

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035453.D
 Acq On : 01 May 2023 20:11
 Operator : JC/MD
 Sample : 02515-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-2I

Quant Time: May 02 00:06:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

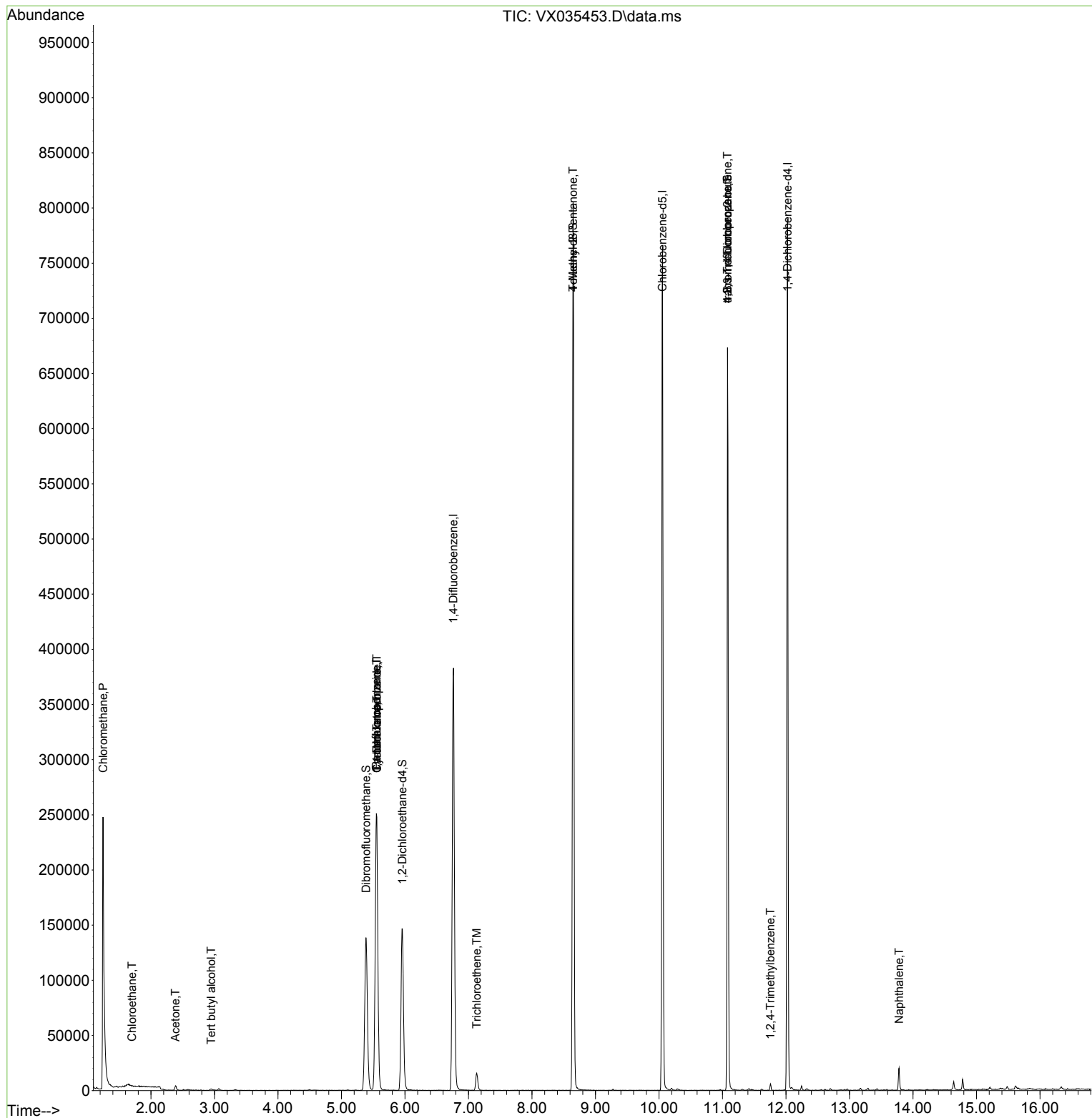
Internal Standards						
1) Pentafluorobenzene	5.550	168	251343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143136	47.204	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.400%
35) Dibromofluoromethane	5.385	113	125090	49.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.960%
50) Toluene-d8	8.647	98	478680	50.701	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.400%
62) 4-Bromofluorobenzene	11.079	95	182020	51.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	6258	2.587	ug/l #	42
6) Chloroethane	1.703	64	436	0.307	ug/l #	42
11) Tert butyl alcohol	2.947	59	827	1.498	ug/l #	73
16) Acetone	2.386	43	5078	3.856	ug/l	92
31) Cyclohexane	5.556	56	4602	1.070	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17715	4.533	ug/l #	51
38) Carbon Tetrachloride	5.556	117	24059	6.485	ug/l #	17
44) Trichloroethene	7.129	130	6514	2.109	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1803	0.489	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88843	25.413	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88843	82.309	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	2865	0.264	ug/l	94
95) Naphthalene	13.780	128	14994	1.280	ug/l	97

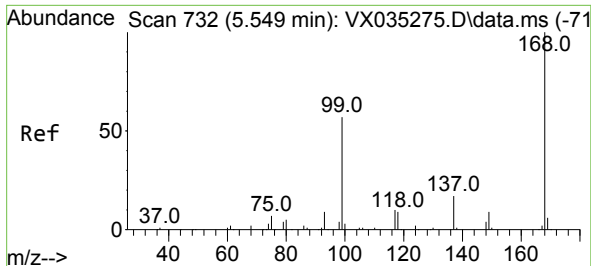
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
Data File : VX035453.D
Acq On : 01 May 2023 20:11
Operator : JC/MD
Sample : 02515-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
22-MW-2I

