

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037209.D
 Acq On : 24 Aug 2023 12:17
 Operator : JC/MD
 Sample : 04093-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 23:37:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

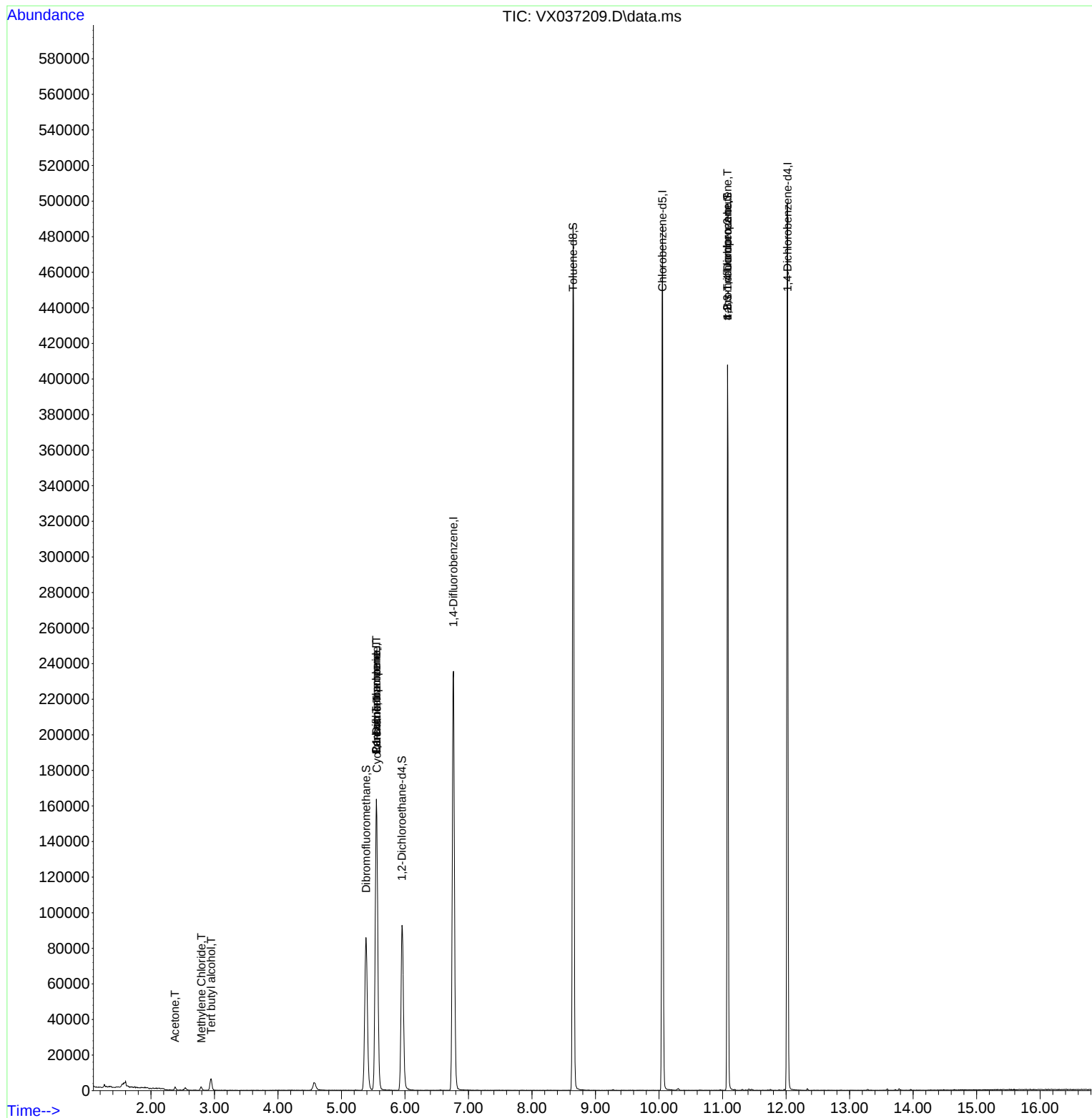
Internal Standards						
1) Pentafluorobenzene	5.550	168	150126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95031	43.908	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.820%
35) Dibromofluoromethane	5.385	113	75872	46.153	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	8.647	98	290951	48.792	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	112249	47.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	3806	7.497	ug/l #	78
16) Acetone	2.380	43	1837	2.170	ug/l	98
20) Methylene Chloride	2.794	84	1009	0.533	ug/l #	86
31) Cyclohexane	5.556	56	3212	1.320	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	11971	5.126	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16490	6.500	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	57225	25.322	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57225	70.725	ug/l #	5

