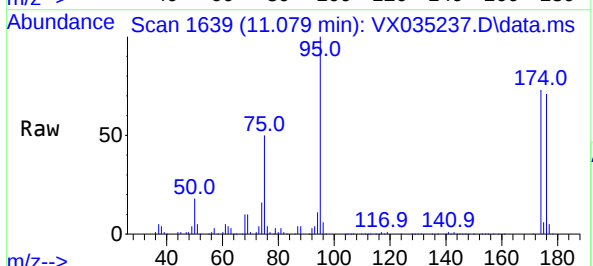
Tgt Ion: 95 Resp: 177420

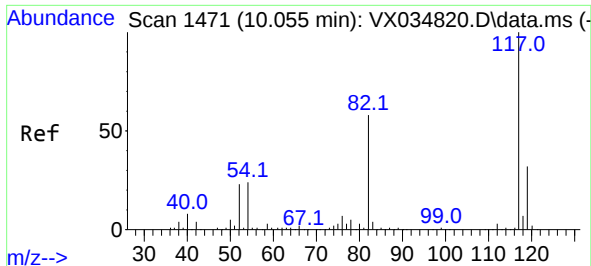
Ion Ratio Lower Upper

95 100

174 78.6 0.0 147.4

176 76.5 0.0 140.6

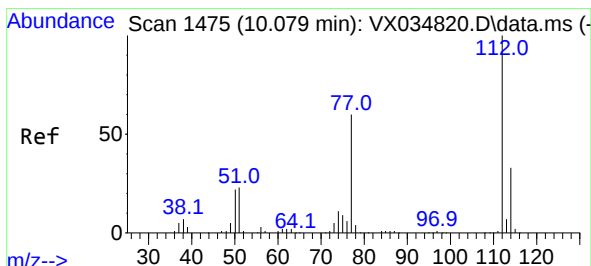
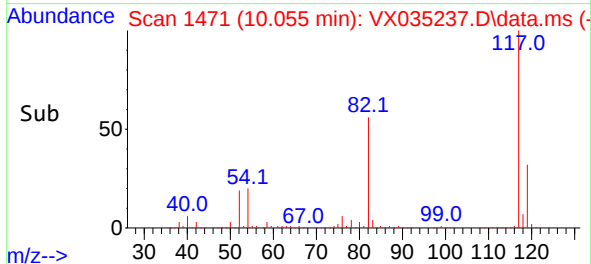
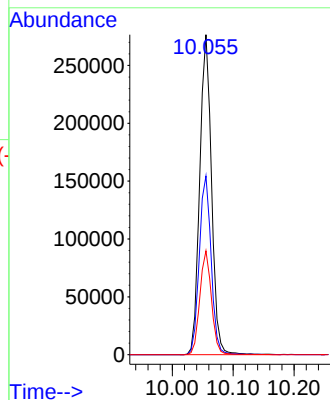
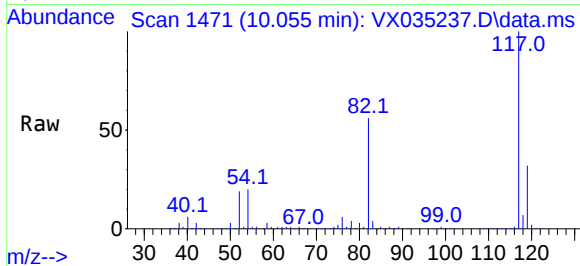




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

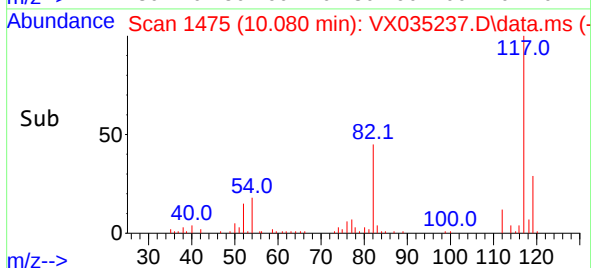
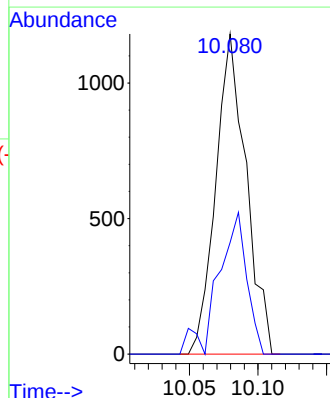
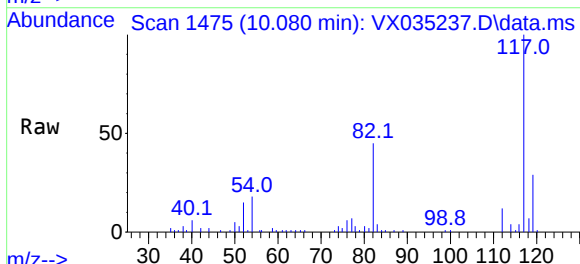
Instrument :
MSVOA_X
ClientSampleId :
IBLK