Quant Time: May 02 00:06:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

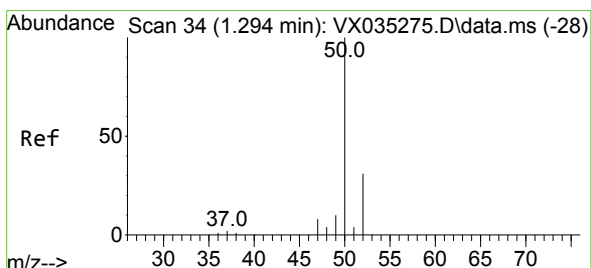
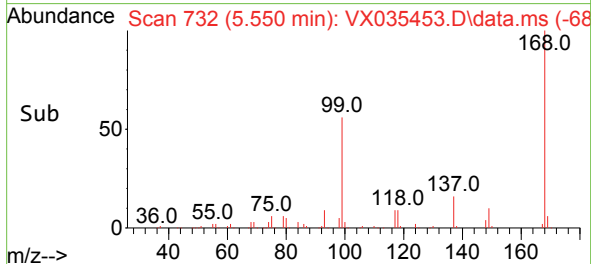
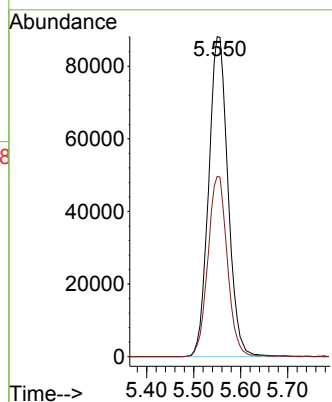
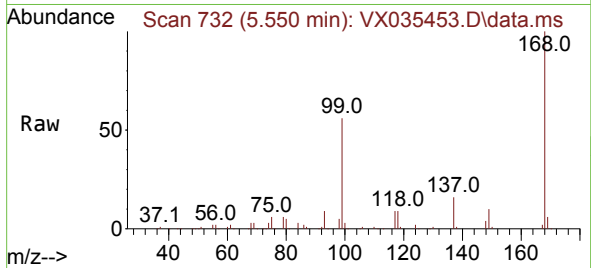




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

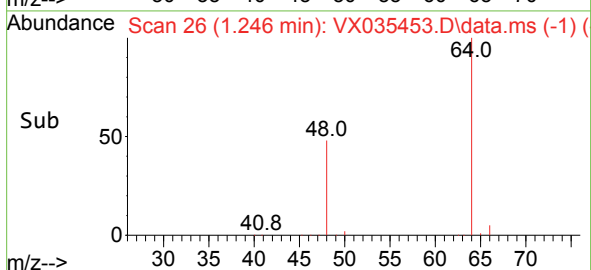
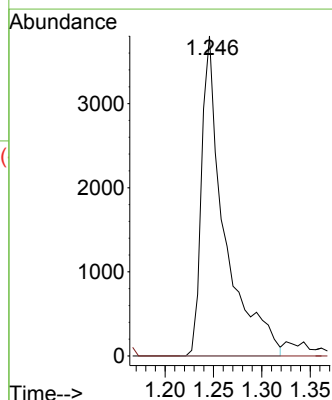
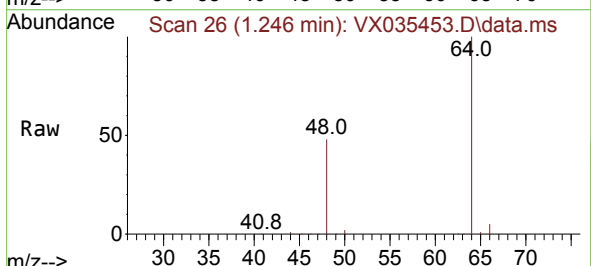
Instrument :
MSVOA_X
ClientSampleId :
22-MW-2I

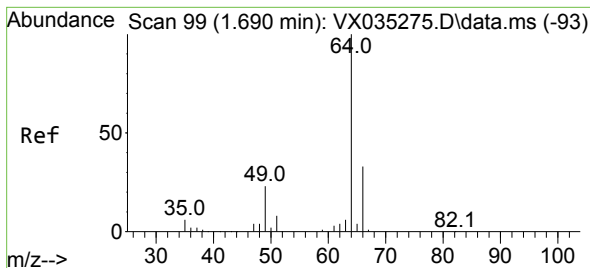
Tgt Ion:168 Resp: 251343
Ion Ratio Lower Upper
168 100
99 56.4 45.7 68.5



#3
Chloromethane
Concen: 2.587 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

Tgt Ion: 50 Resp: 6258
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#6

Chloroethane

Concen: 0.307 ug/l

RT: 1.703 min Scan# 101

Delta R.T. 0.013 min

Lab File: VX035453.D

Acq: 01 May 2023 20:11

Instrument :

MSVOA_X

ClientSampleId :

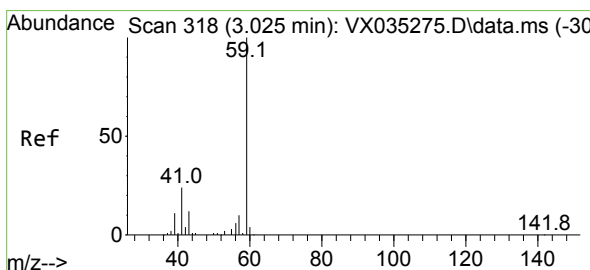
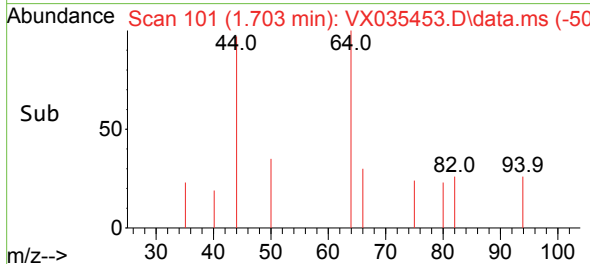
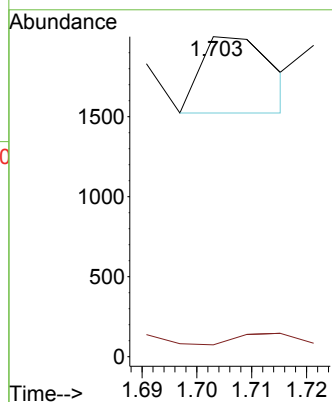
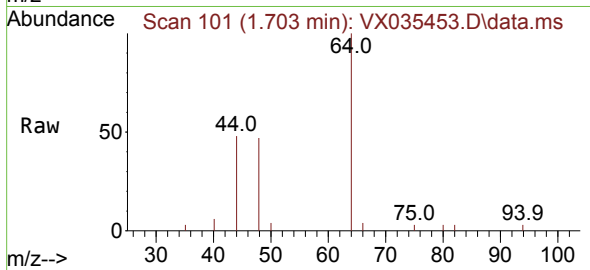
22-MW-2I

