

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037111.D
 Acq On : 19 Aug 2023 06:00
 Operator : JC/MD
 Sample : 04025-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20230814

Quant Time: Aug 21 01:42:19 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)

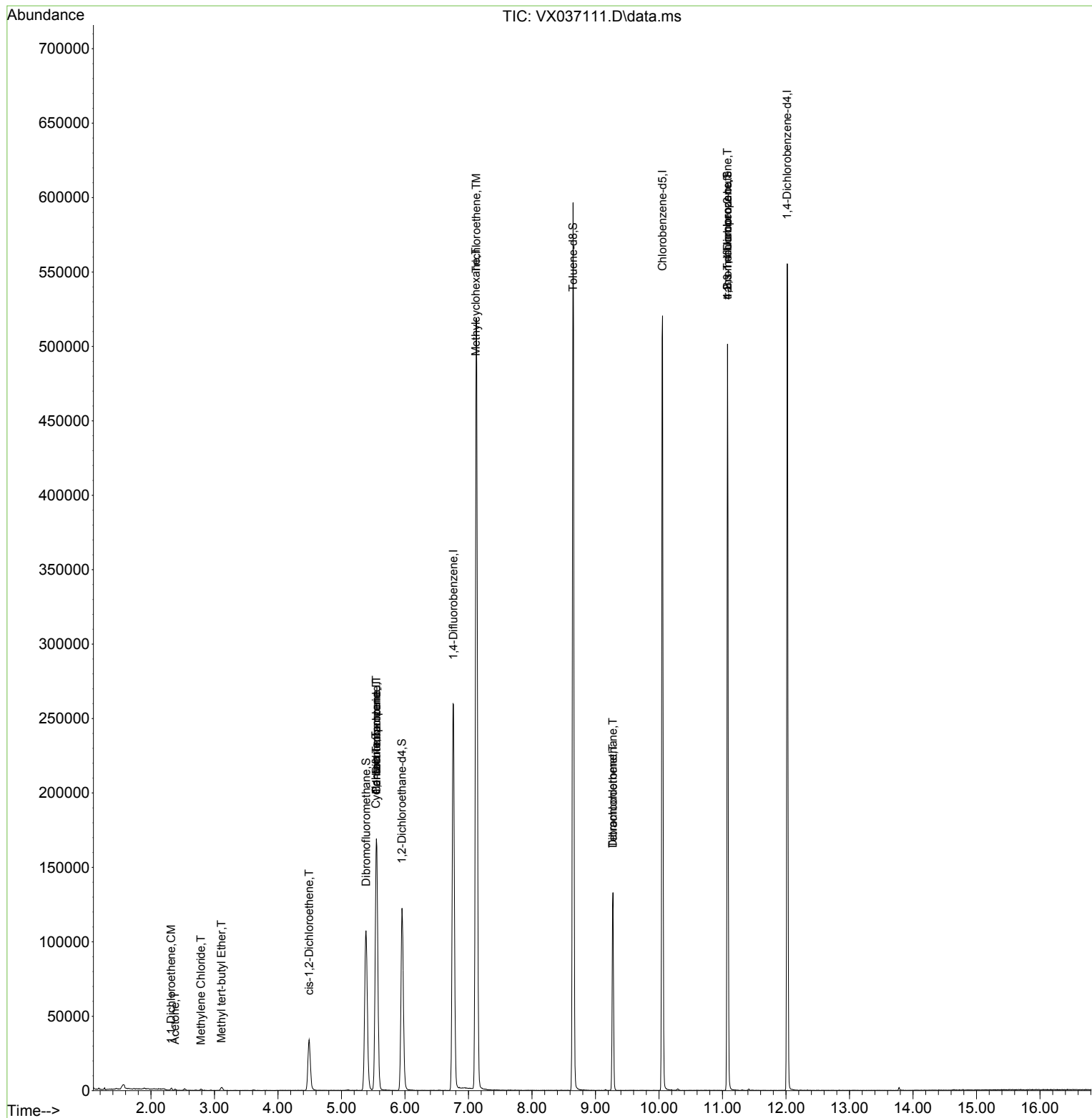
Internal Standards						
1) Pentafluorobenzene	5.550	168	157206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	273306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122121	53.883	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.760%	
35) Dibromofluoromethane	5.385	113	95944	53.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.020%	
50) Toluene-d8	8.647	98	354543	53.999	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.000%	
62) 4-Bromofluorobenzene	11.079	95	133019	51.553	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.100%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	509	0.315	ug/l #	80
16) Acetone	2.380	43	828	0.934	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	2594	0.423	ug/l #	89
20) Methylene Chloride	2.788	84	432	0.218	ug/l #	70
27) cis-1,2-Dichloroethene	4.489	96	23067	10.636	ug/l	79
31) Cyclohexane	5.544	56	3461	1.358	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	12705	4.941	ug/l #	51
38) Carbon Tetrachloride	5.550	117	17310	6.197	ug/l #	14
39) Methylcyclohexane	7.117	83	2438	0.902	ug/l #	1
44) Trichloroethene	7.123	130	204036	97.564	ug/l	98
60) Dibromochloromethane	9.275	129	24622	11.655	ug/l #	11
64) Tetrachloroethene	9.275	164	24085	13.382	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	67898	28.184	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	67898	78.720	ug/l #	5

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
Data File : VX037111.D
Acq On : 19 Aug 2023 06:00
Operator : JC/MD
Sample : 04025-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

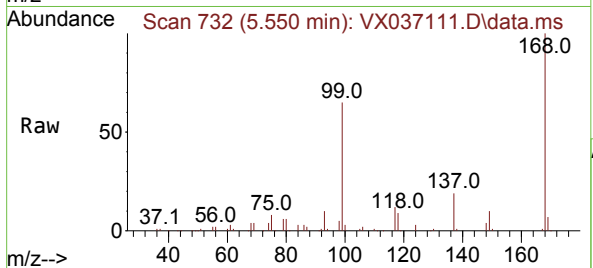
Quant Time: Aug 21 01:42:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