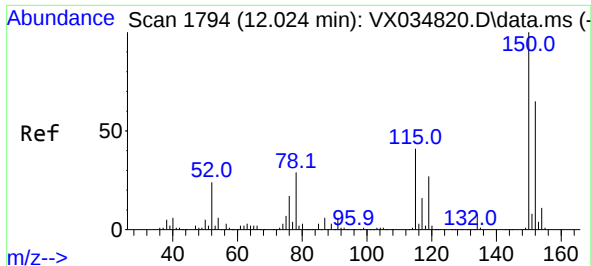
Tgt Ion:117 Resp: 372583
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.4 26.0 39.0



#65
Chlorobenzene
Concen: 0.235 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Tgt Ion:112 Resp: 1818
Ion Ratio Lower Upper
112 100
114 34.9 26.2 39.2

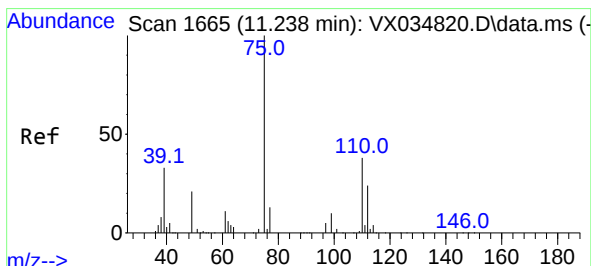
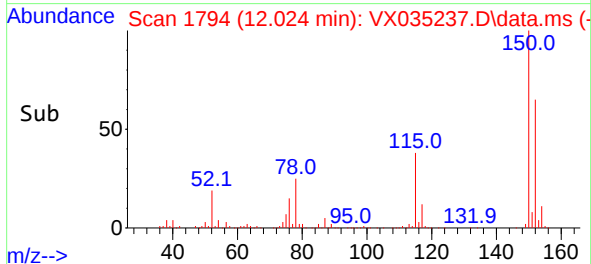
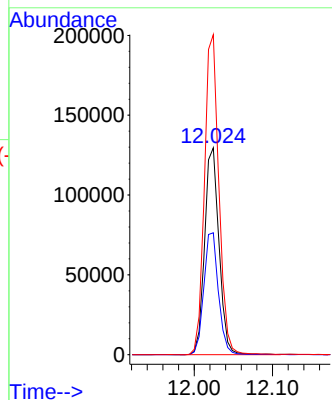
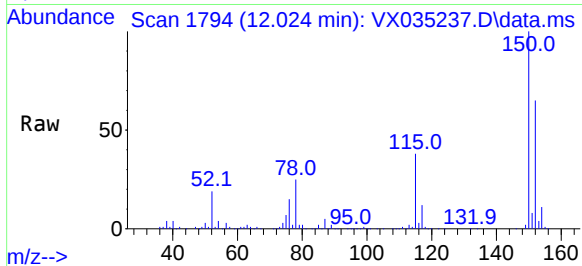




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

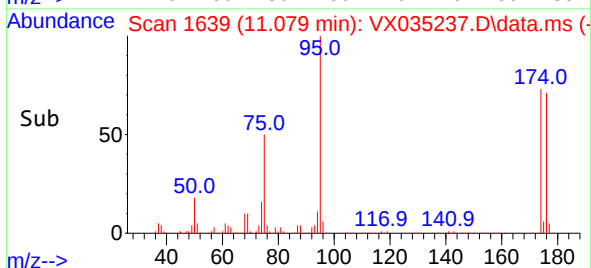
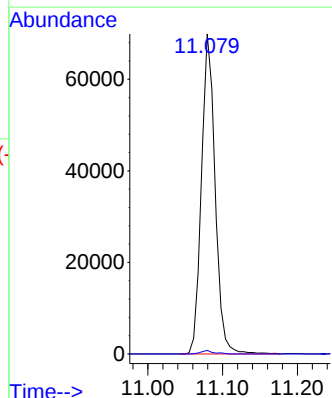
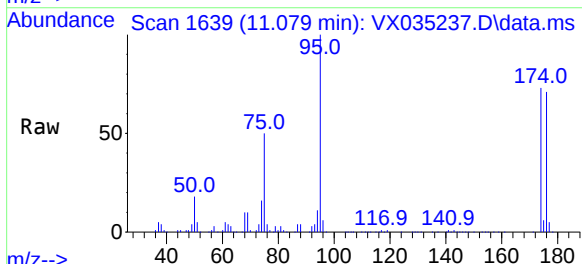
Instrument :
MSVOA_X
ClientSampleId :
IBLK