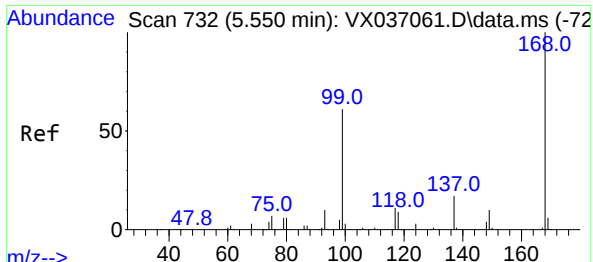
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

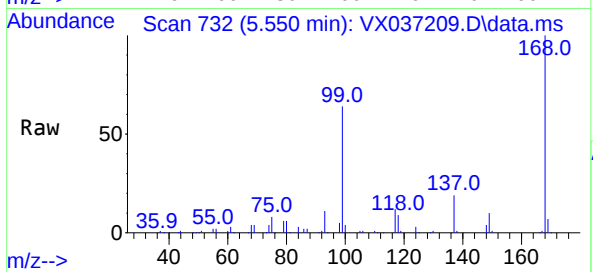
Quant Time: Aug 24 23:37:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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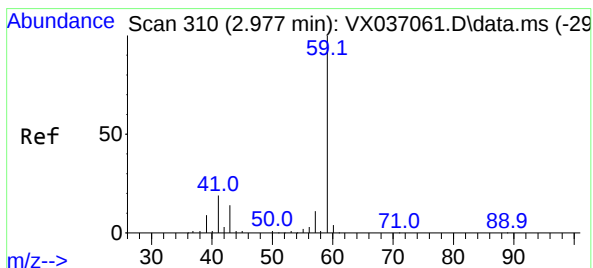
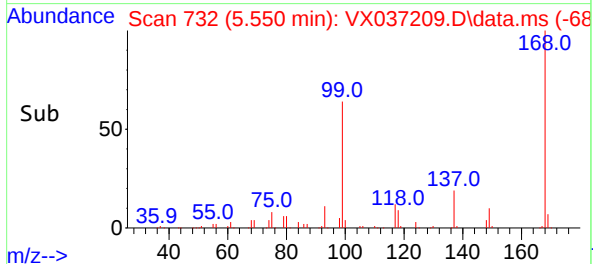
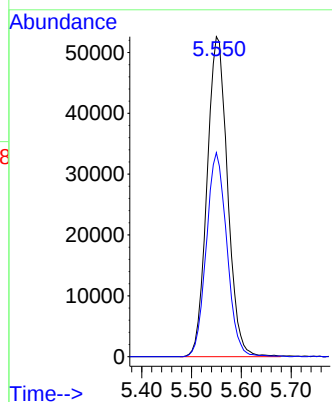


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

Instrument :
MSVOA_X
ClientSampleId :

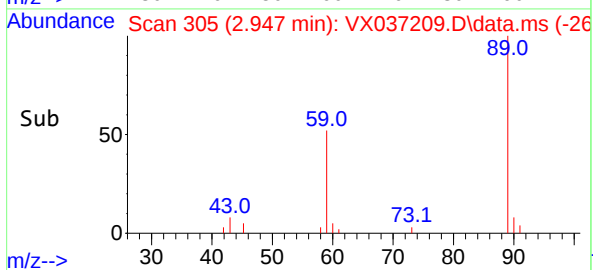
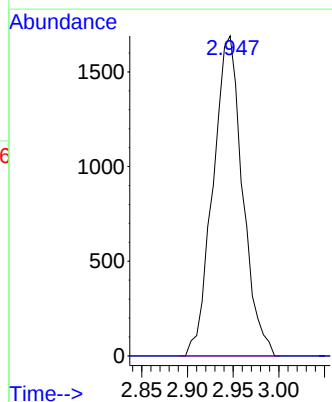
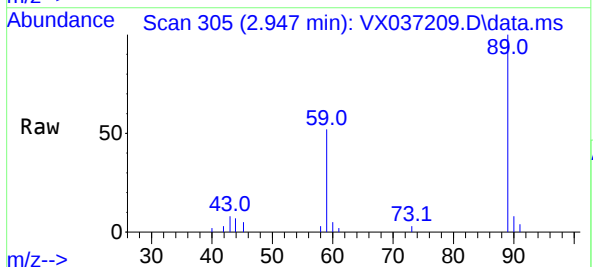


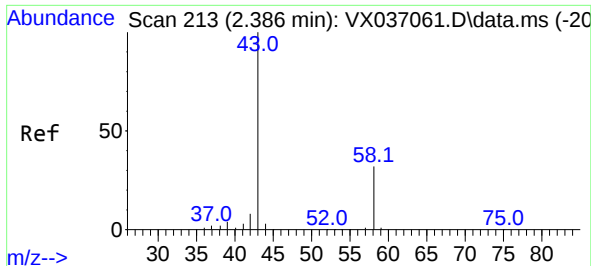
Tgt Ion:168 Resp: 150126
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 7.497 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

