

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035368.D
 Acq On : 28 Apr 2023 06:08
 Operator : JC/MD
 Sample : 02522-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Apr 28 06:45:55 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	231473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	138284	49.518	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.040%
35) Dibromofluoromethane	5.385	113	116070	49.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	8.647	98	448009	50.765	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.079	95	171073	51.530	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.060%

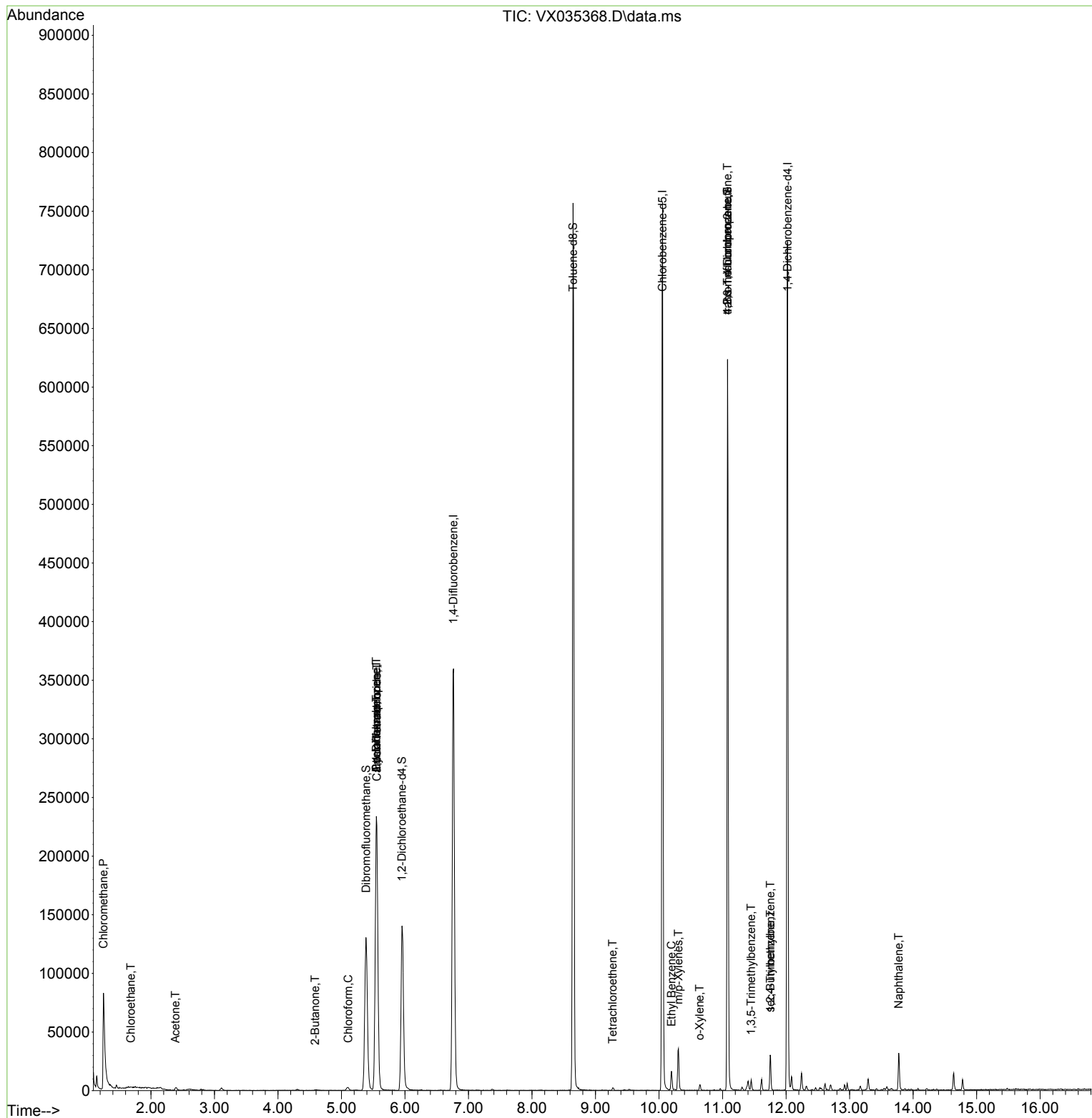
Target Compounds			Qvalue			
3) Chloromethane	1.252	50	2981	1.338	ug/l #	42
6) Chloroethane	1.685	64	372	0.285	ug/l #	42
16) Acetone	2.386	43	3525	2.906	ug/l	100
25) 2-Butanone	4.586	43	1034	0.584	ug/l	96
30) Chloroform	5.105	83	3323	0.746	ug/l	97
31) Cyclohexane	5.550	56	4432	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16658	4.560	ug/l #	52
38) Carbon Tetrachloride	5.556	117	23220	6.696	ug/l #	16
64) Tetrachloroethene	9.269	164	621	0.233	ug/l #	56
67) Ethyl Benzene	10.195	91	9990	0.764	ug/l	96
68) m/p-Xylenes	10.305	106	9512	1.900	ug/l	90
69) o-Xylene	10.640	106	1177	0.240	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	84327	25.455	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.451	105	4122	0.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	84327	82.445	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	13934	1.355	ug/l	97
85) sec-Butylbenzene	11.756	105	13934	1.106	ug/l #	56
95) Naphthalene	13.774	128	22879	2.061	ug/l	100

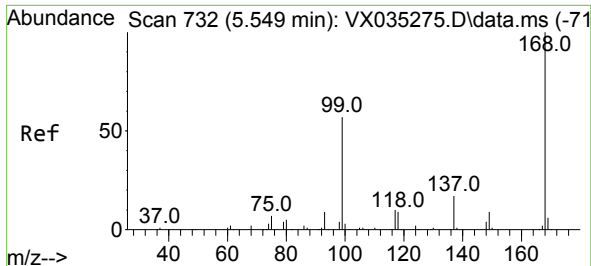
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035368.D
Acq On : 28 Apr 2023 06:08
Operator : JC/MD
Sample : 02522-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Quant Time: Apr 28 06:45:55 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

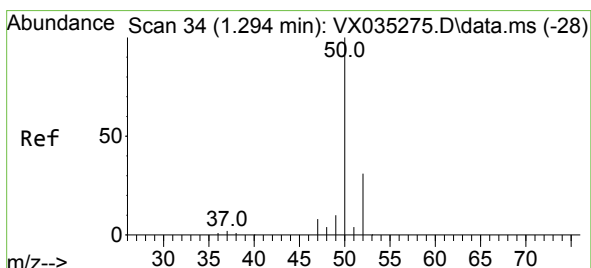
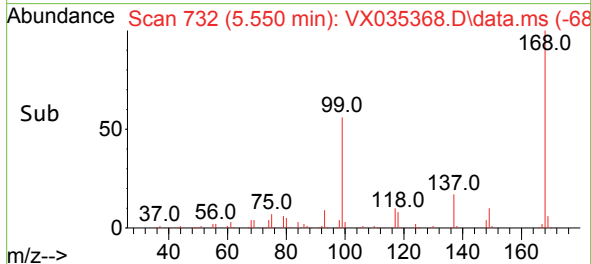
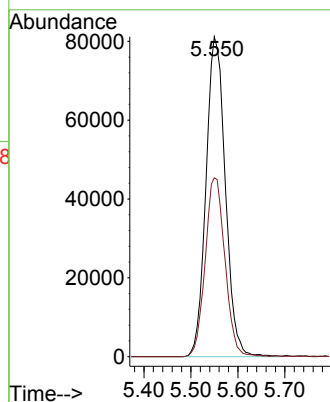
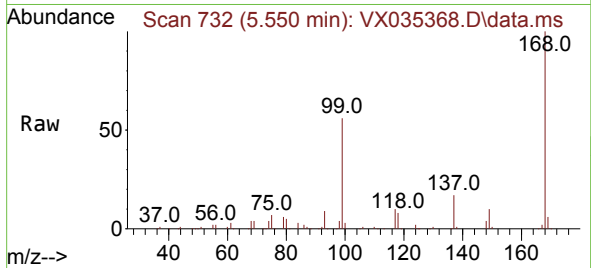