Tgt Ion: 64 Resp: 436

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#



#11

Tert butyl alcohol

Concen: 1.498 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.078 min

Lab File: VX035453.D

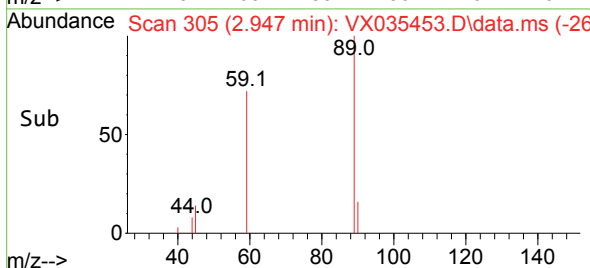
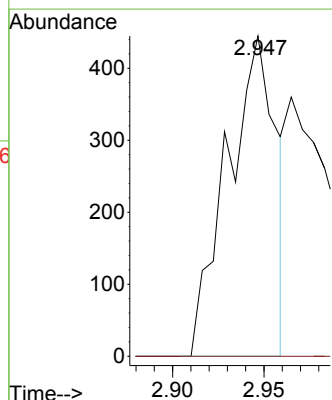
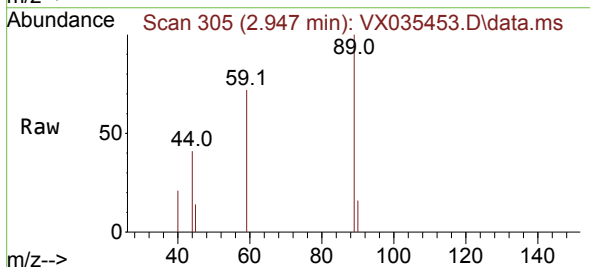
Acq: 01 May 2023 20:11

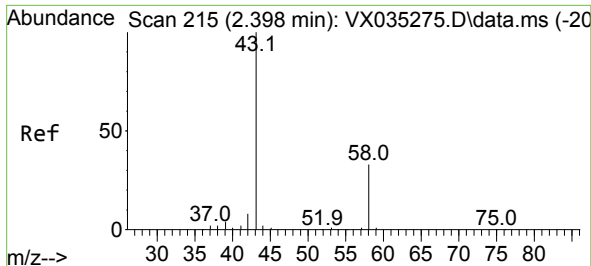
Tgt Ion: 59 Resp: 827

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#

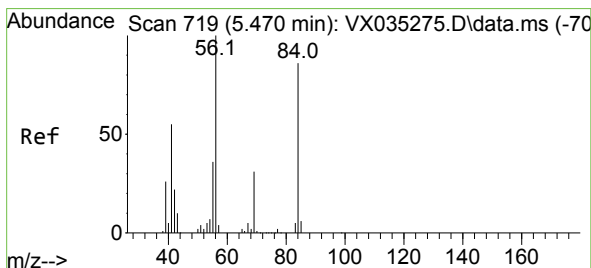
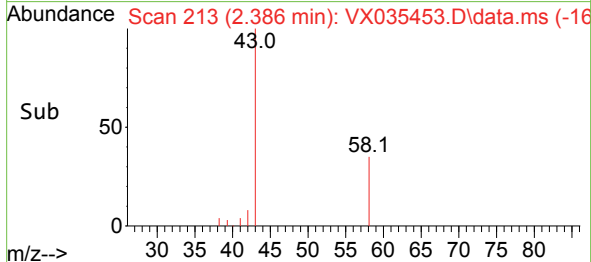
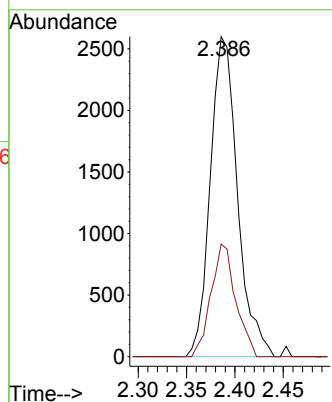
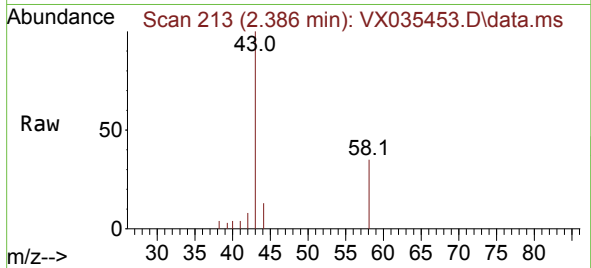




#16
Acetone
Concen: 3.856 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

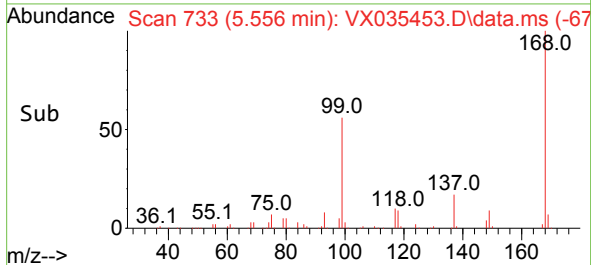
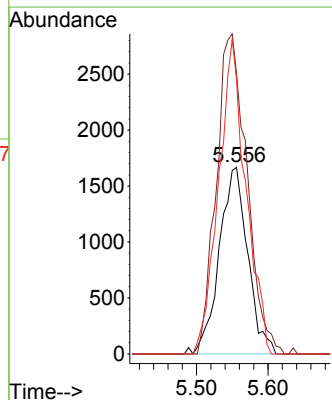
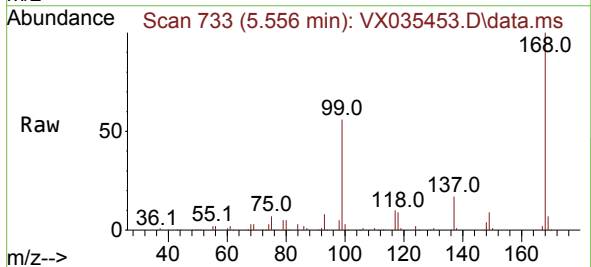
Instrument :
MSVOA_X
ClientSampleId :
22-MW-2I

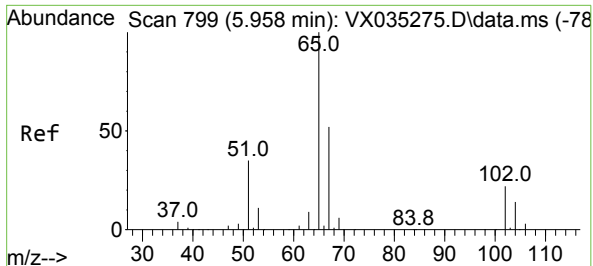
Tgt Ion: 43 Resp: 5078
Ion Ratio Lower Upper
43 100
58 35.2 24.7 37.1



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

Tgt Ion: 56 Resp: 4602
Ion Ratio Lower Upper
56 100
69 150.5 23.7 35.5#
84 147.0 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.204 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035453.D