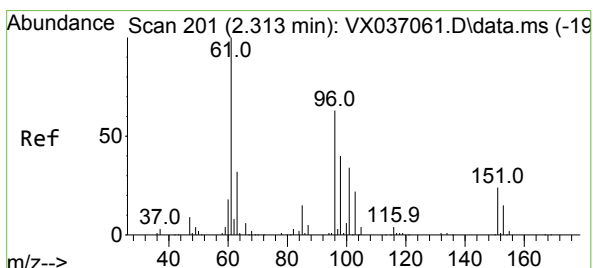
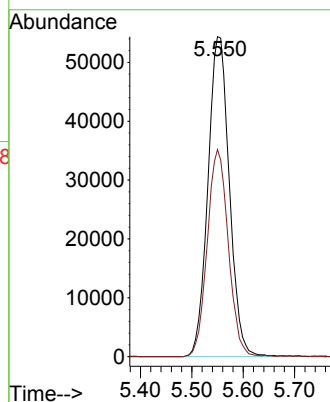
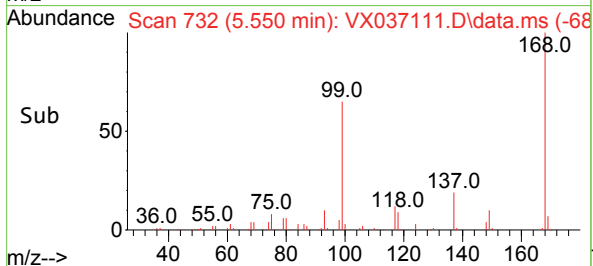


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

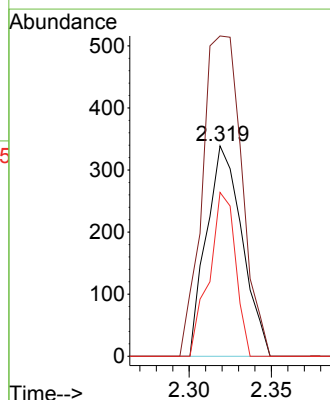
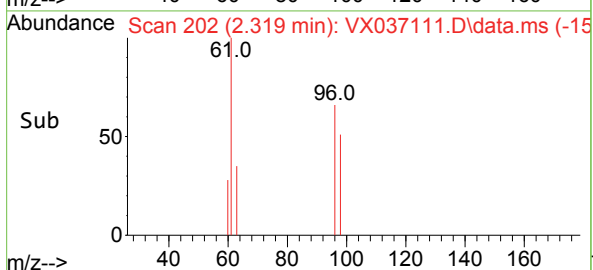
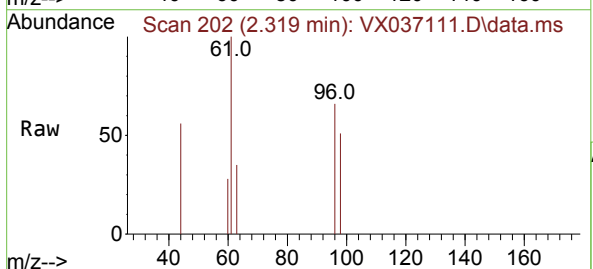


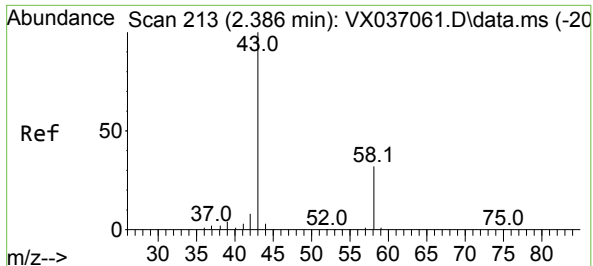
Tgt Ion:168 Resp: 157206
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.315 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Tgt Ion: 96 Resp: 509
Ion Ratio Lower Upper
96 100
61 152.2 144.6 216.8
98 77.9 50.4 75.6#

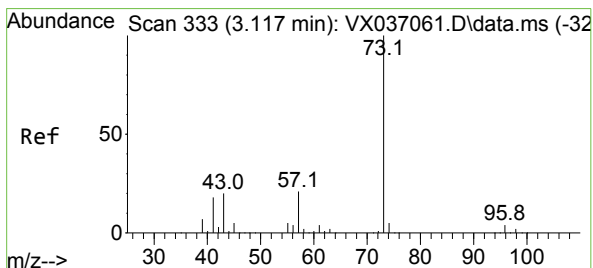
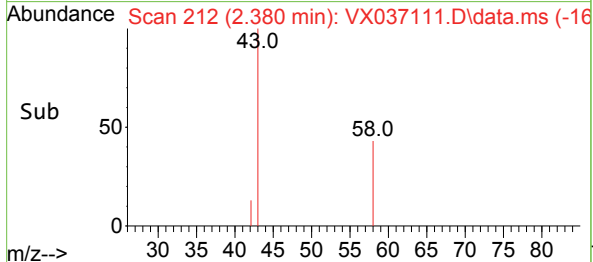
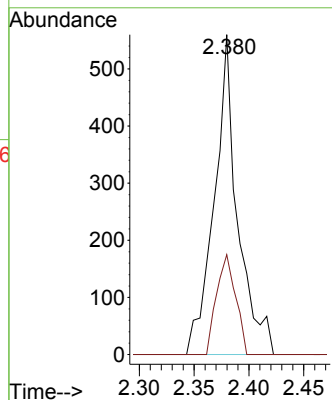
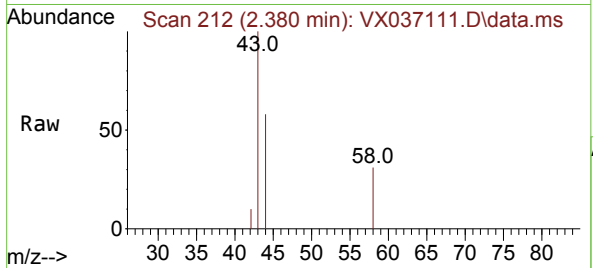




#16
Acetone
Concen: 0.934 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

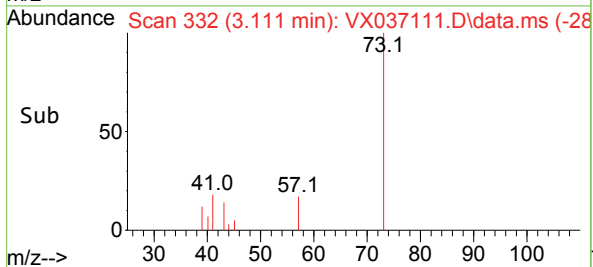
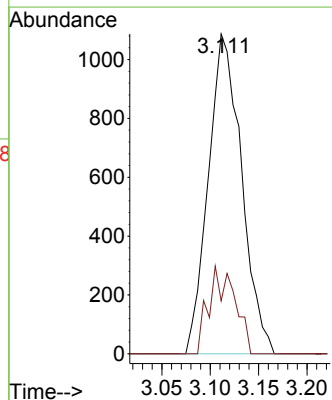
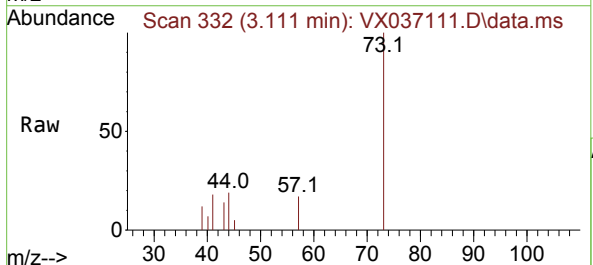
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