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

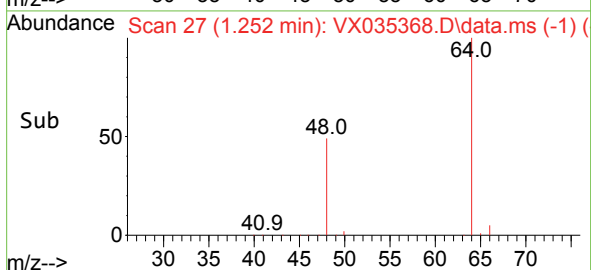
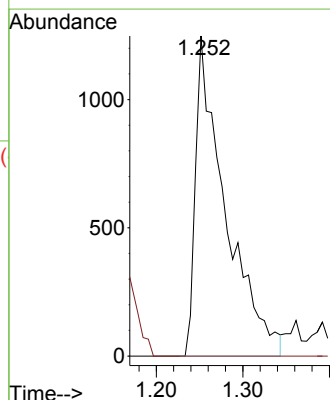
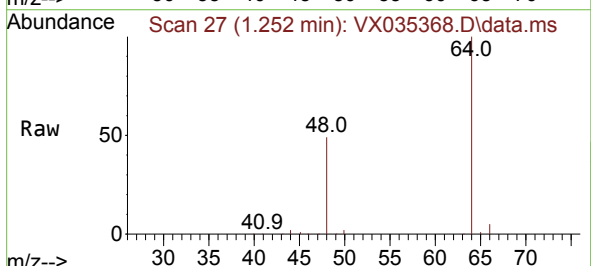
Instrument :
MSVOA_X
ClientSampleId :
MW-4

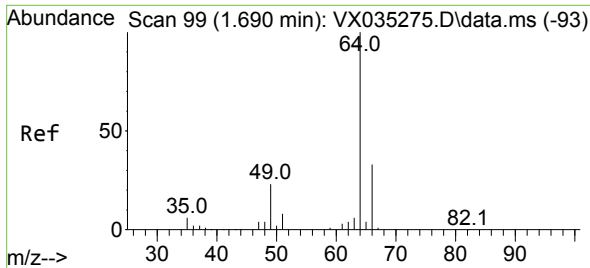
Tgt Ion:168 Resp: 231473
Ion Ratio Lower Upper
168 100
99 55.9 45.7 68.5



#3
Chloromethane
Concen: 1.338 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion: 50 Resp: 2981
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

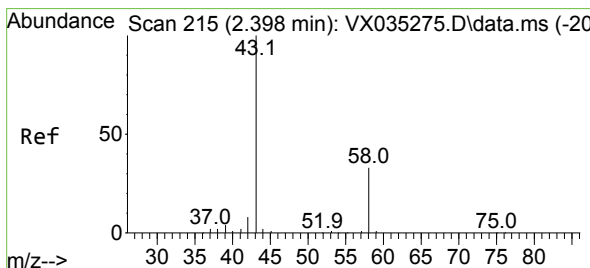
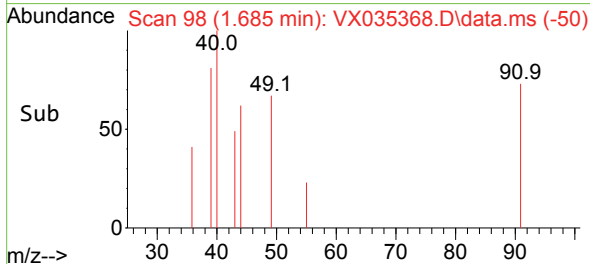
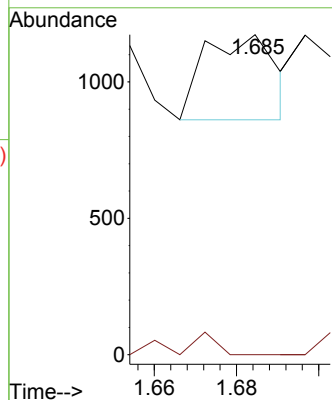
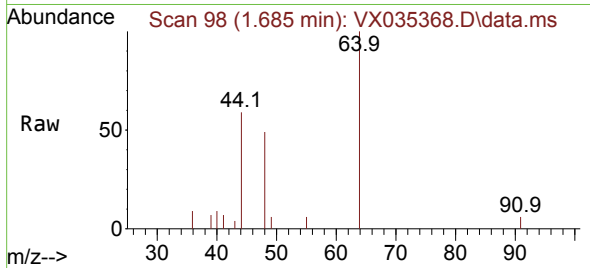




#6
Chloroethane
Concen: 0.285 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.005 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

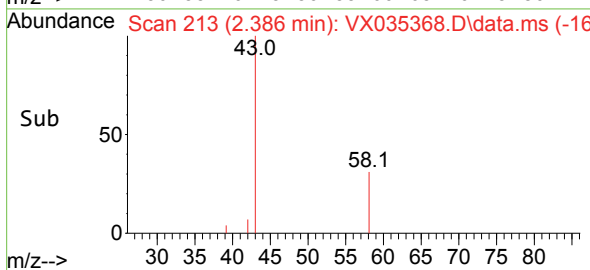
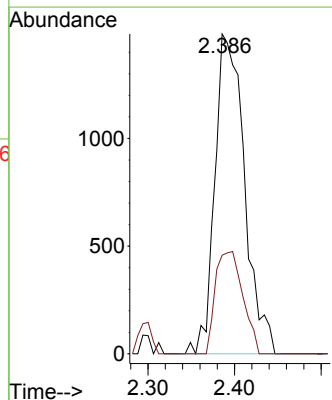
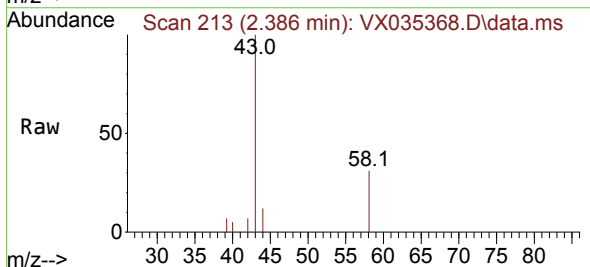
Instrument :
MSVOA_X
ClientSampleId :
MW-4

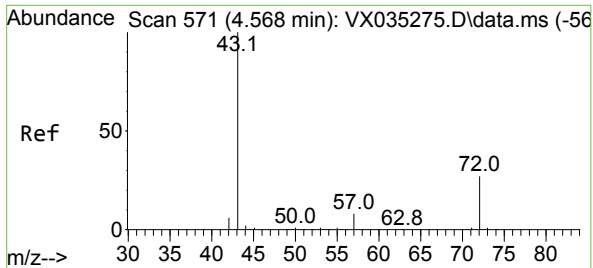
Tgt Ion: 64 Resp: 372
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 2.906 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion: 43 Resp: 3525
Ion Ratio Lower Upper
43 100
58 30.8 24.7 37.1