Acq: 01 May 2023 20:11

Instrument :

MSVOA_X

ClientSampleId :

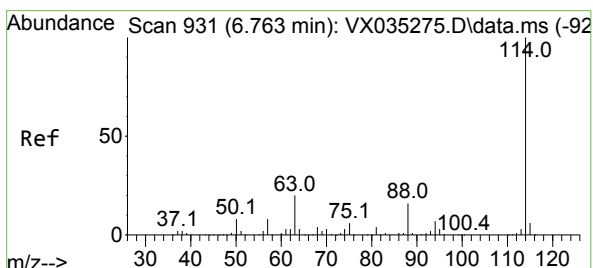
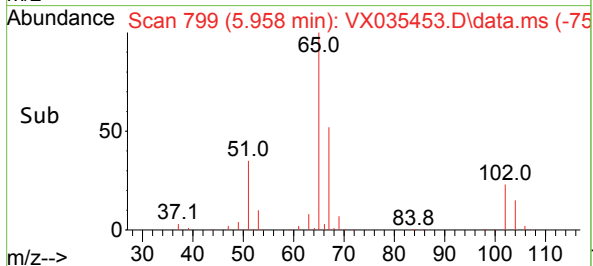
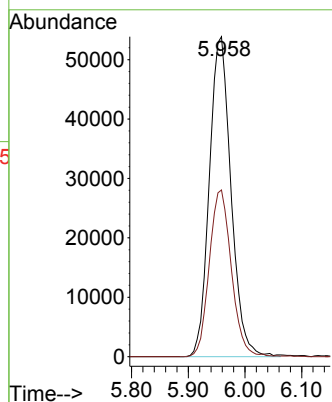
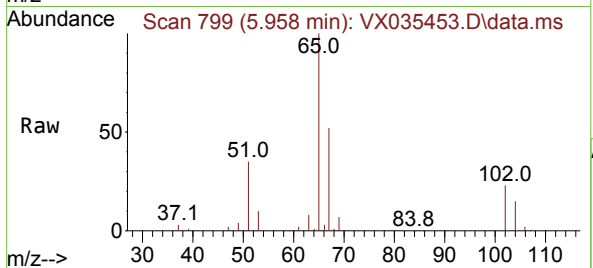
22-MW-2I

Tgt Ion: 65 Resp: 143136

Ion Ratio Lower Upper

65 100

67 53.0 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: VX035453.D

Acq: 01 May 2023 20:11

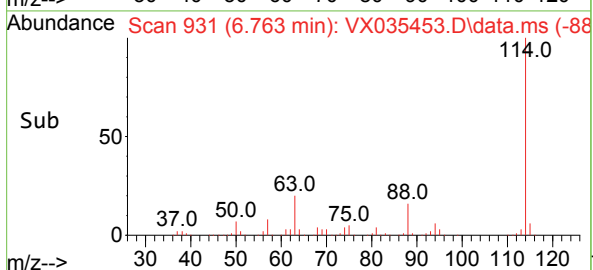
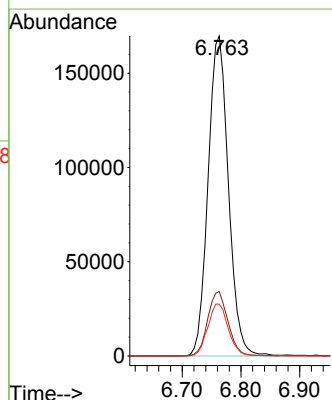
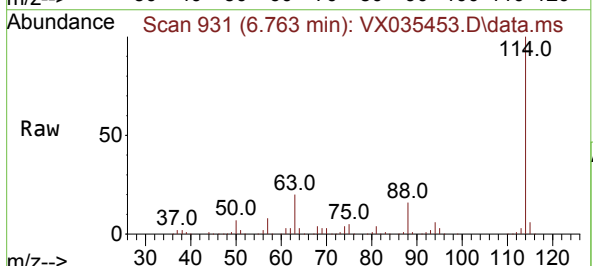
Tgt Ion: 114 Resp: 407767

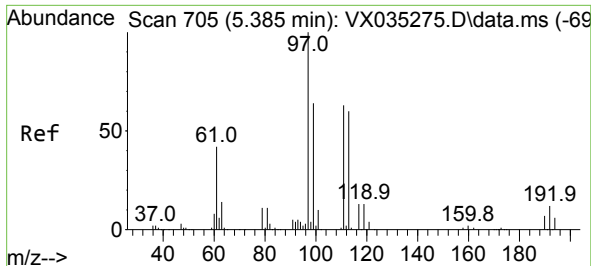
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.2

88 16.2 0.0 33.2

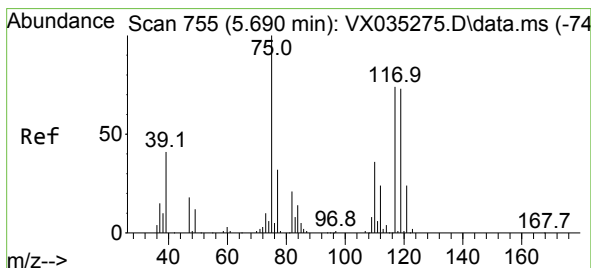
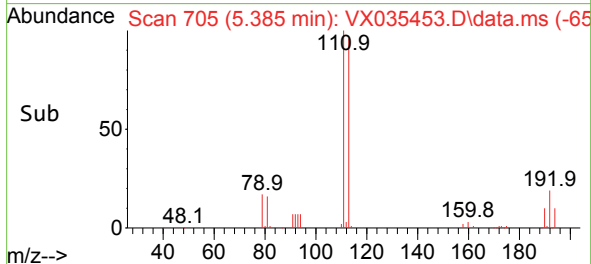
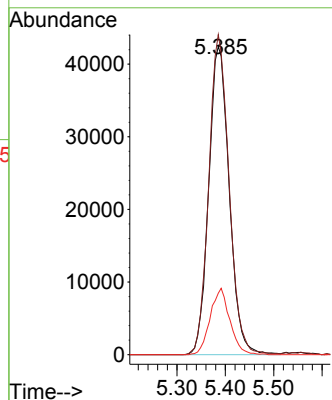
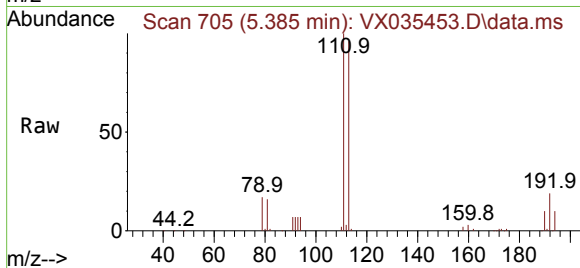