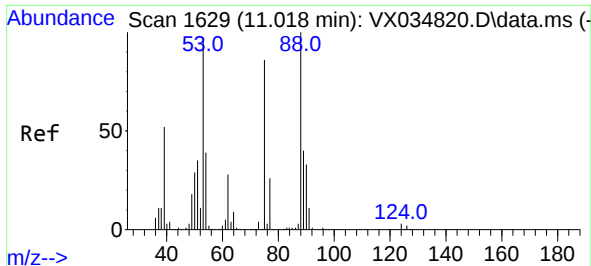
Tgt Ion:152 Resp: 165193
Ion Ratio Lower Upper
152 100
115 60.1 45.0 135.0
150 155.0 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Tgt Ion: 75 Resp: 88903
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#

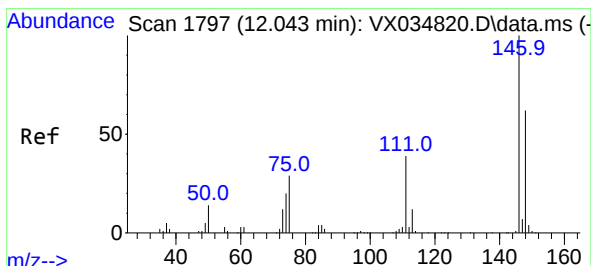
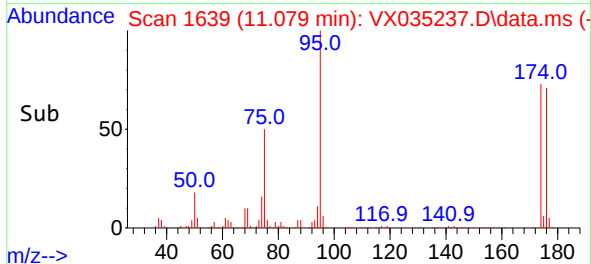
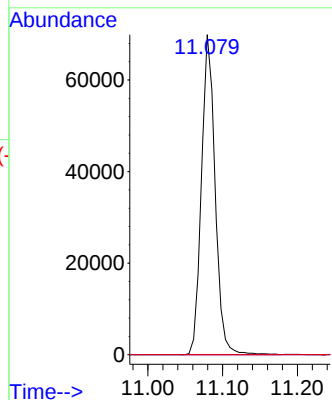
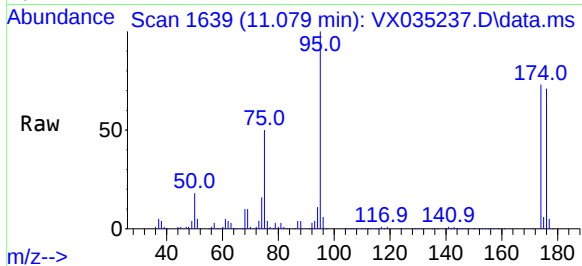




#81
trans-1,4-Dichloro-2-butene
Concen: 80.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