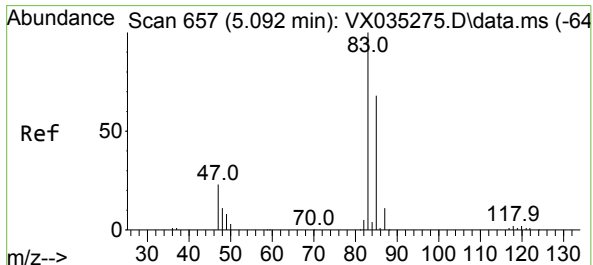
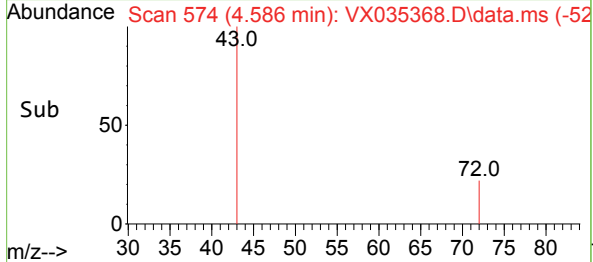
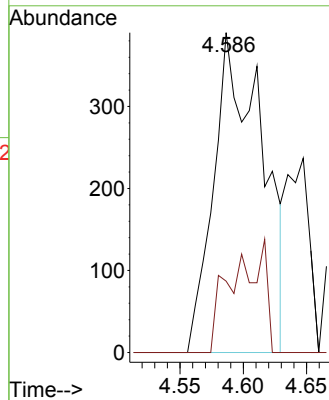
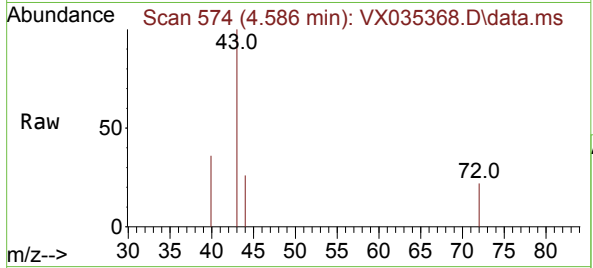




#25
2-Butanone
Concen: 0.584 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

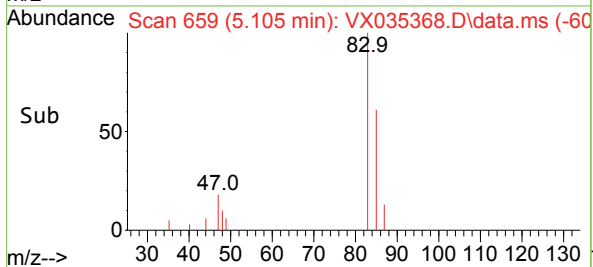
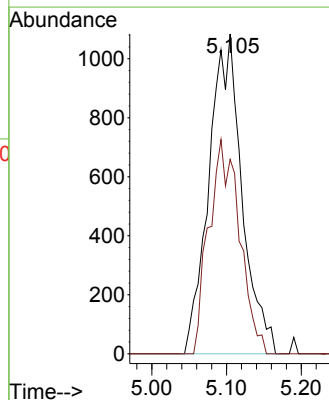
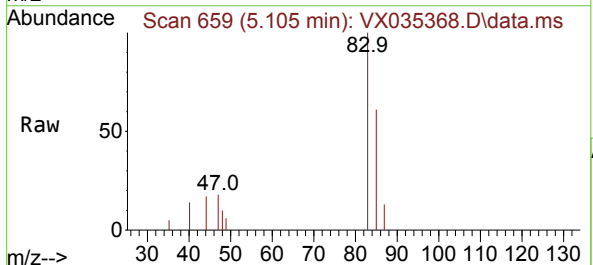
Instrument :
MSVOA_X
ClientSampleId :
MW-4

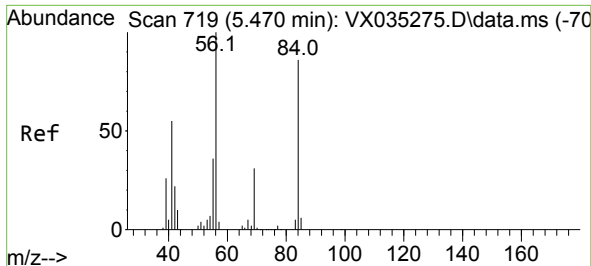
Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
72 22.3 19.3 28.9



#30
Chloroform
Concen: 0.746 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.013 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion: 83 Resp: 3323
Ion Ratio Lower Upper
83 100
85 60.8 50.6 76.0

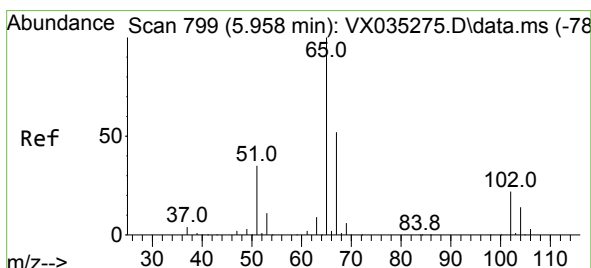
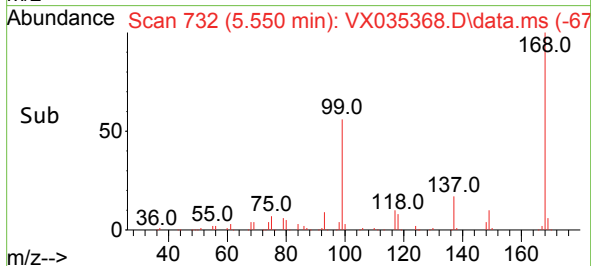
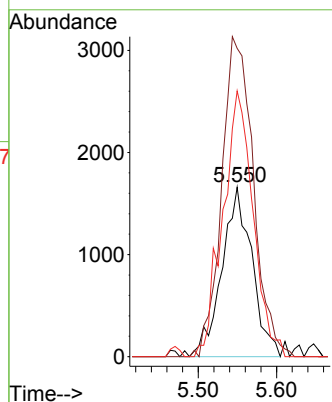
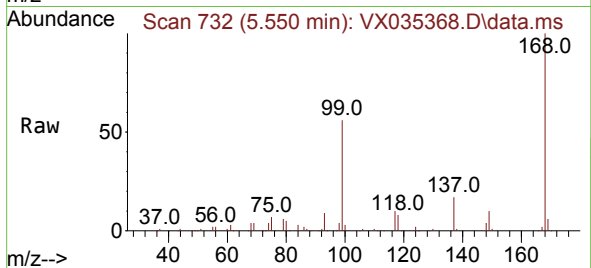