#35
Dibromofluoromethane
Concen: 49.981 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

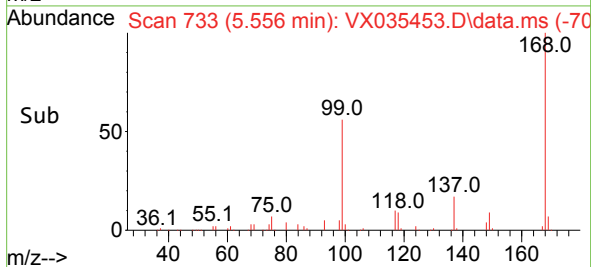
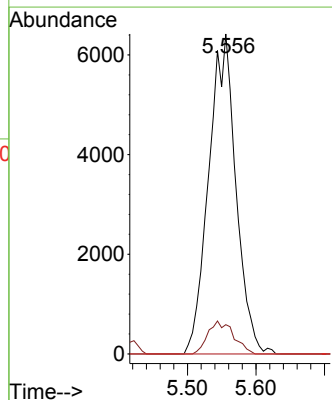
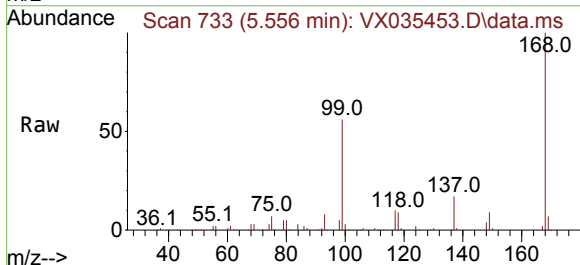
Instrument :
MSVOA_X
ClientSampleId :
22-MW-2I

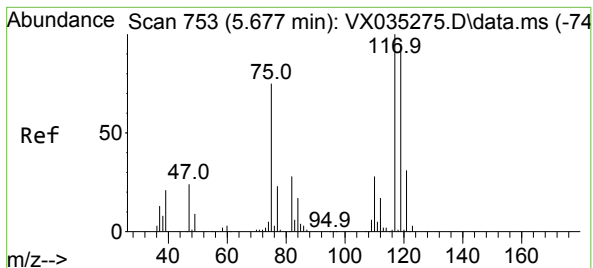
Tgt Ion:113 Resp: 125090
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 20.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.533 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

Tgt Ion: 75 Resp: 17715
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.485 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.121 min

Lab File: VX035453.D

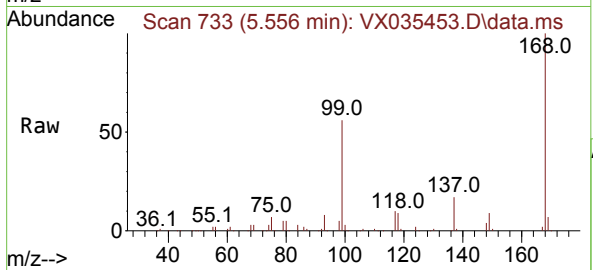
Acq: 01 May 2023 20:11

Instrument :

MSVOA_X

ClientSampleId :

22-MW-2I



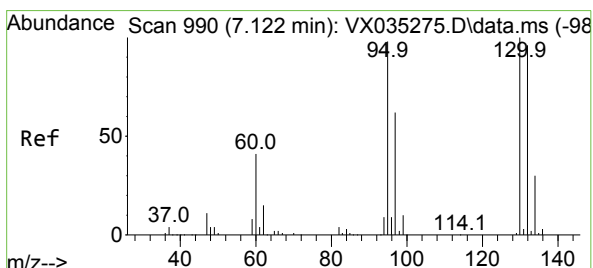
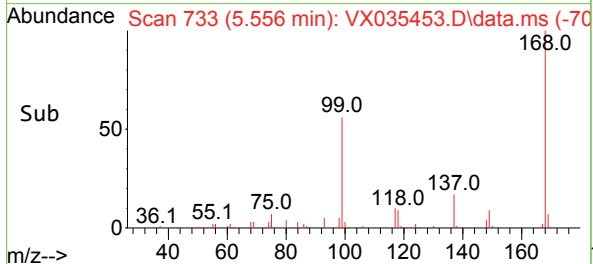
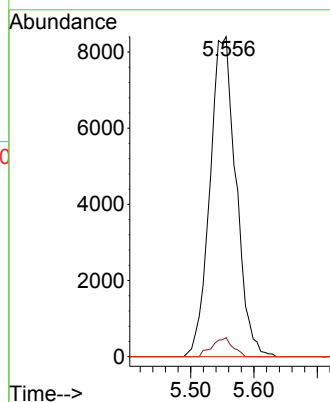
Tgt Ion:117 Resp: 24059

Ion Ratio Lower Upper

117 100

119 6.0 76.6 114.8#

121 0.0 23.8 35.6#



#44

Trichloroethene

Concen: 2.109 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX035453.D

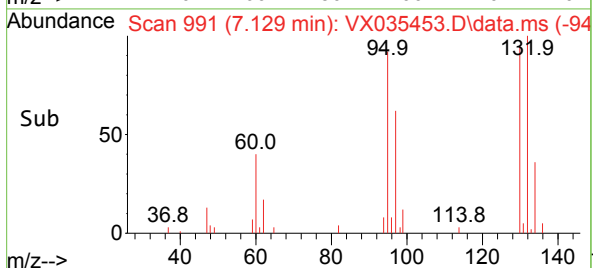
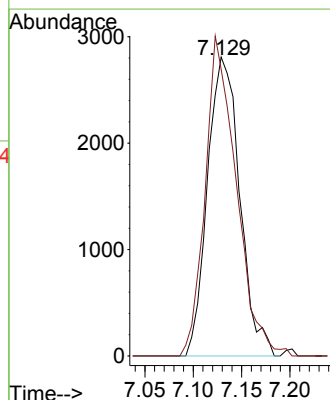
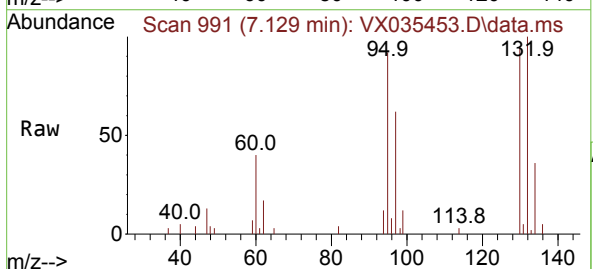
Acq: 01 May 2023 20:11