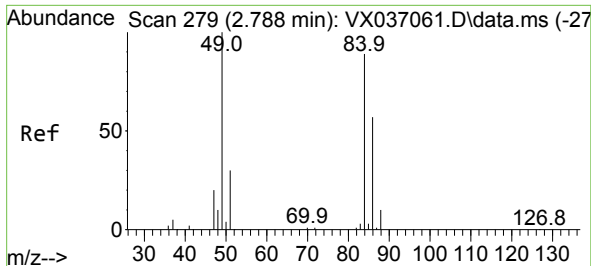
Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 0.423 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Tgt Ion: 73 Resp: 2594
Ion Ratio Lower Upper
73 100
57 16.6 17.3 25.9#

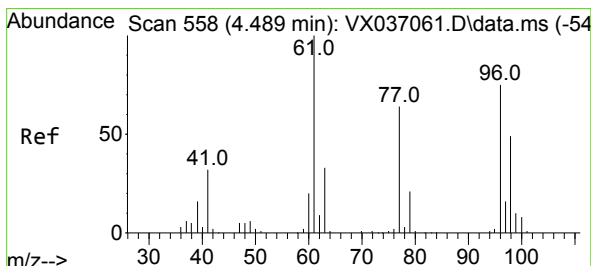
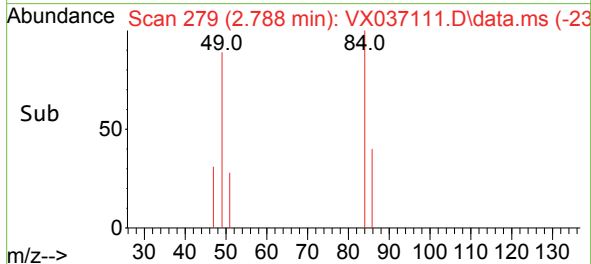
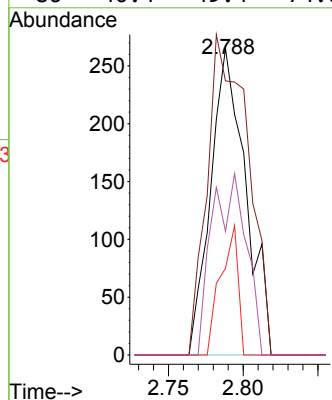
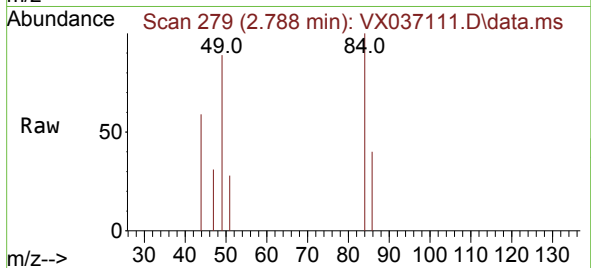




#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

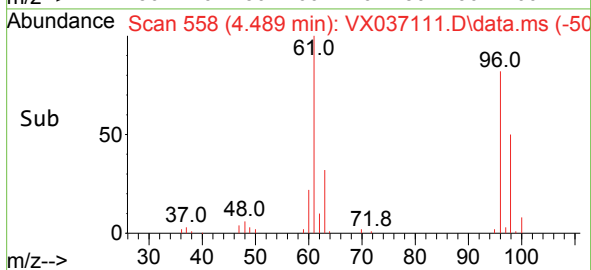
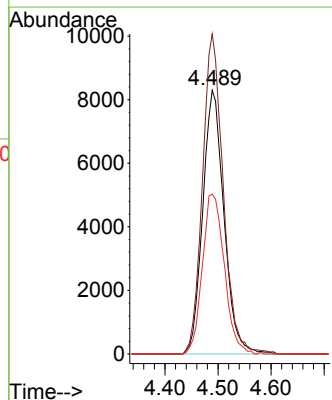
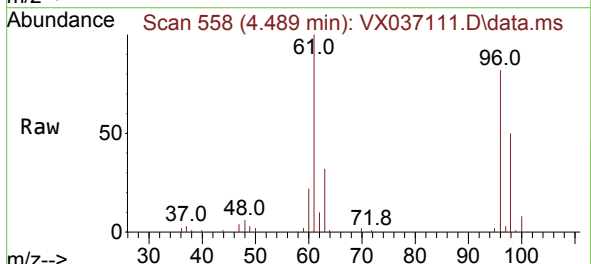
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

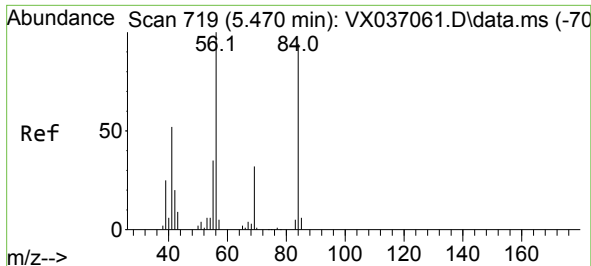
Tgt Ion:	84	Resp:	432
Ion	Ratio	Lower	Upper
84	100		
49	89.4	103.6	155.4#
51	28.3	33.8	50.6#
86	40.4	49.4	74.0#



#27
cis-1,2-Dichloroethene
Concen: 10.636 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

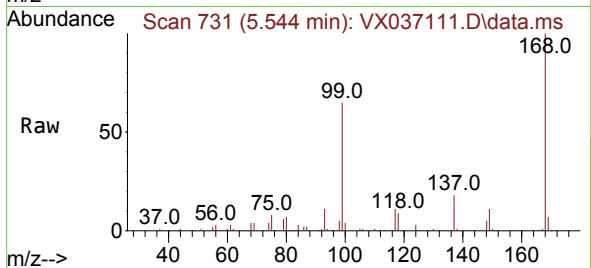
Tgt Ion:	96	Resp:	23067
Ion	Ratio	Lower	Upper
96	100		
61	118.5	0.0	312.2
98	62.5	0.0	129.0