Tgt Ion: 59 Resp: 3806
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

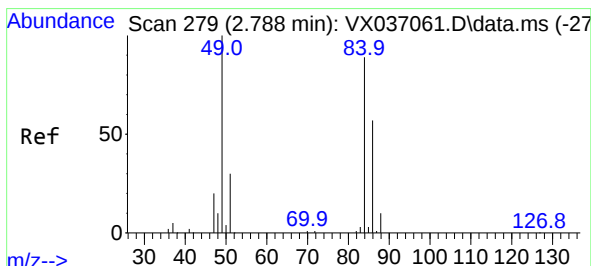
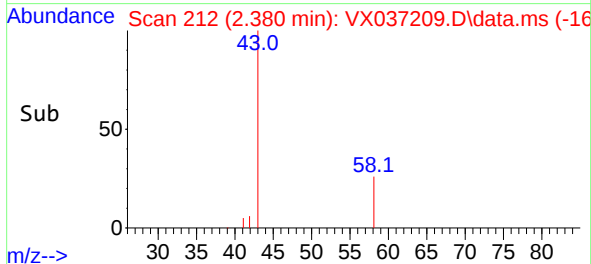
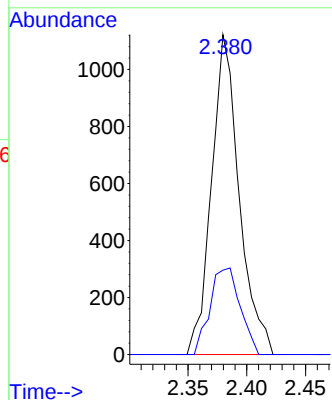
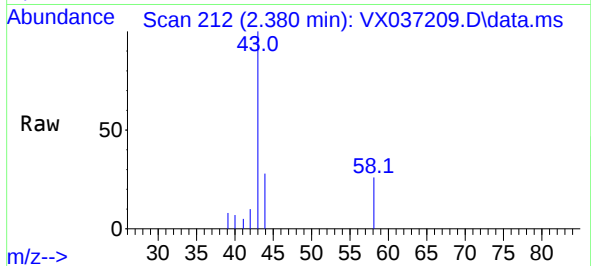




#16
Acetone
Concen: 2.170 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

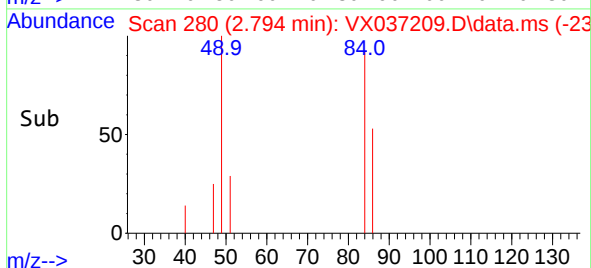
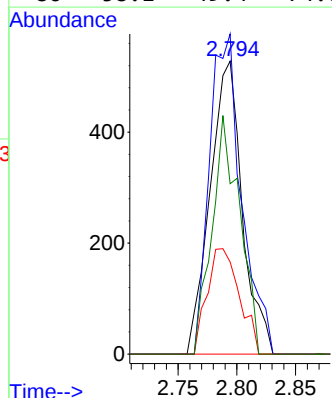
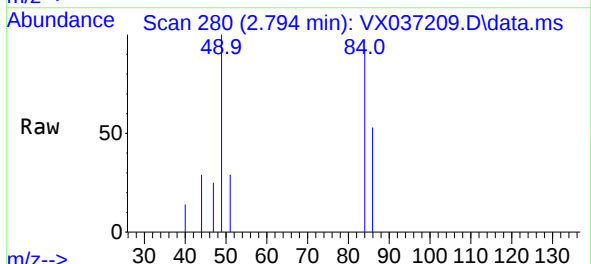
Instrument :
MSVOA_X
ClientSampleId :

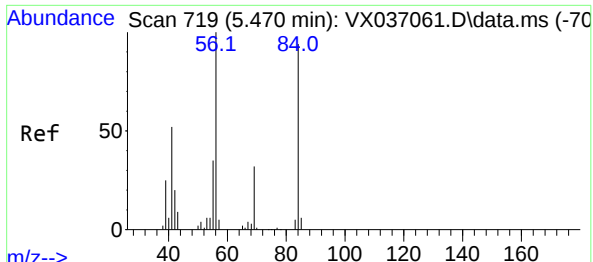
Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
58 26.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.533 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

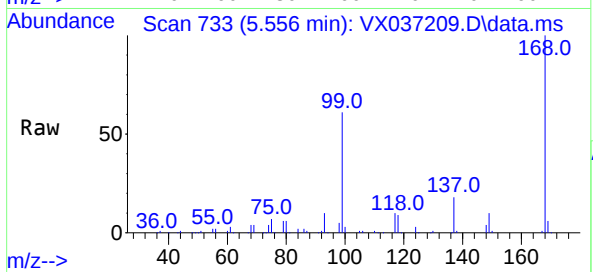
Tgt Ion: 84 Resp: 1009
Ion Ratio Lower Upper
84 100
49 109.3 103.6 155.4
51 31.4 33.8 50.6#
86 58.1 49.4 74.0