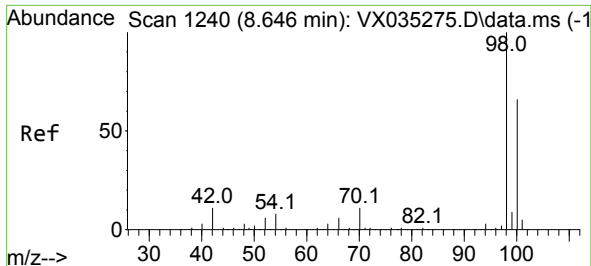
Tgt Ion:130 Resp: 6514

Ion Ratio Lower Upper

130 100

95 95.9 0.0 198.4

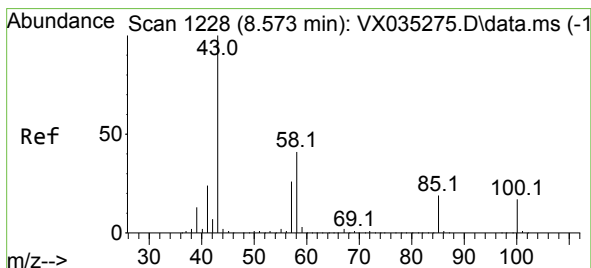
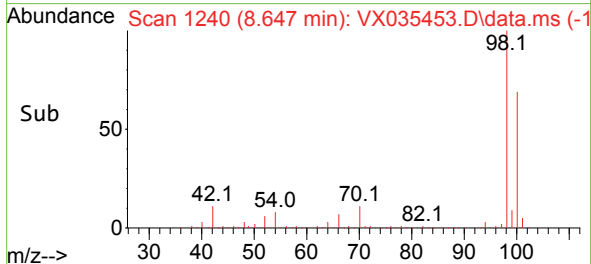
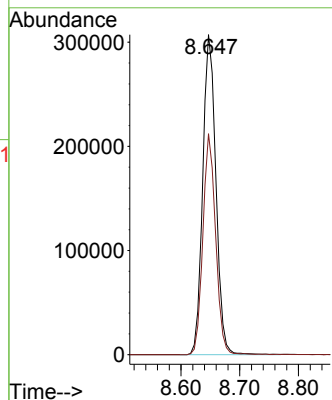
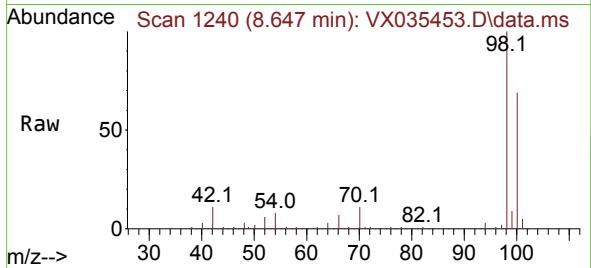




#50
Toluene-d8
Concen: 50.701 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

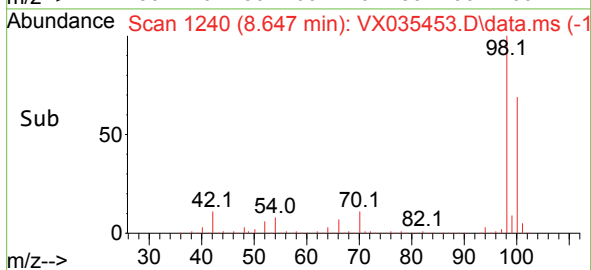
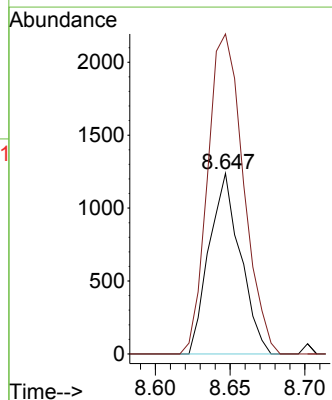
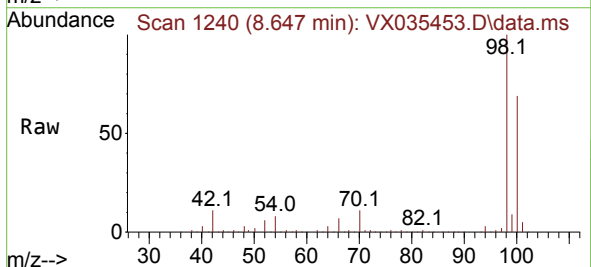
Instrument :
MSVOA_X
ClientSampleId :
22-MW-2I

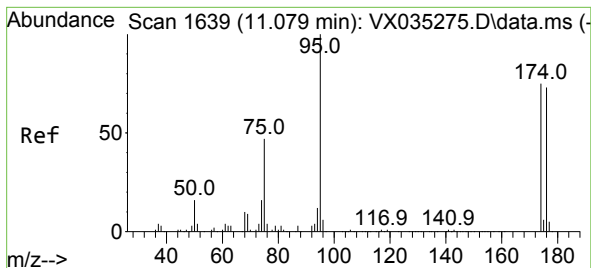
Tgt Ion: 98 Resp: 478680
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.489 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 202.5 30.6 46.0#

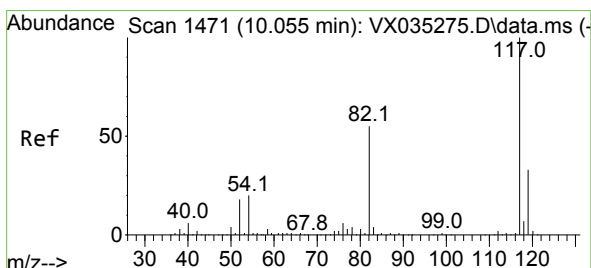
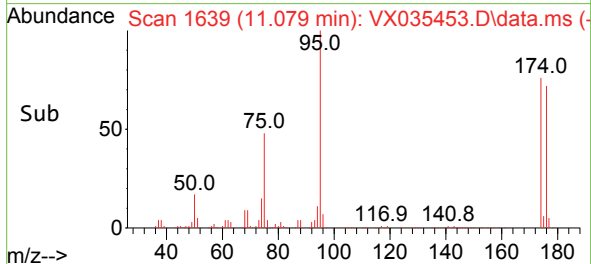
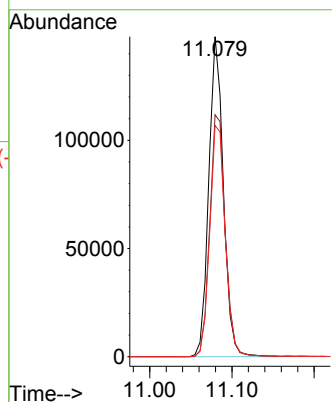
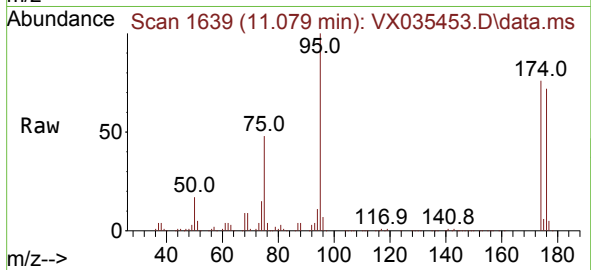