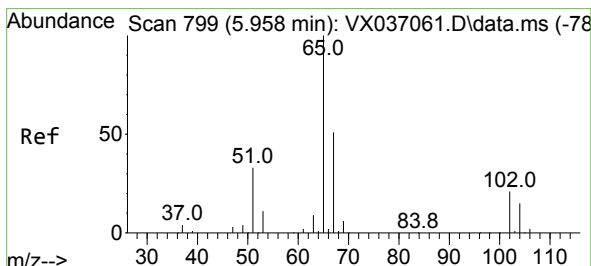
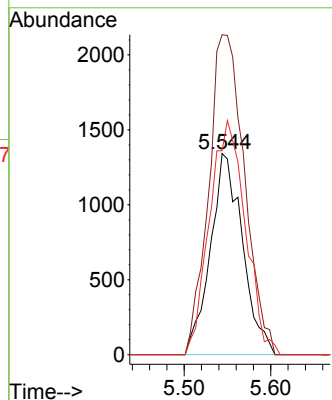
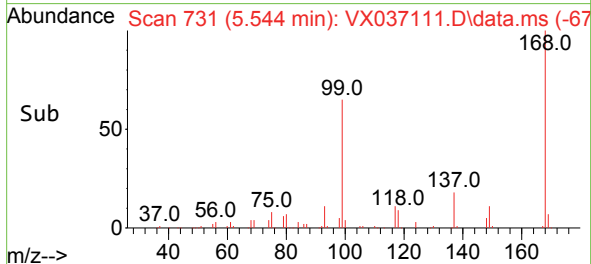


#31
Cyclohexane
Concen: 1.358 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

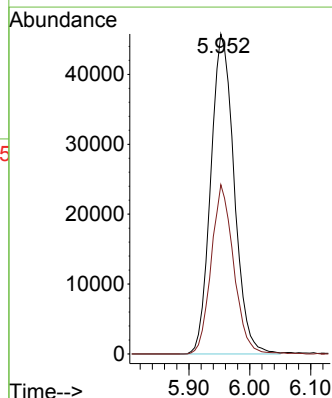
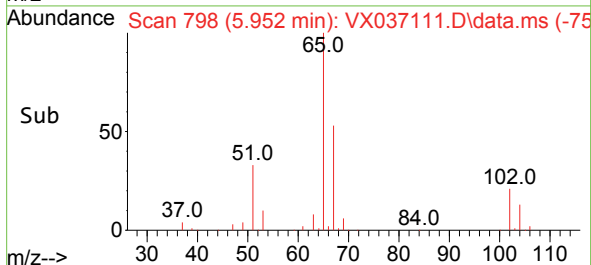
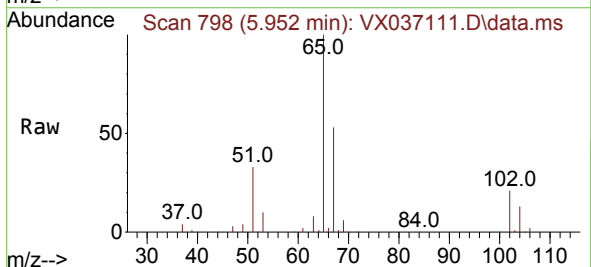


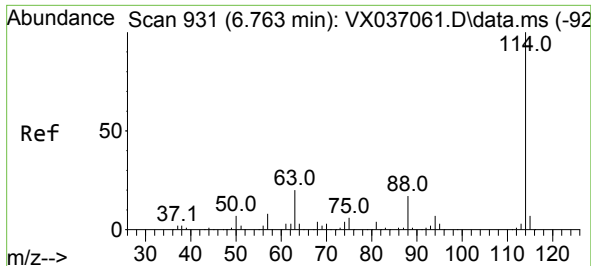
Tgt Ion: 56 Resp: 3461
Ion Ratio Lower Upper
56 100
69 159.1 23.4 35.2#
84 101.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.883 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Tgt Ion: 65 Resp: 122121
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

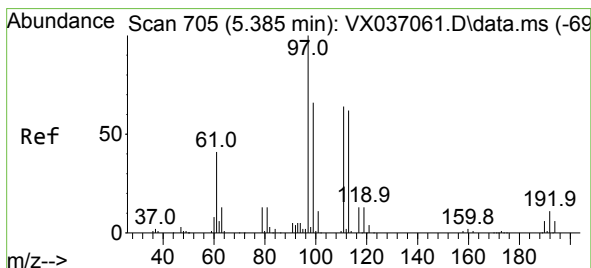
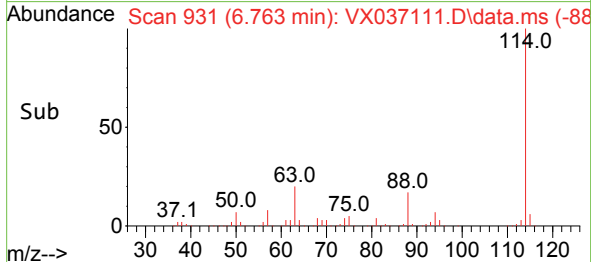
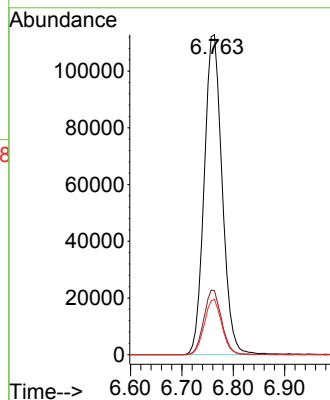
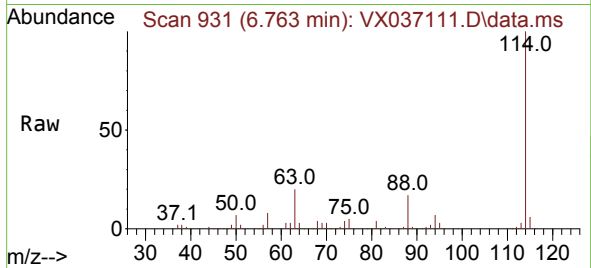




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

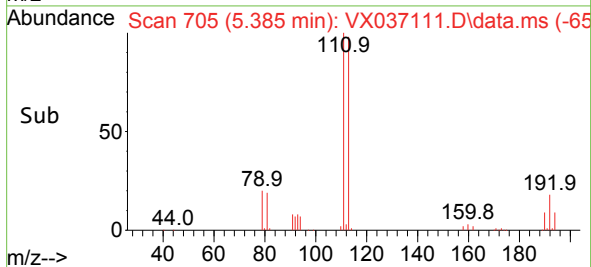
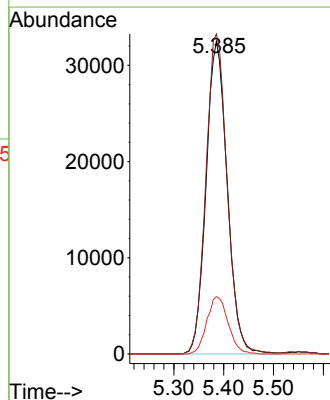
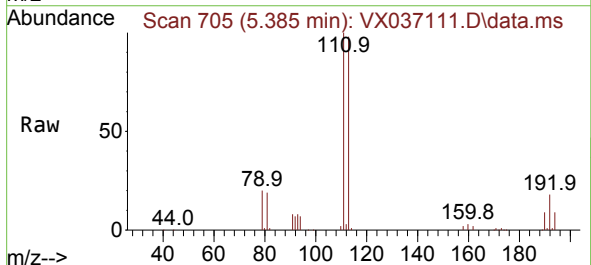
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