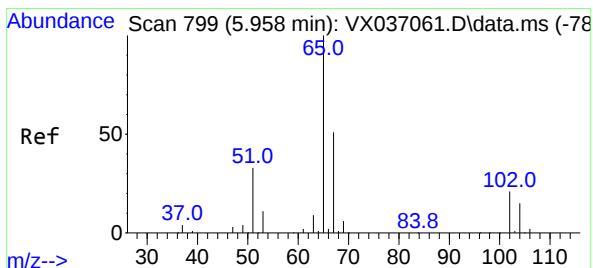
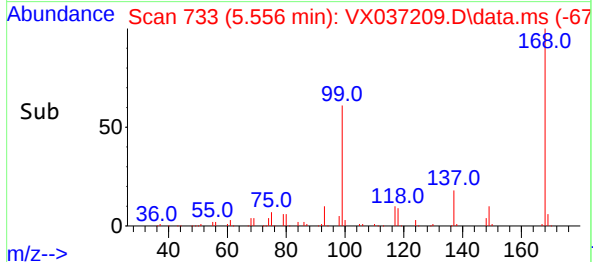
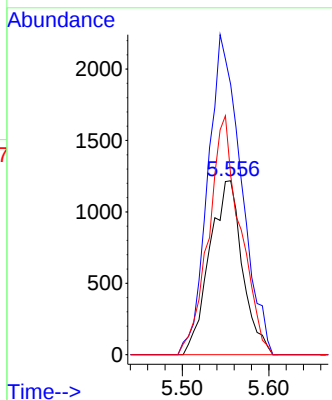


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

Instrument :
MSVOA_X
ClientSampleId :

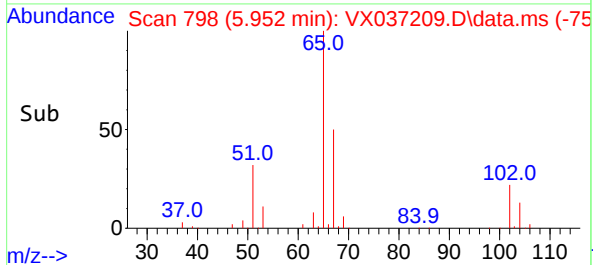
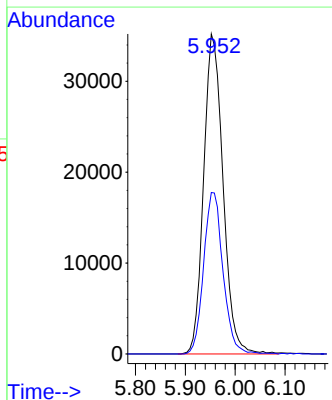
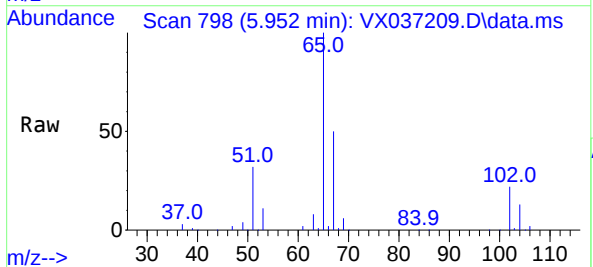


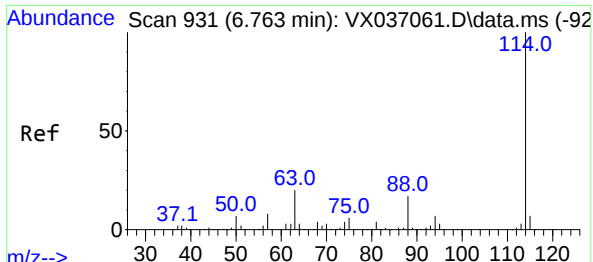
Tgt Ion: 56 Resp: 3212
Ion Ratio Lower Upper
56 100
69 155.3 23.4 35.2#
84 103.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.908 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

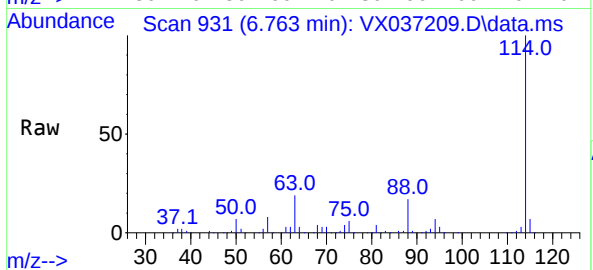
Tgt Ion: 65 Resp: 95031
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2