#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

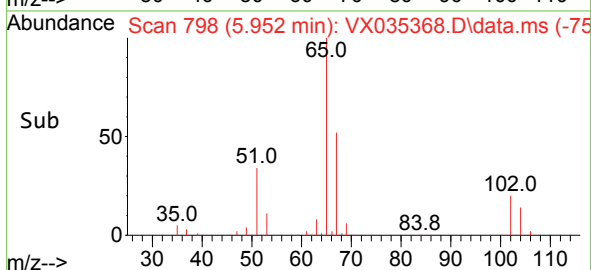
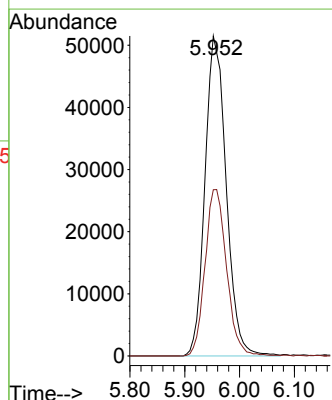
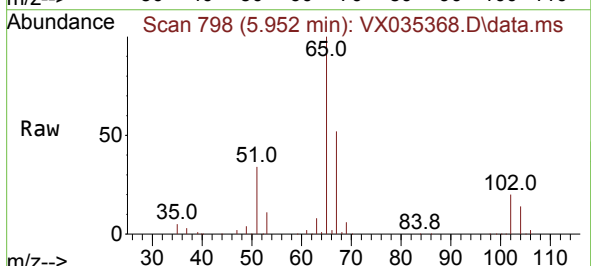
Instrument :
MSVOA_X
ClientSampleId :
MW-4

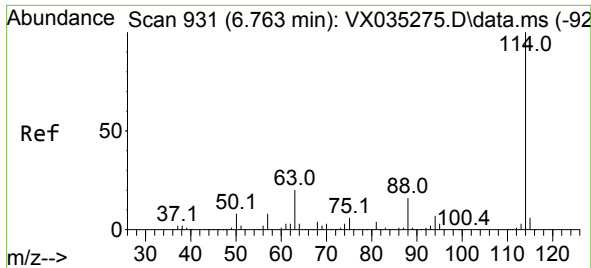
Tgt Ion: 56 Resp: 4432
Ion Ratio Lower Upper
56 100
69 181.9 23.7 35.5#
84 153.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.518 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion: 65 Resp: 138284
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0

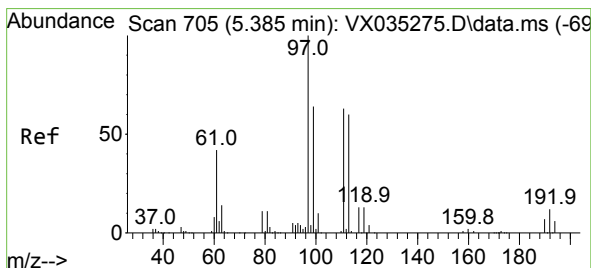
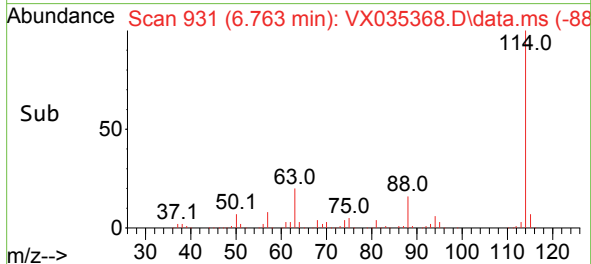
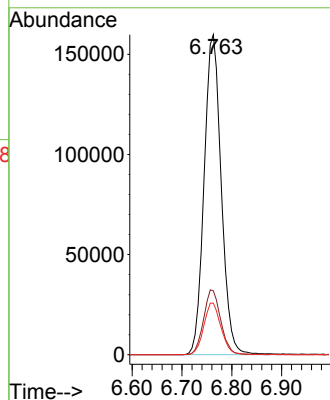
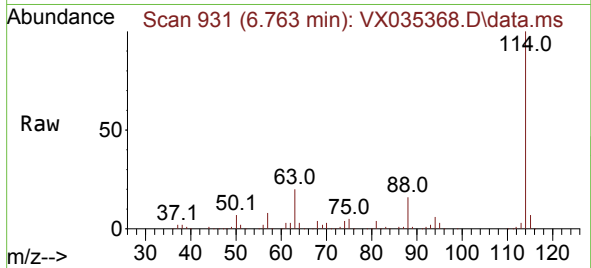




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

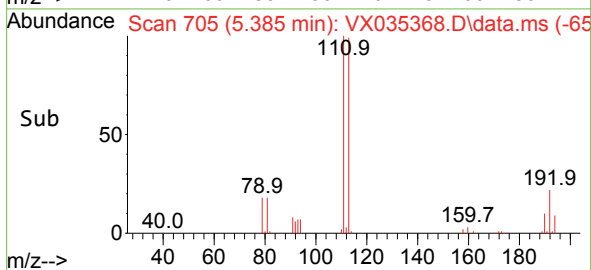
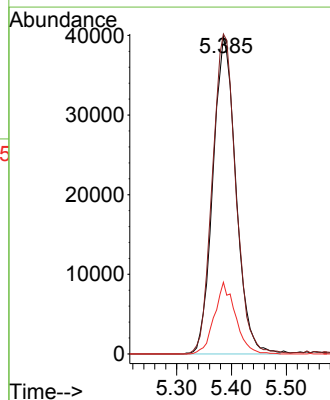
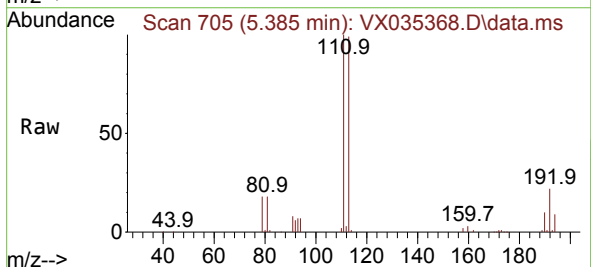
Instrument :
MSVOA_X
ClientSampleId :
MW-4

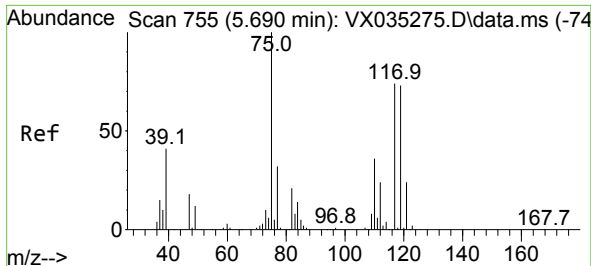
Tgt Ion:114 Resp: 381158
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.615 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion:113 Resp: 116070
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 20.8 15.4 23.2

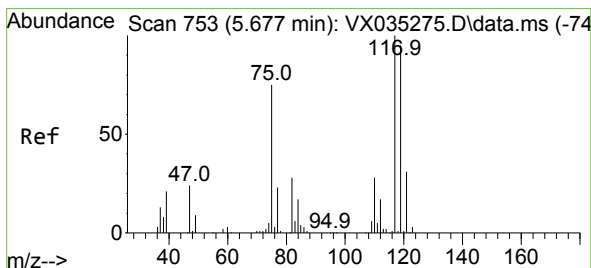
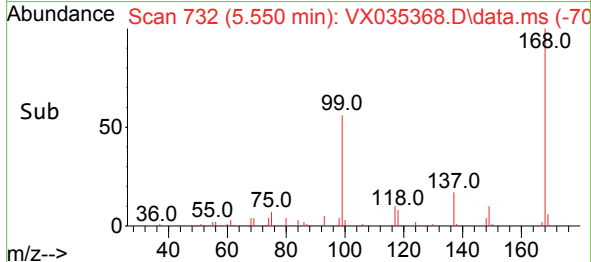
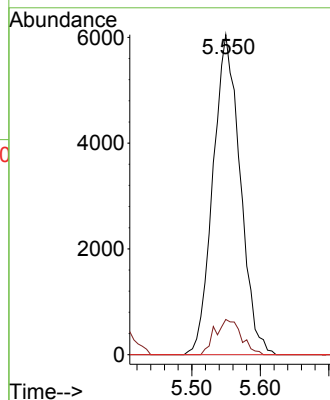
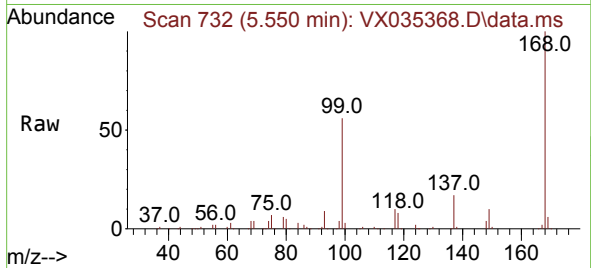