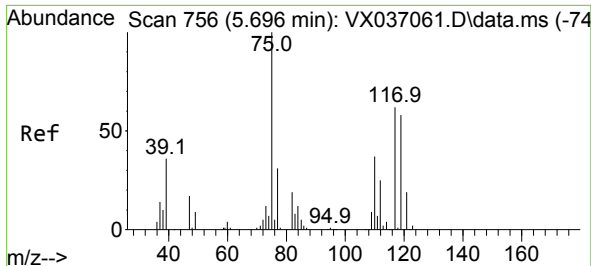
Tgt Ion:114 Resp: 273306
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.007 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Tgt Ion:113 Resp: 95944
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.4 13.3 19.9

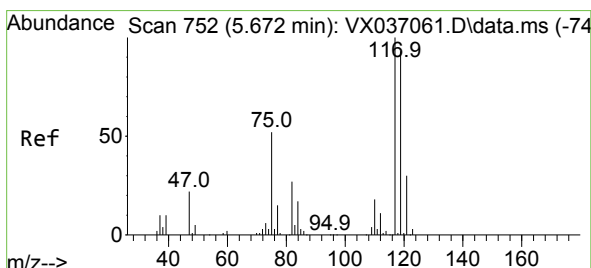
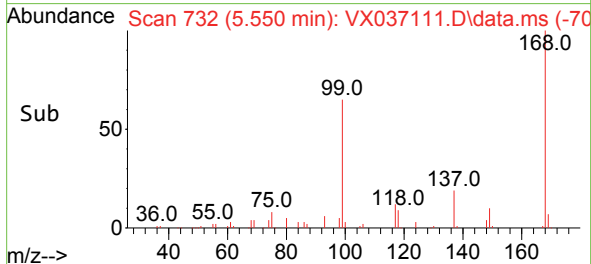
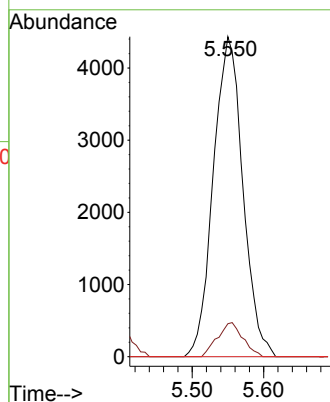
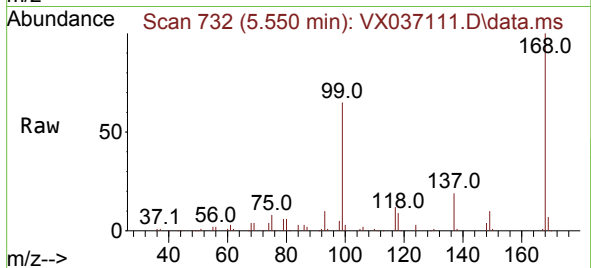




#36
1,1-Dichloropropene
Concen: 4.941 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

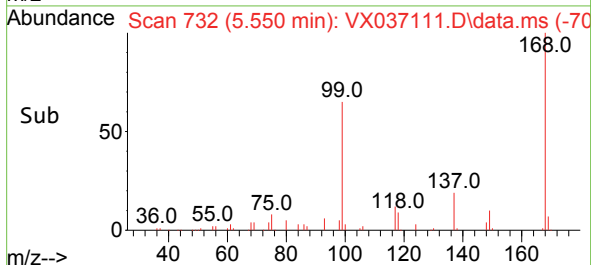
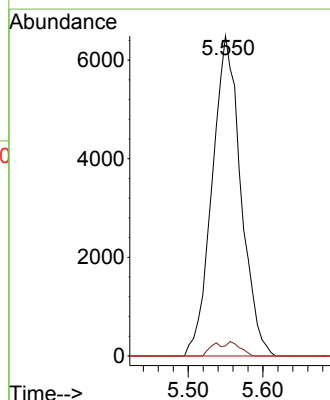
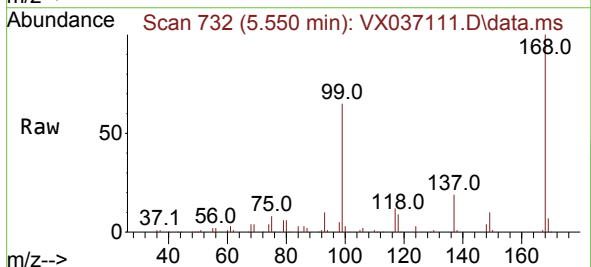
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

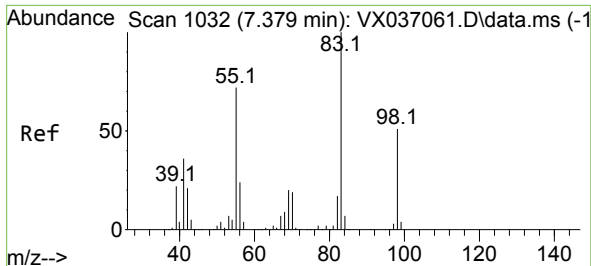
Tgt Ion: 75 Resp: 12705
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.197 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Tgt Ion: 117 Resp: 17310
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#