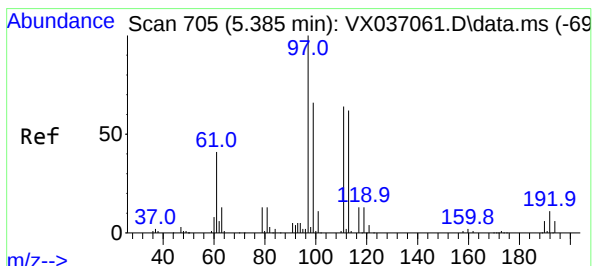
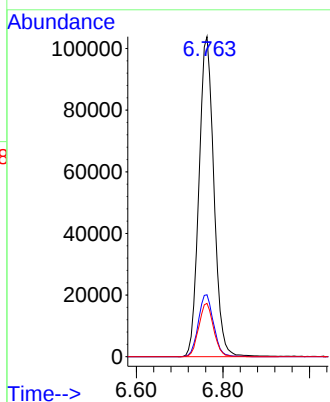
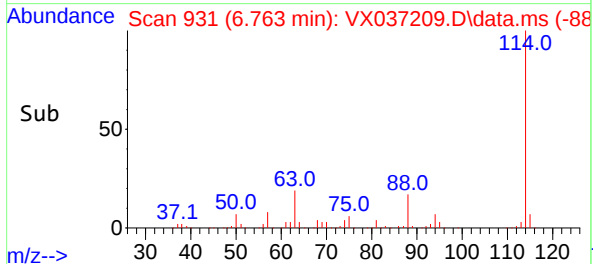


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

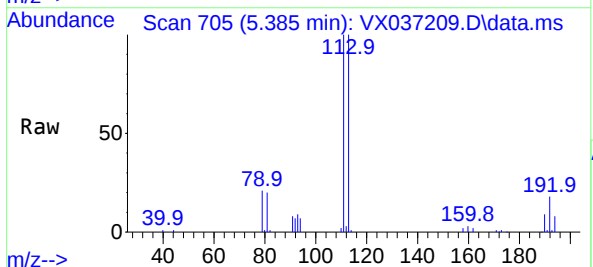
Instrument :
MSVOA_X
ClientSampleId :



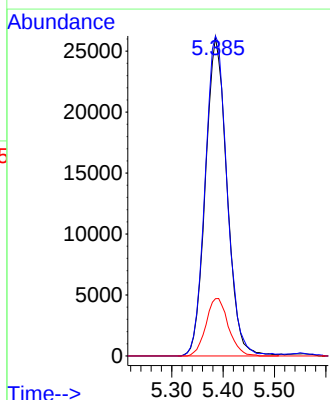
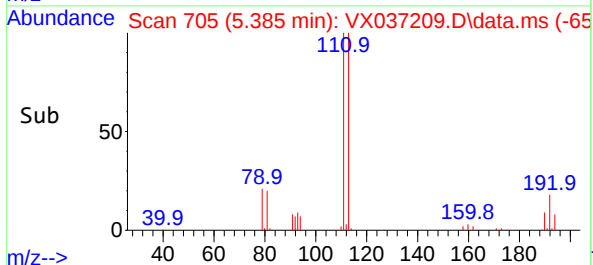
Tgt Ion:114 Resp: 248222
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 16.7 0.0 36.6

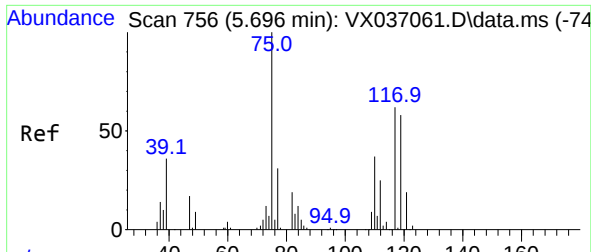


#35
Dibromofluoromethane
Concen: 46.153 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17



Tgt Ion:113 Resp: 75872
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.8 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.126 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

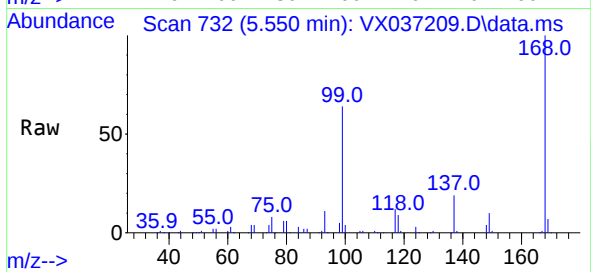
Lab File: VX037209.D

Acq: 24 Aug 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :



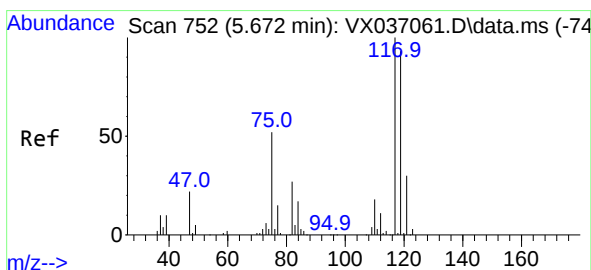
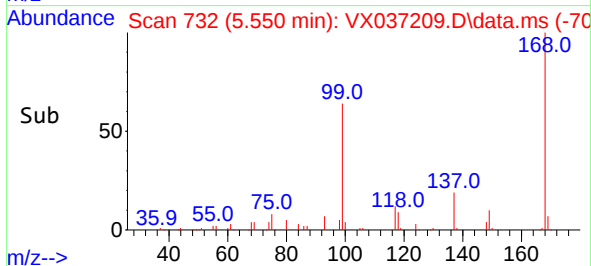
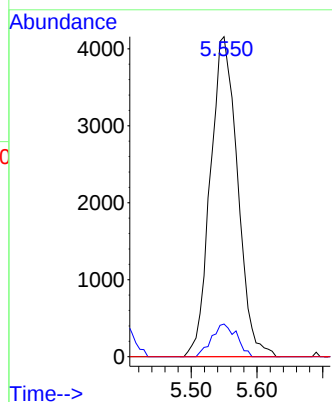
Tgt Ion: 75 Resp: 11971

Ion Ratio Lower Upper

75 100

110 9.3 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.500 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX037209.D

Acq: 24 Aug 2023 12:17

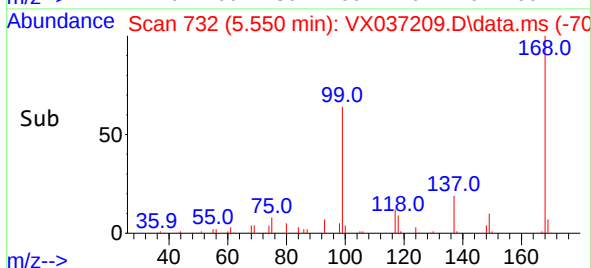
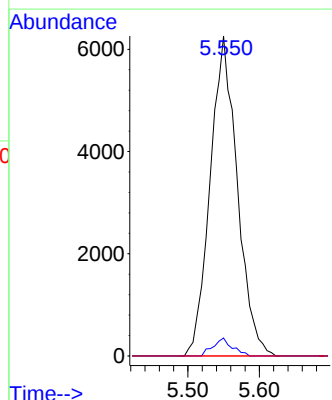
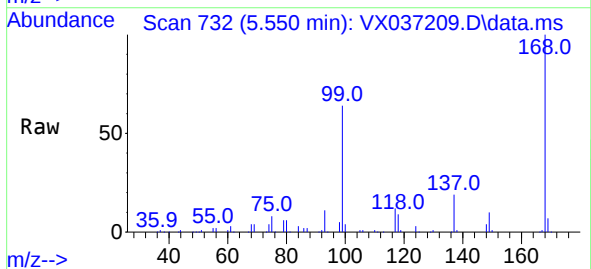
Tgt Ion: 117 Resp: 16490

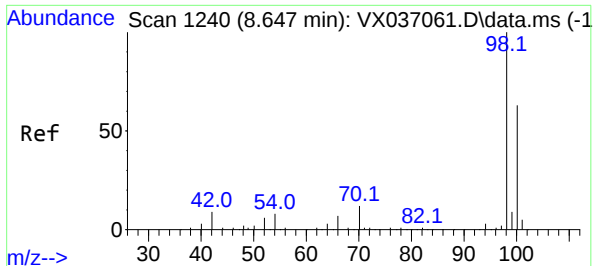
Ion Ratio Lower Upper

117 100

119 5.6 78.2 117.2#

121 0.0 24.4 36.6#

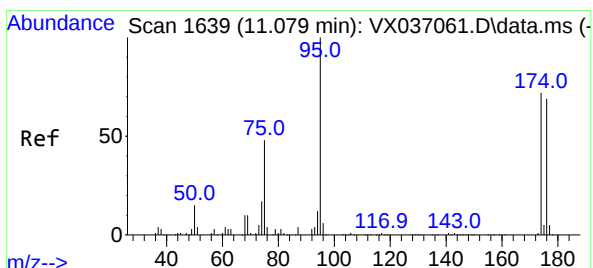
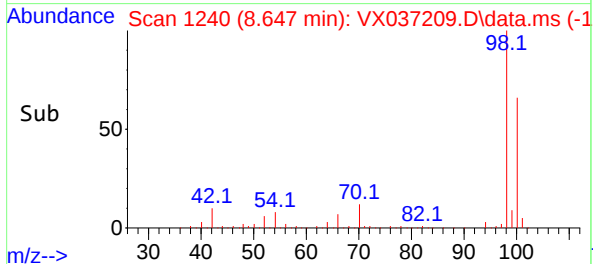
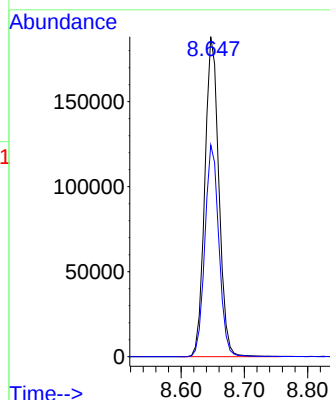
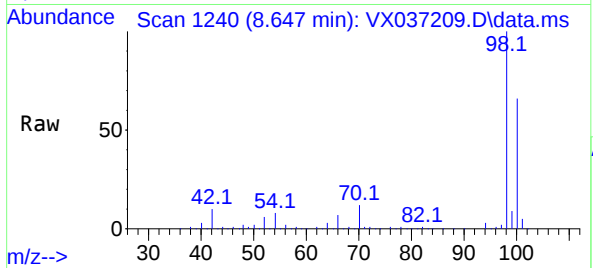