#36
 1,1-Dichloropropene
 Concen: 4.560 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.140 min
 Lab File: VX035368.D
 Acq: 28 Apr 2023 06:08

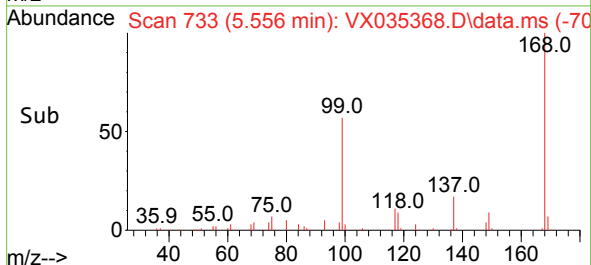
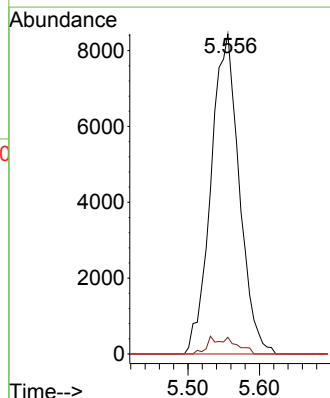
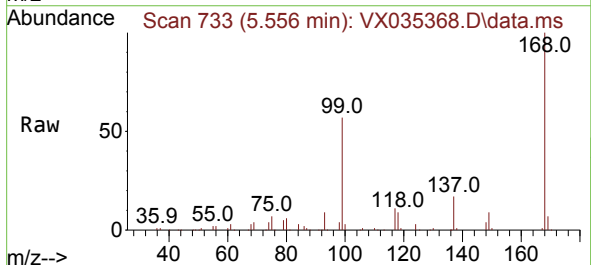
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

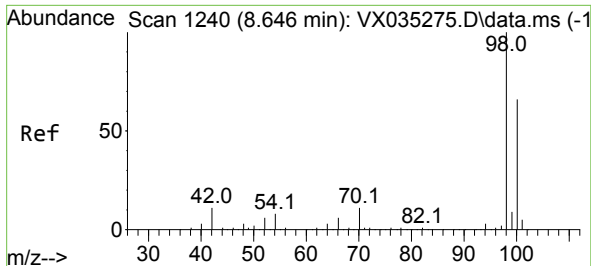
Tgt Ion: 75 Resp: 16658
 Ion Ratio Lower Upper
 75 100
 110 10.6 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.696 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.121 min
 Lab File: VX035368.D
 Acq: 28 Apr 2023 06:08

Tgt Ion: 117 Resp: 23220
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.6 114.8#
 121 0.0 23.8 35.6#

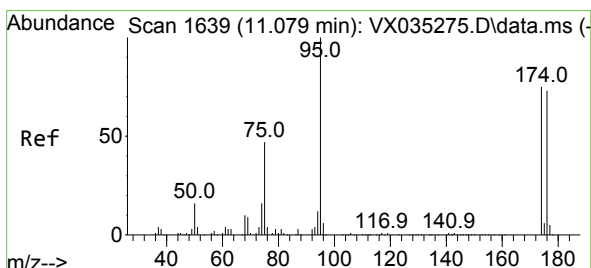
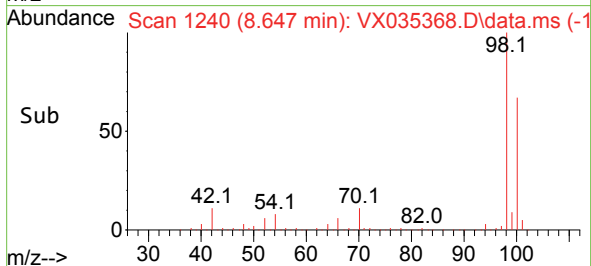
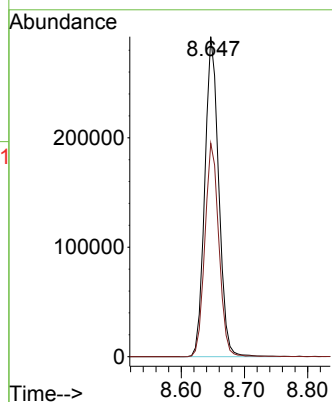
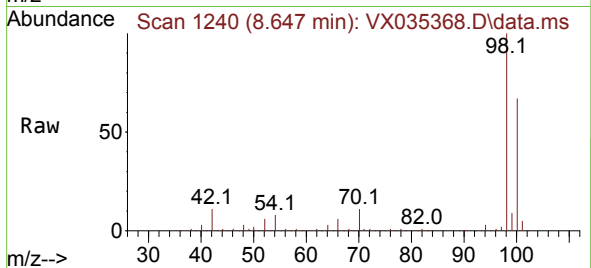




#50
Toluene-d8
Concen: 50.765 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

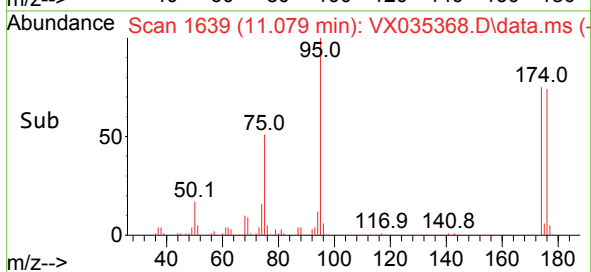
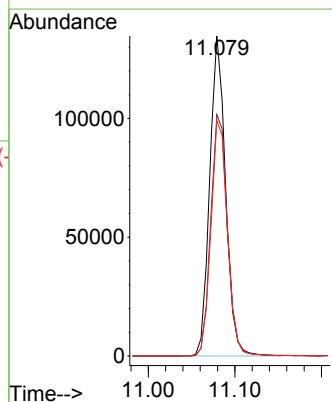
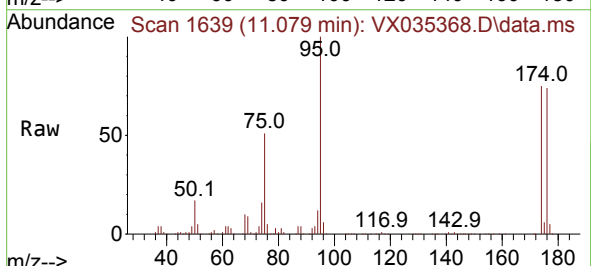
Instrument :
MSVOA_X
ClientSampleId :
MW-4

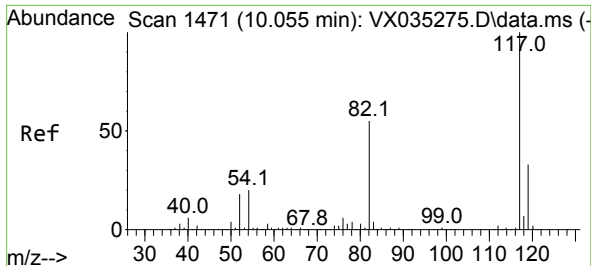
Tgt Ion: 98 Resp: 448009
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.530 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion: 95 Resp: 171073
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.4
176 76.8 0.0 140.6