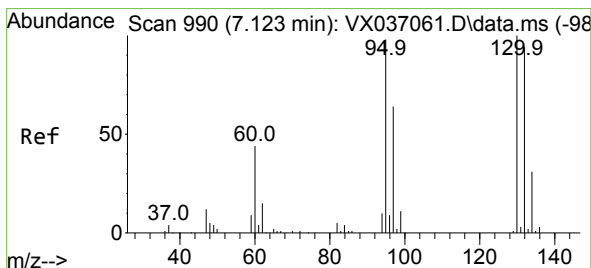
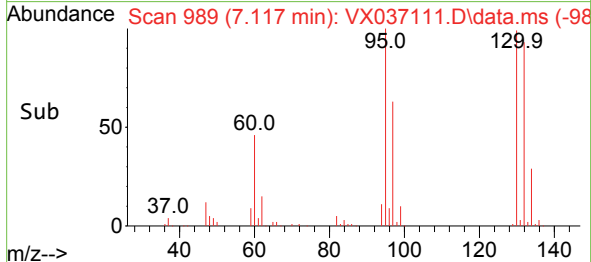
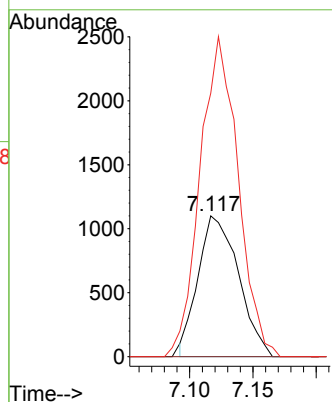
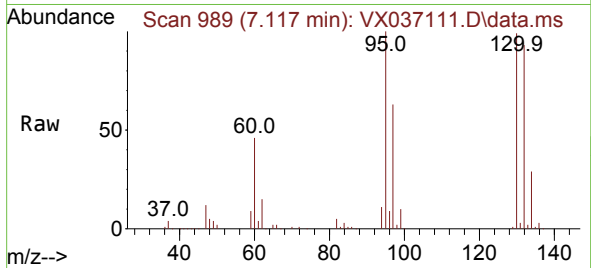




#39
Methylcyclohexane
Concen: 0.902 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

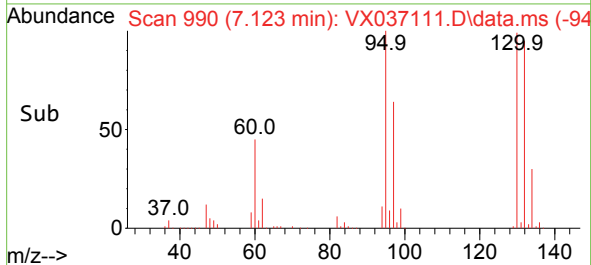
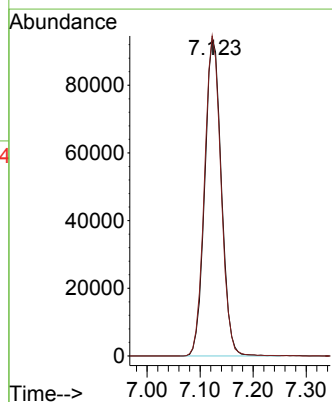
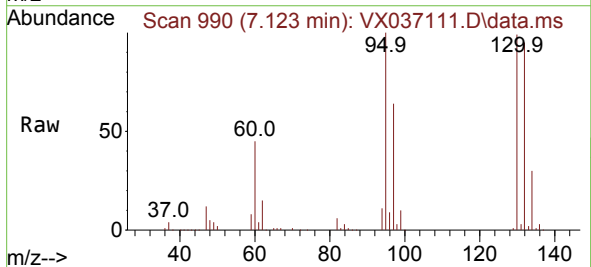
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

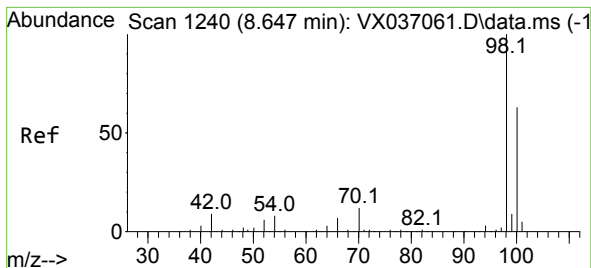
Tgt Ion: 83 Resp: 2438
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 187.1 36.7 55.1#



#44
Trichloroethene
Concen: 97.564 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Tgt Ion:130 Resp: 204036
Ion Ratio Lower Upper
130 100
95 100.7 0.0 204.4





#50

Toluene-d8

Concen: 53.999 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037111.D

Acq: 19 Aug 2023 06:00

Instrument :

MSVOA_X

ClientSampleId :

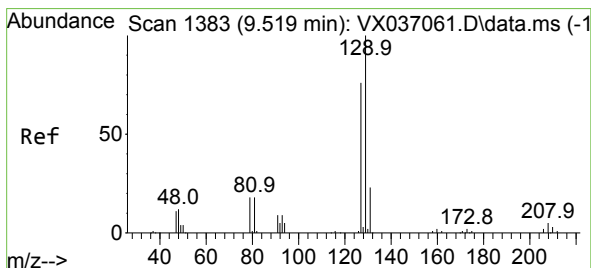
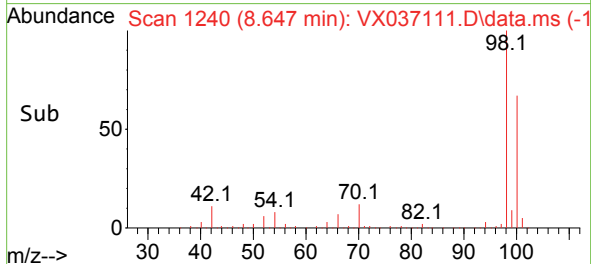
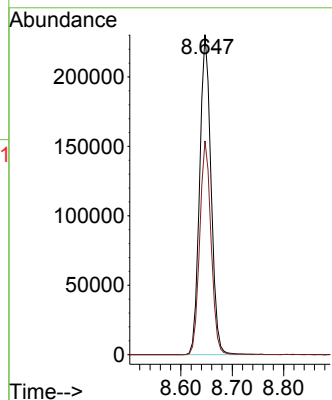
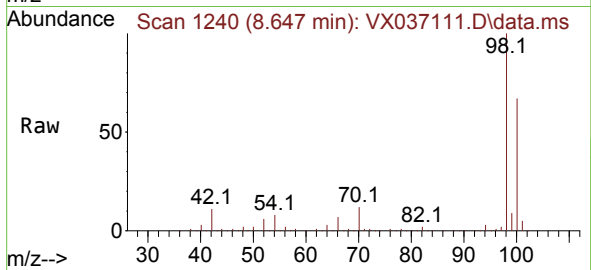
MW179D1-20230814