#50
Toluene-d8
Concen: 48.792 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

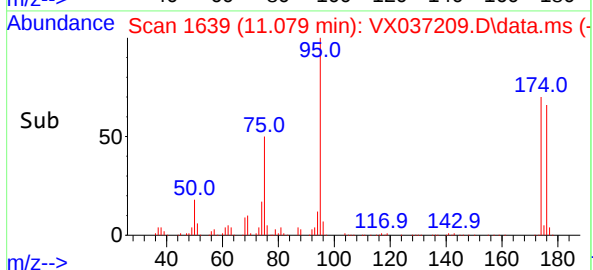
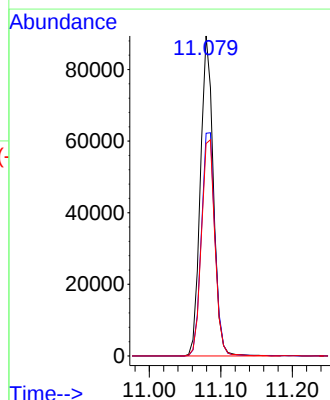
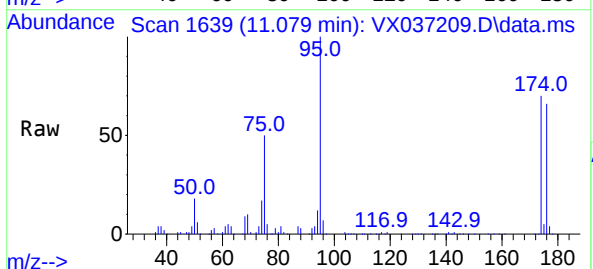
Instrument :
MSVOA_X
ClientSampleId :

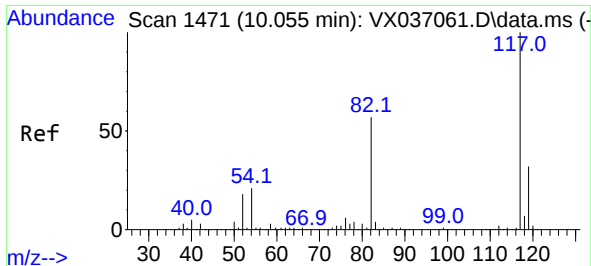
Tgt Ion: 98 Resp: 290951
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.900 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

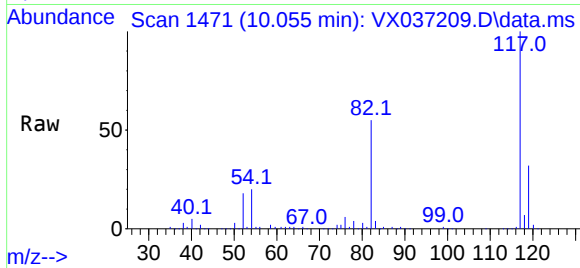
Tgt Ion: 95 Resp: 112249
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.7 0.0 131.0



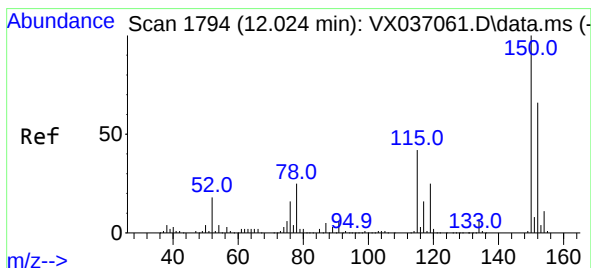
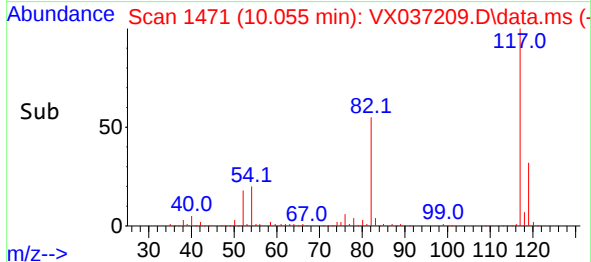
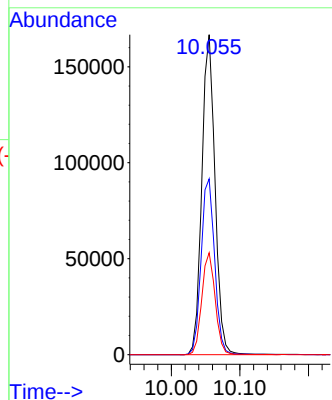