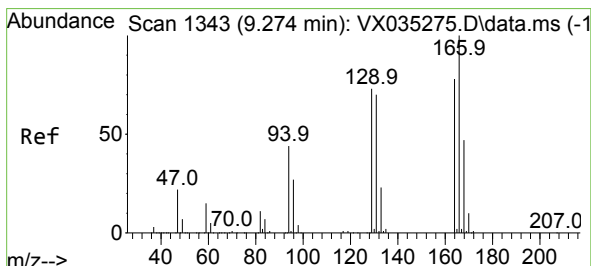
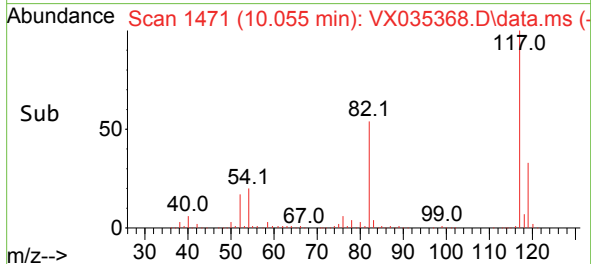
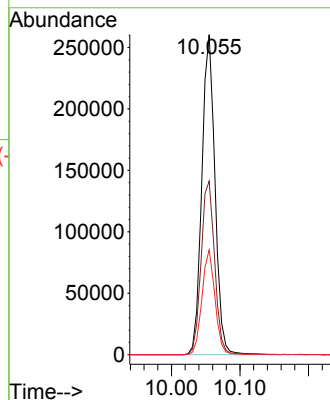
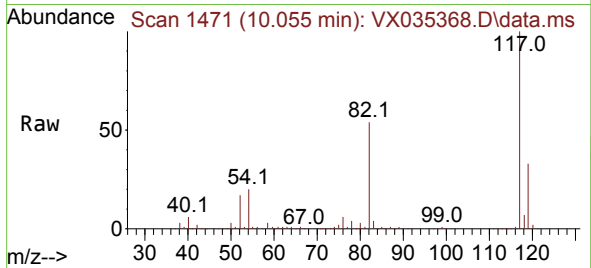




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

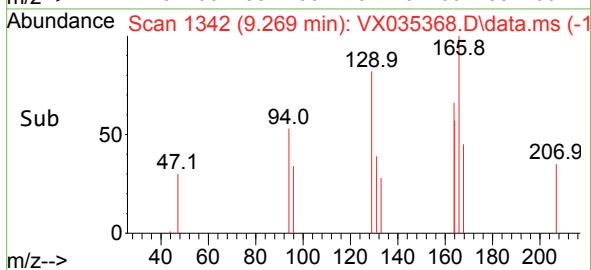
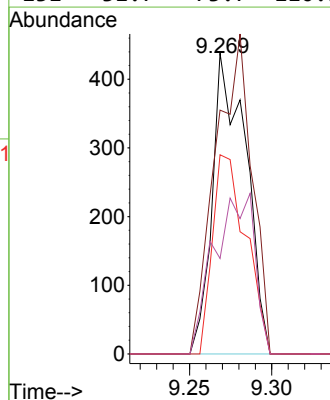
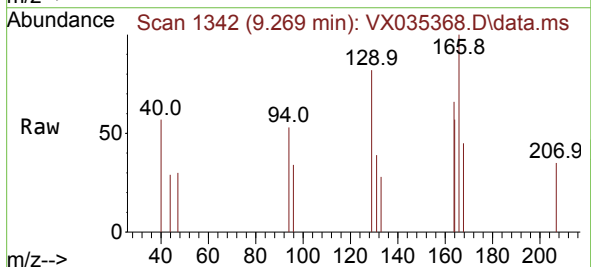
Instrument :
MSVOA_X
ClientSampleId :
MW-4

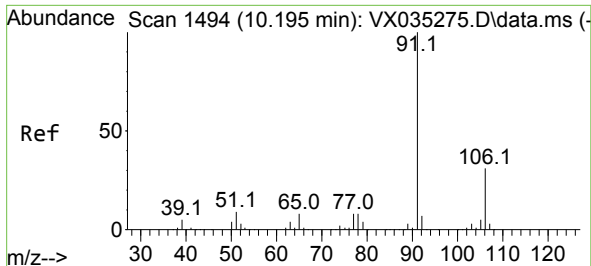
Tgt Ion:117 Resp: 348794
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.8 26.0 39.0



#64
Tetrachloroethene
Concen: 0.233 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion:164 Resp: 621
Ion Ratio Lower Upper
164 100
166 81.1 102.7 154.1#
129 66.2 75.6 113.4#
131 31.7 73.7 110.5#

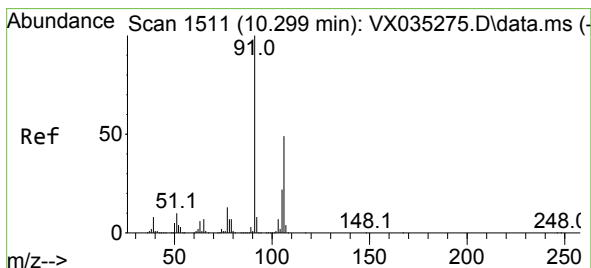
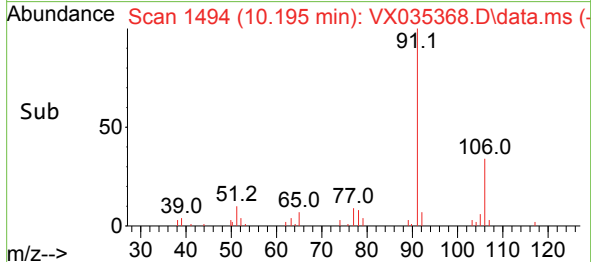
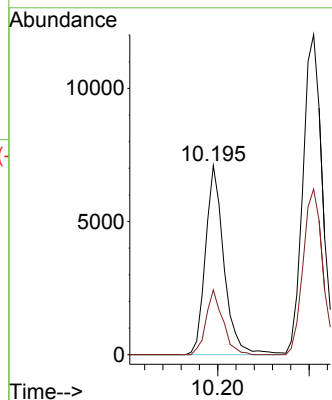
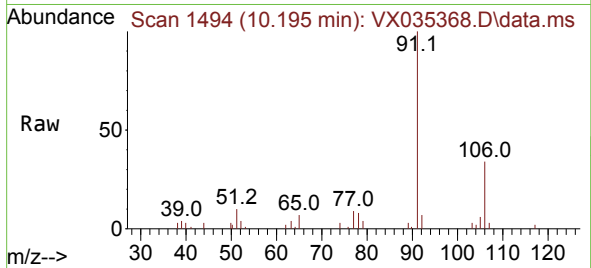




#67
Ethyl Benzene
Concen: 0.764 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