Tgt Ion: 98 Resp: 354543

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#60

Dibromochloromethane

Concen: 11.655 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX037111.D

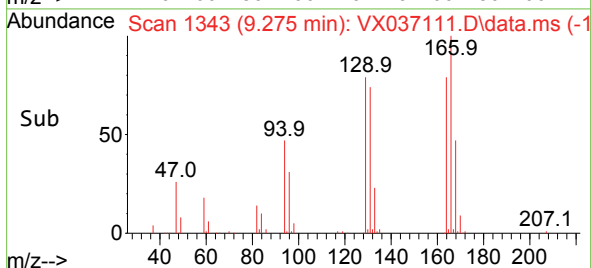
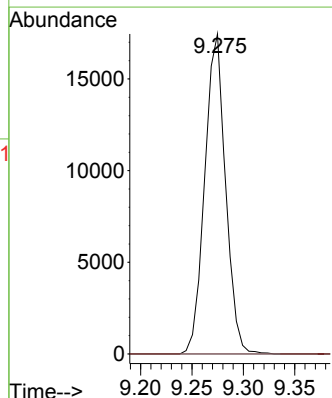
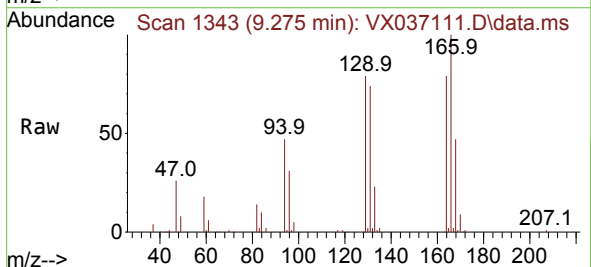
Acq: 19 Aug 2023 06:00

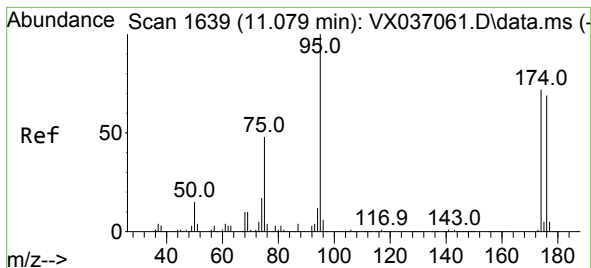
Tgt Ion: 129 Resp: 24622

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

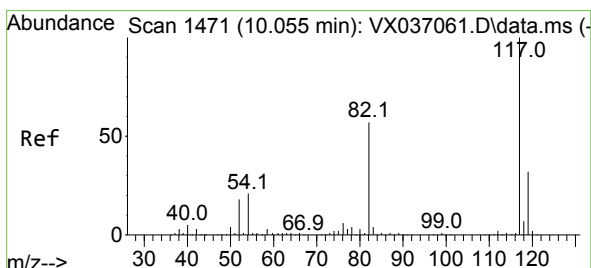
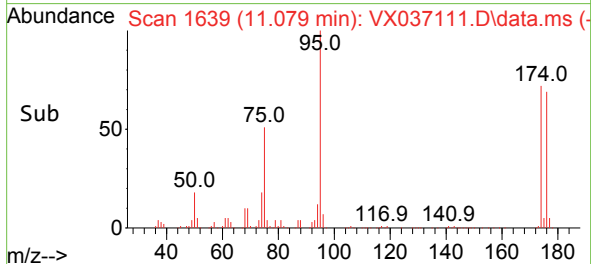
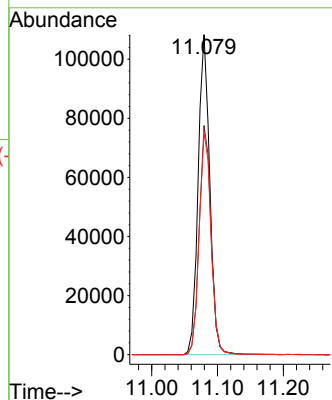
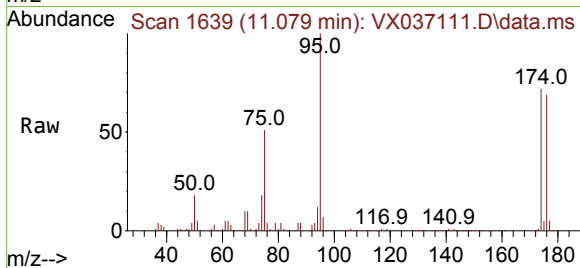




#62
4-Bromofluorobenzene
Concen: 51.553 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

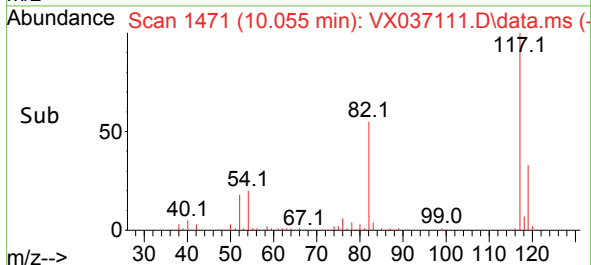
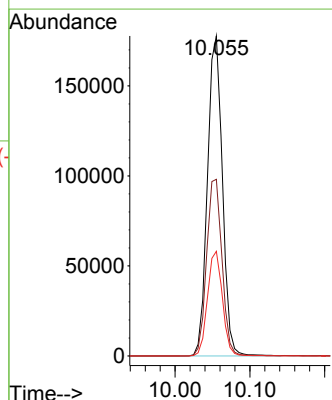
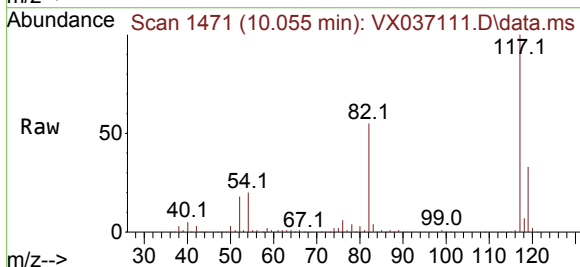
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

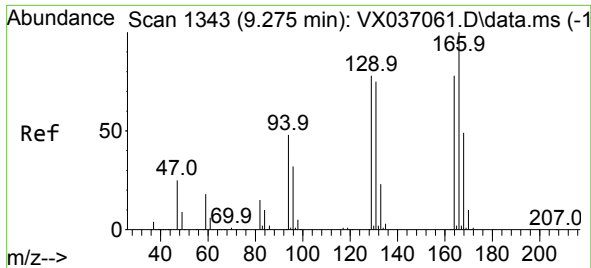
Tgt Ion: 95 Resp: 133019
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Tgt Ion: 117 Resp: 246709
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.7 25.5 38.3