#62
4-Bromofluorobenzene
Concen: 51.250 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

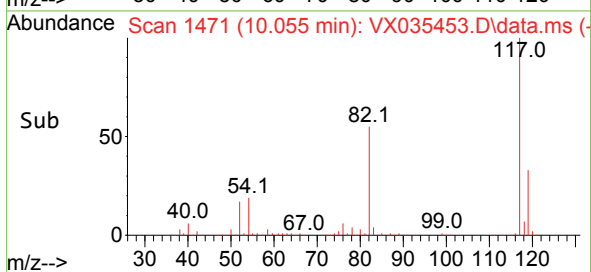
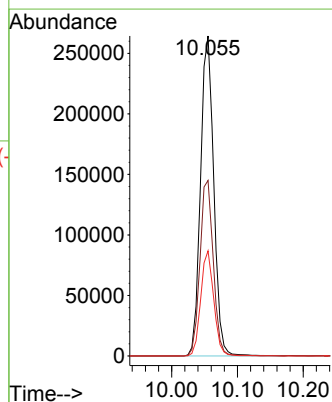
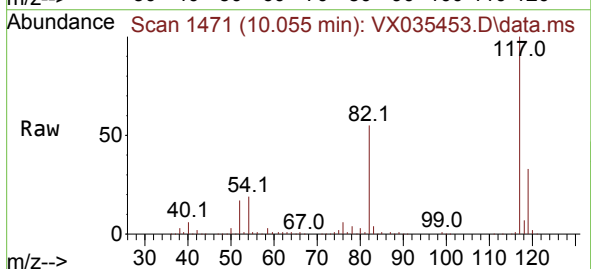
Instrument :
MSVOA_X
ClientSampleId :
22-MW-2I

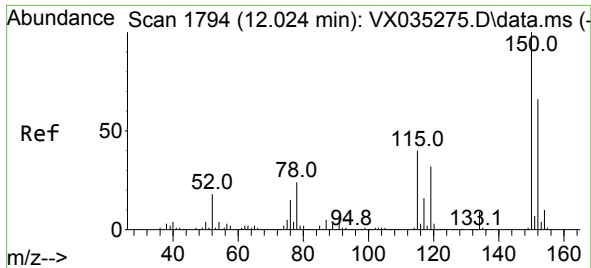
Tgt Ion: 95 Resp: 182020
Ion Ratio Lower Upper
95 100
174 80.3 0.0 147.4
176 77.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

Tgt Ion: 117 Resp: 369479
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.9 26.0 39.0

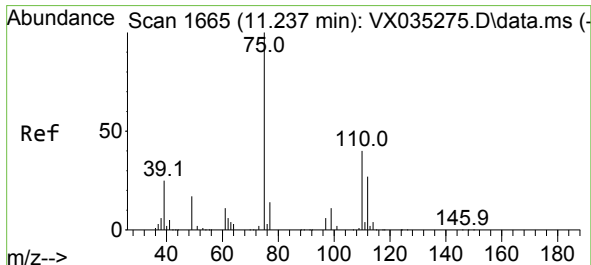
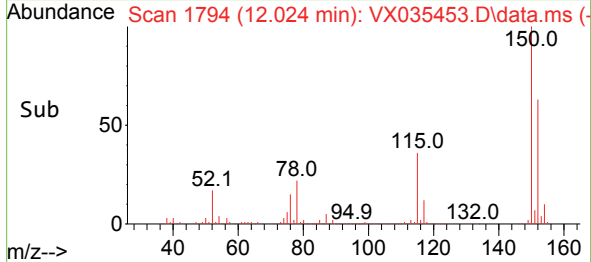
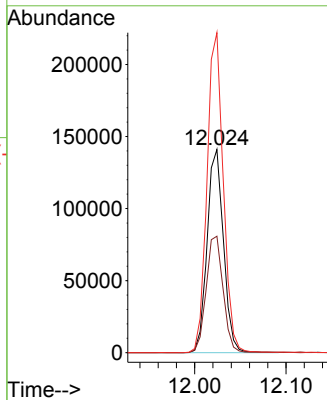
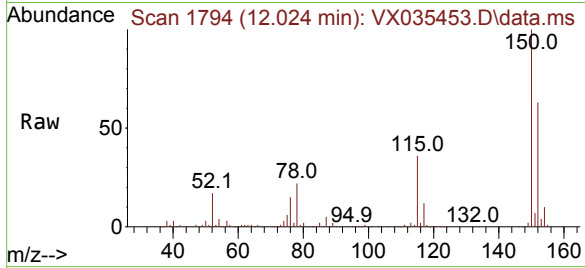




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

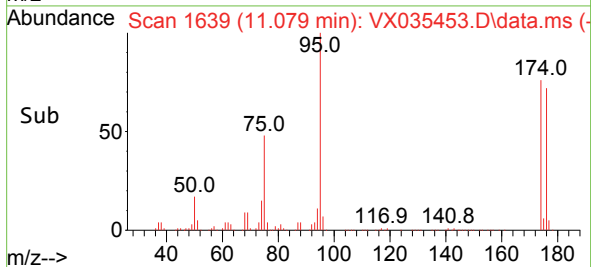
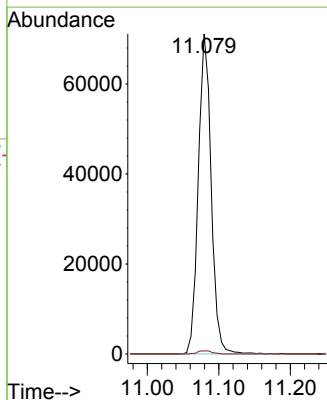
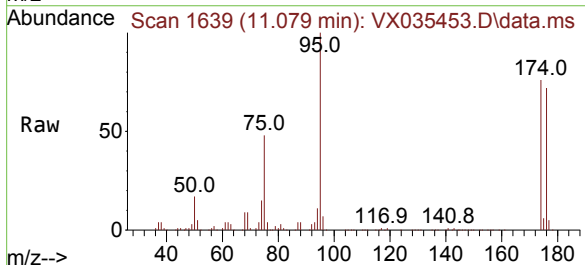
Instrument :
MSVOA_X
ClientSampleId :
22-MW-2I