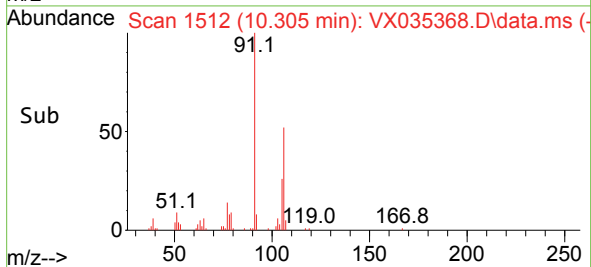
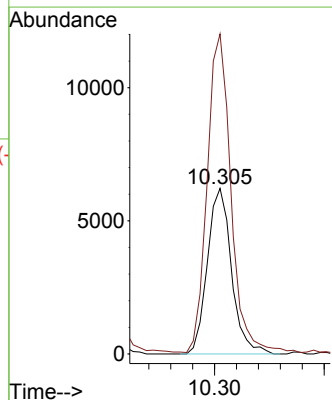
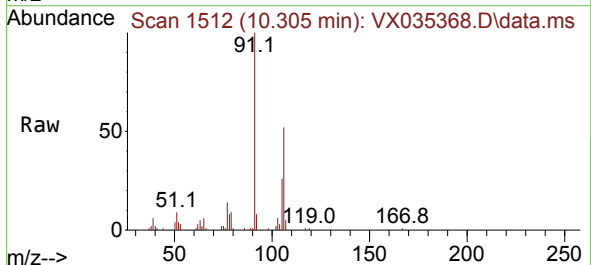
Instrument :
MSVOA_X
ClientSampleId :
MW-4

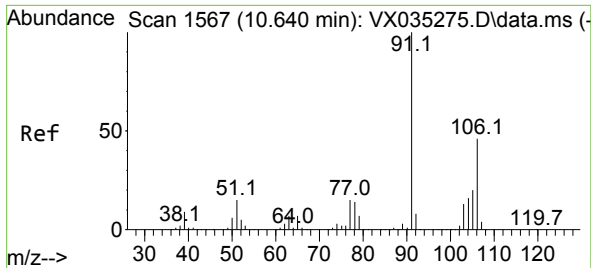
Tgt Ion: 91 Resp: 9990
Ion Ratio Lower Upper
91 100
106 34.3 25.6 38.4



#68
m/p-Xylenes
Concen: 1.900 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion: 106 Resp: 9512
Ion Ratio Lower Upper
106 100
91 189.6 164.0 246.0

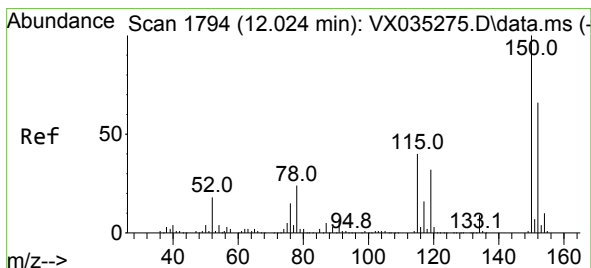
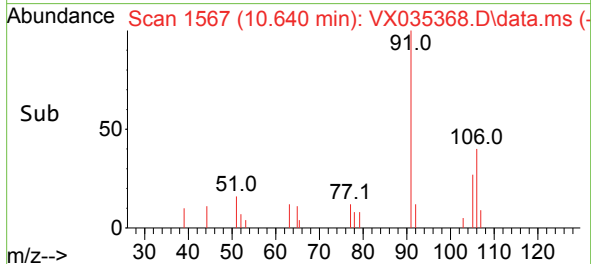
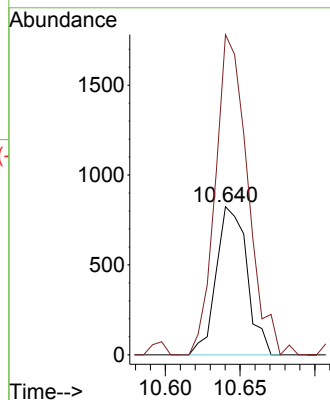
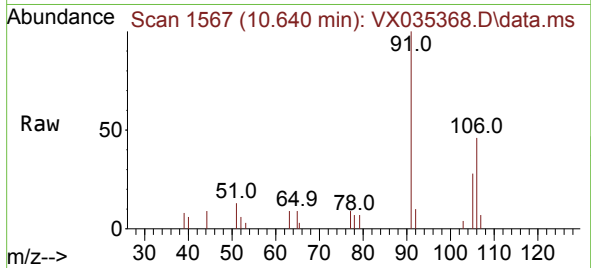




#69
o-Xylene
Concen: 0.240 ug/l
RT: 10.640 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

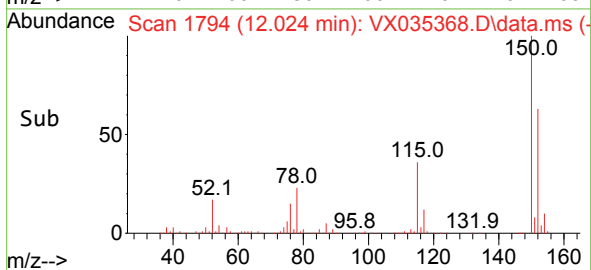
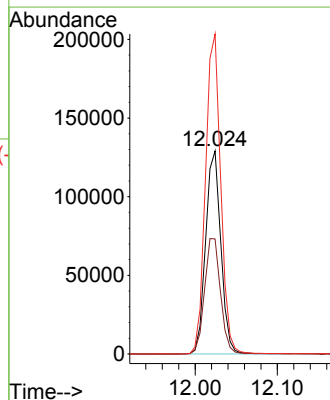
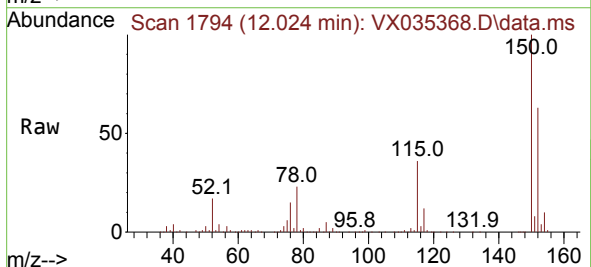
Instrument :
MSVOA_X
ClientSampleId :
MW-4

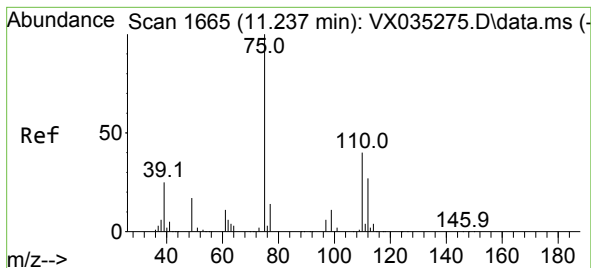
Tgt Ion:106 Resp: 1177
Ion Ratio Lower Upper
106 100
91 228.0 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion:152 Resp: 166072
Ion Ratio Lower Upper
152 100
115 59.5 45.0 135.0
150 157.2 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.455 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX035368.D

Acq: 28 Apr 2023 06:08

Instrument :

MSVOA_X

ClientSampleId :