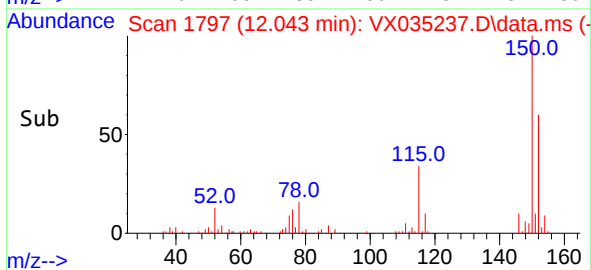
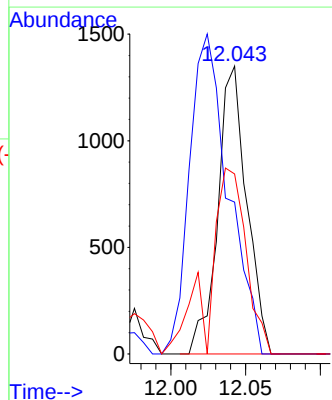
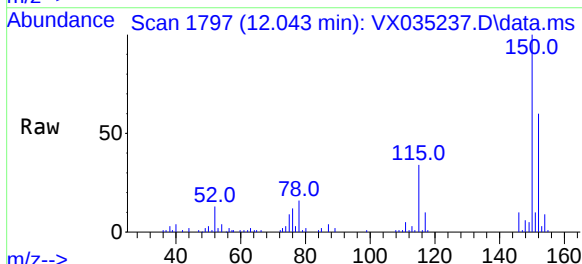
Instrument :
MSVOA_X
ClientSampleId :
IBLK

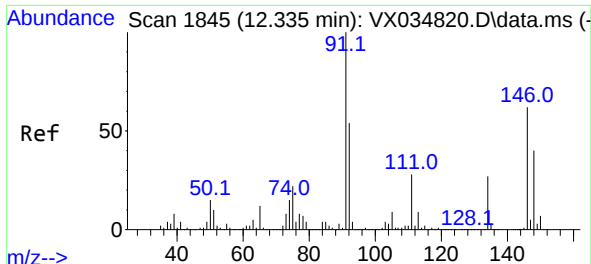
Tgt Ion: 75 Resp: 88903
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#88
1,4-Dichlorobenzene
Concen: 0.319 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Tgt Ion:146 Resp: 1818
Ion Ratio Lower Upper
146 100
111 149.0 20.6 61.9#
148 82.0 31.8 95.4

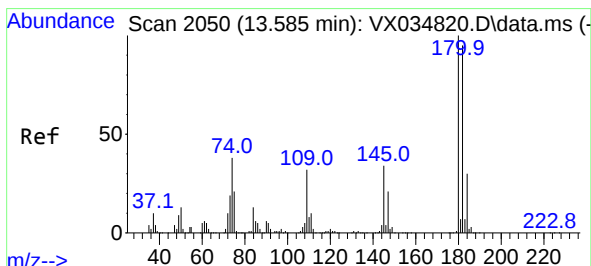
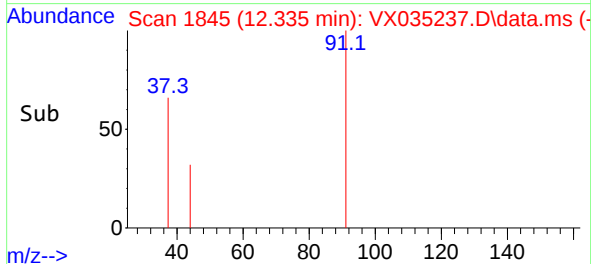
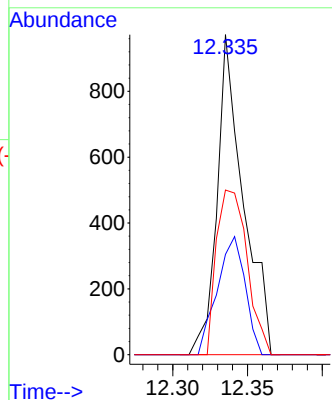
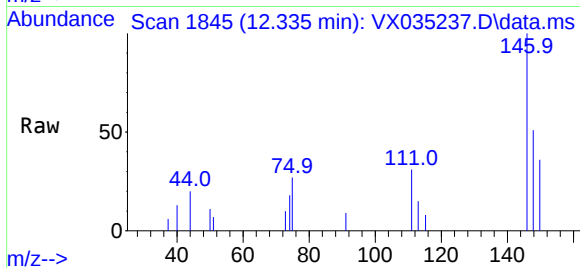




#91
1,2-Dichlorobenzene
Concen: 0.217 ug/l
RT: 12.335 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	146	Resp:	1184
Ion	Ratio	Lower	Upper
146	100		
111	39.4	22.0	66.0
148	60.3	32.0	96.0



#93
1,2,4-Trichlorobenzene
Concen: 0.210 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035237.D
Acq: 21 Apr 2023 17:36

Tgt Ion:	180	Resp:	651
Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.0	141.0
145	18.6	15.9	47.7