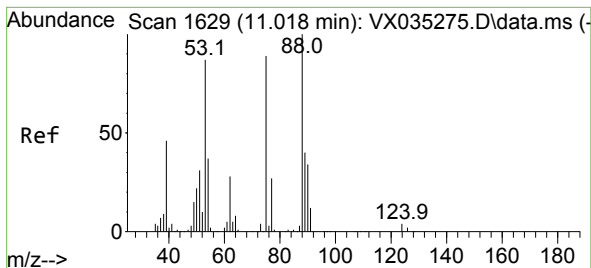
Tgt Ion:	152	Resp:	175255
Ion	Ratio	Lower	Upper
152	100		
115	59.3	45.0	135.0
150	156.7	0.0	352.4



#76
1,2,3-Trichloropropane
Concen: 25.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

Tgt Ion:	75	Resp:	88843
Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.6	64.8#

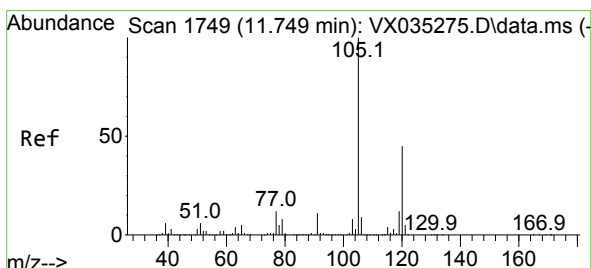
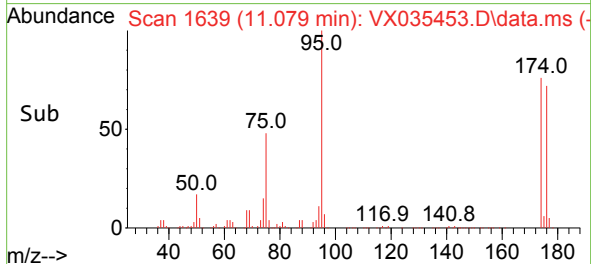
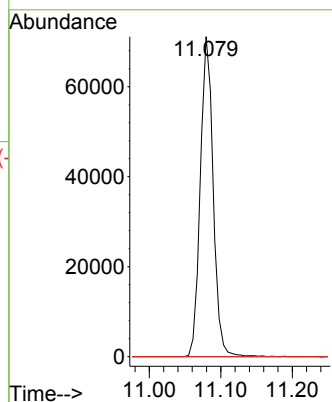
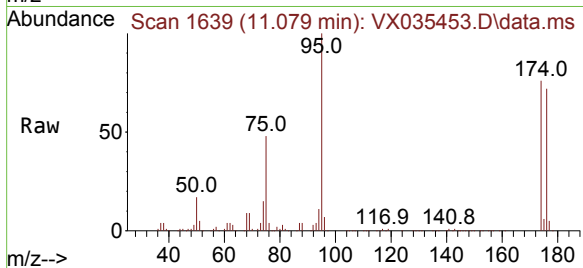




#81
trans-1,4-Dichloro-2-butene
Concen: 82.309 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

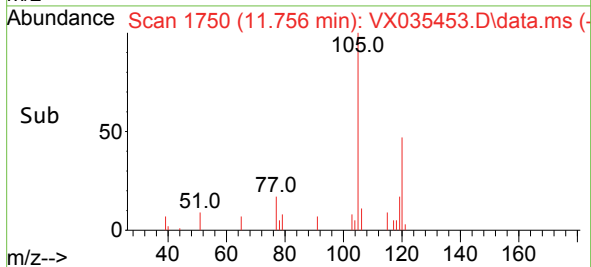
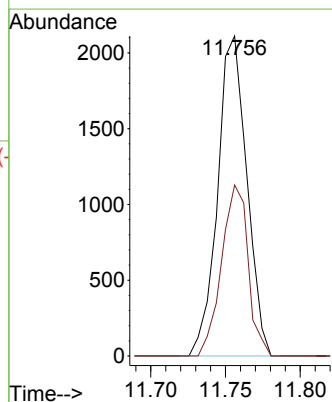
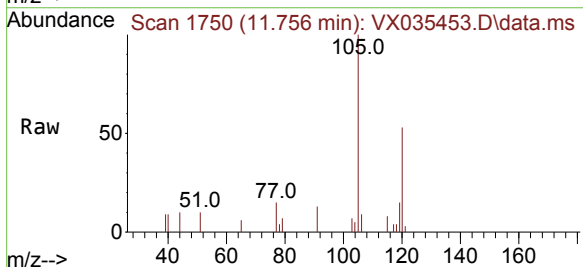
Instrument :
MSVOA_X
ClientSampleId :
22-MW-2I

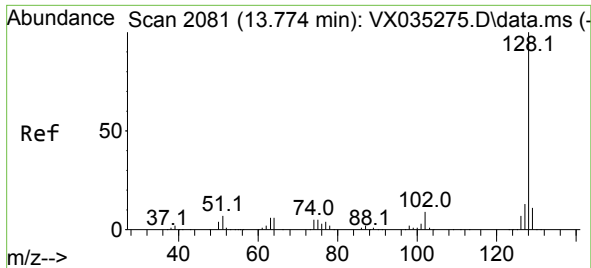
Tgt Ion: 75 Resp: 88843
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.264 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VX035453.D
Acq: 01 May 2023 20:11

Tgt Ion: 105 Resp: 2865
Ion Ratio Lower Upper
105 100
120 48.6 22.4 67.0





#95

Naphthalene

Concen: 1.280 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX035453.D

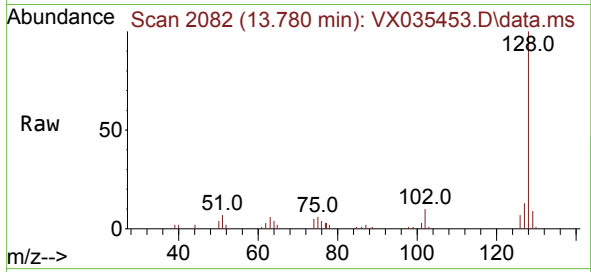
Acq: 01 May 2023 20:11

Instrument :

MSVOA_X

ClientSampleId :

22-MW-2I



Tgt Ion:128 Resp: 14994

Ion Ratio Lower Upper

128 100

127 11.3 10.2 15.4

129 9.8 8.6 13.0