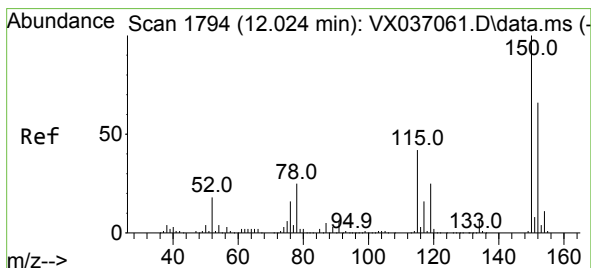
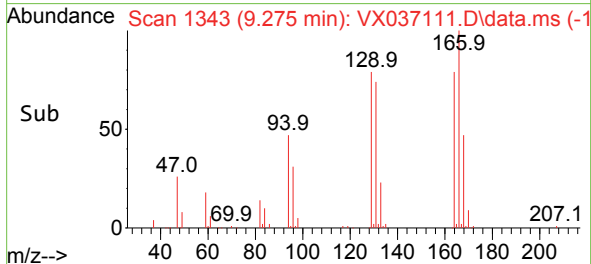
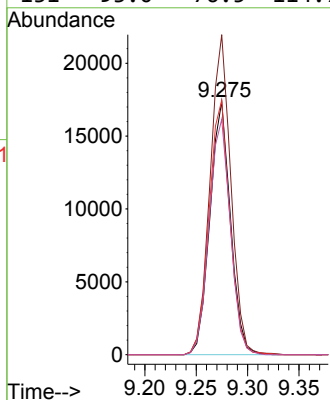
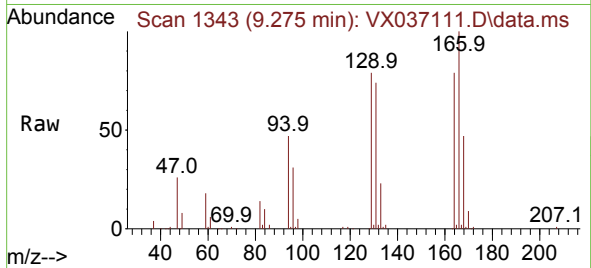




#64
Tetrachloroethene
Concen: 13.382 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

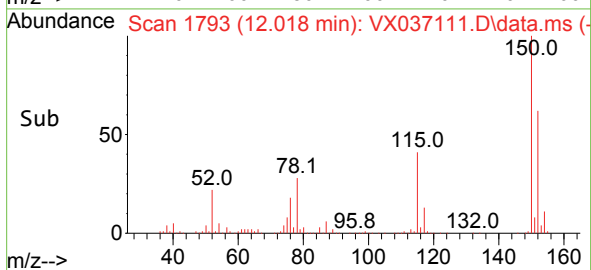
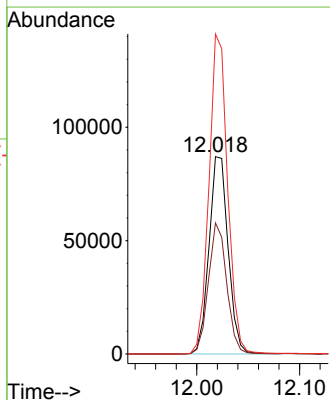
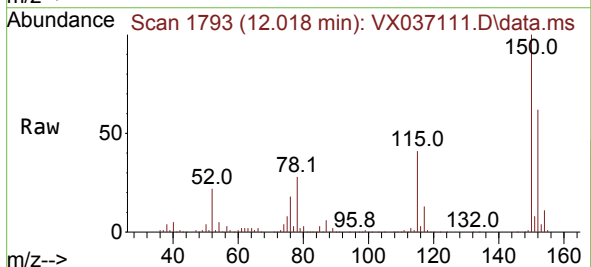
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20230814

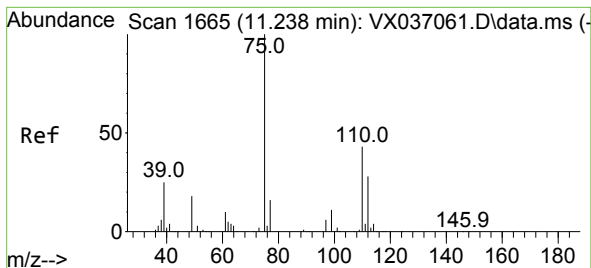
Tgt Ion:164	Resp:	24085
Ion	Ratio	Lower Upper
164	100	
166	126.4	102.7 154.1
129	100.5	80.4 120.6
131	93.0	76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037111.D
Acq: 19 Aug 2023 06:00

Tgt Ion:152	Resp:	113120
Ion	Ratio	Lower Upper
152	100	
115	63.4	43.3 129.9
150	158.2	0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.184 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX037111.D

Acq: 19 Aug 2023 06:00

Instrument :

MSVOA_X

ClientSampleId :

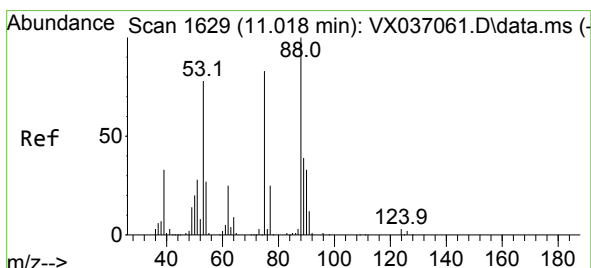
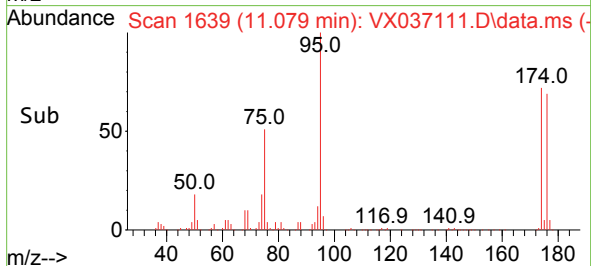
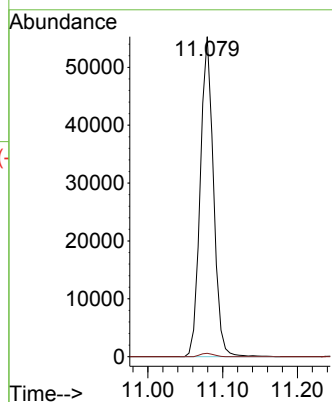
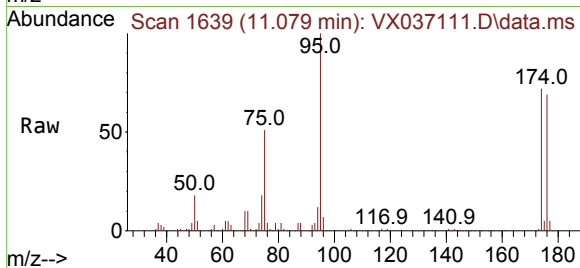
MW179D1-20230814

Tgt Ion: 75 Resp: 67898

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.720 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037111.D

Acq: 19 Aug 2023 06:00

Tgt Ion: 75 Resp: 67898

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