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

Instrument :
MSVOA_X
ClientSampleId :

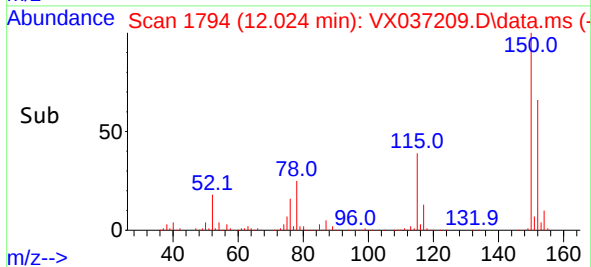
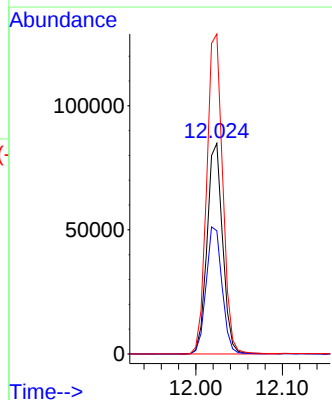
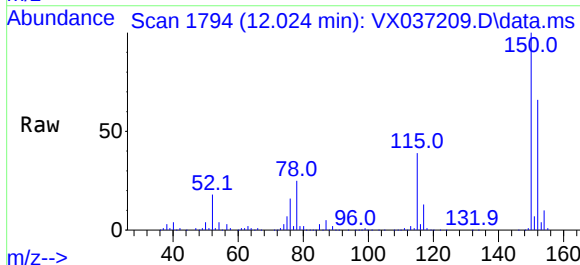


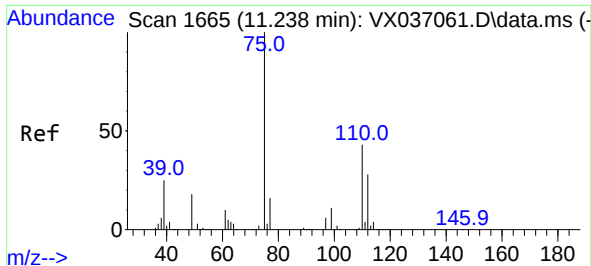
Tgt Ion:117 Resp: 223352
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

Tgt Ion:152 Resp: 106115
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 155.4 0.0 345.0

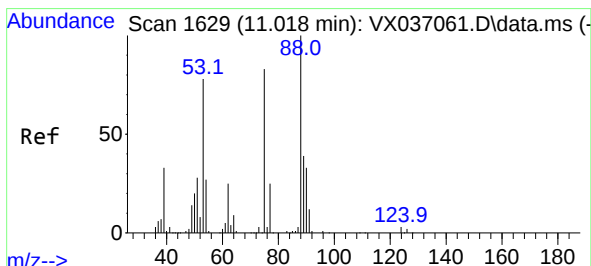
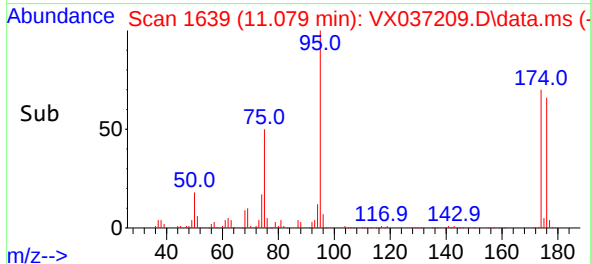
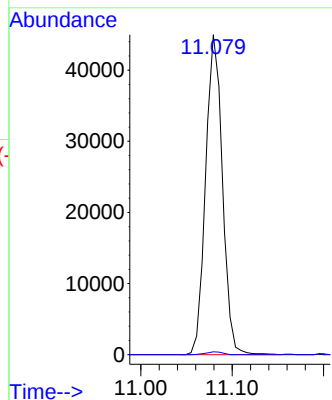
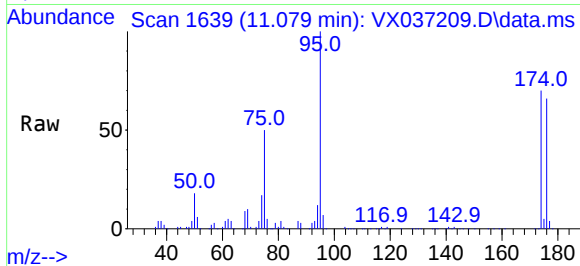




#76
1,2,3-Trichloropropane
Concen: 25.322 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 57225
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037209.D
Acq: 24 Aug 2023 12:17

Tgt Ion: 75 Resp: 57225
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