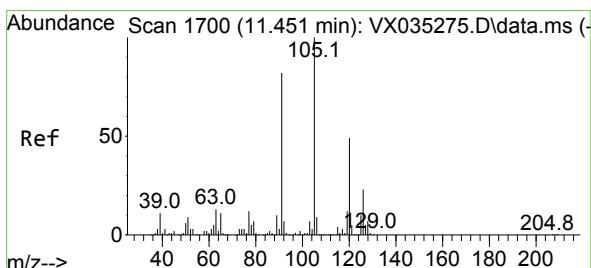
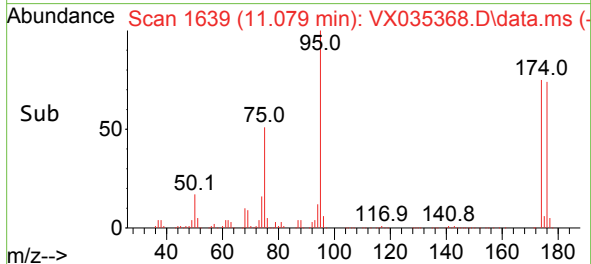
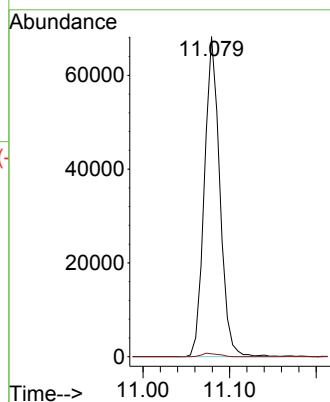
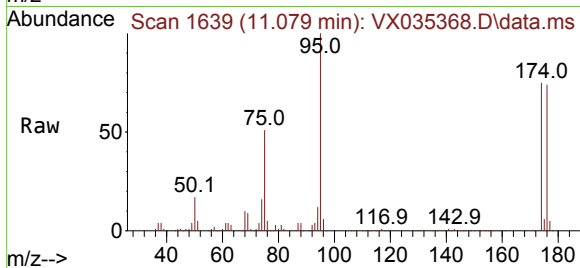
MW-4

Tgt Ion: 75 Resp: 84327

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.403 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035368.D

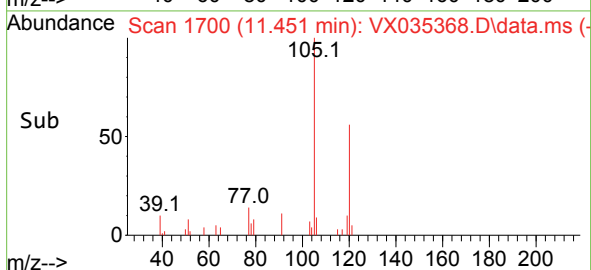
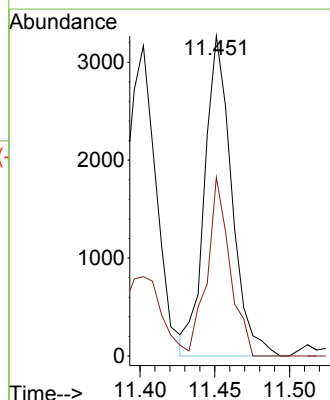
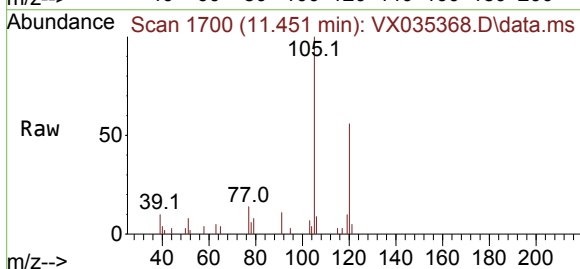
Acq: 28 Apr 2023 06:08

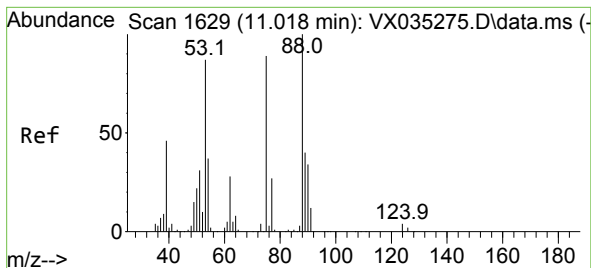
Tgt Ion: 105 Resp: 4122

Ion Ratio Lower Upper

105 100

120 46.6 23.7 71.1

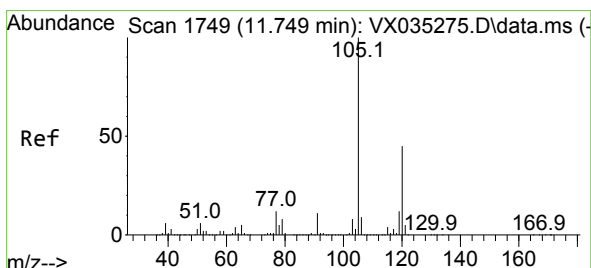
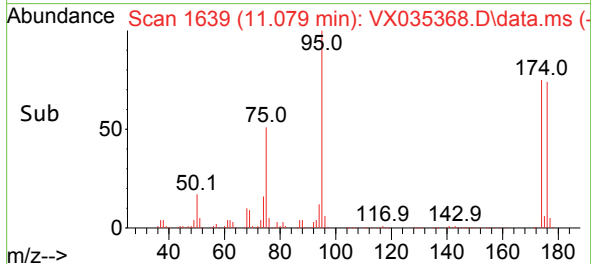
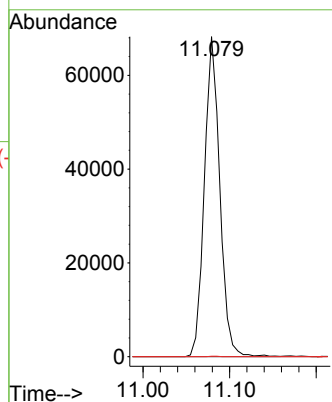
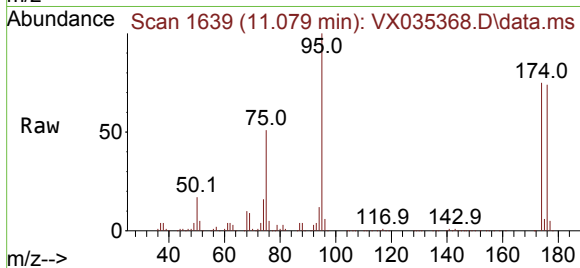




#81
trans-1,4-Dichloro-2-butene
Concen: 82.445 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

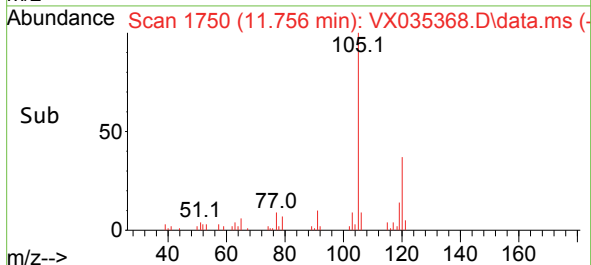
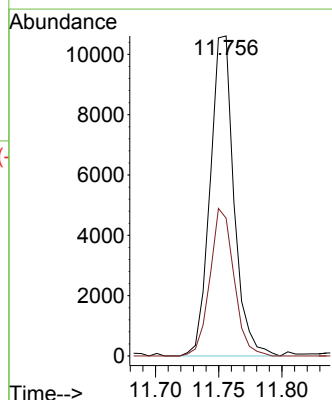
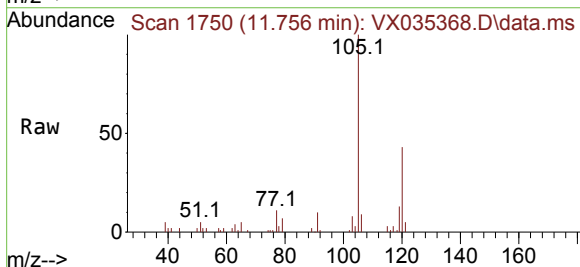
Instrument :
MSVOA_X
ClientSampleId :
MW-4

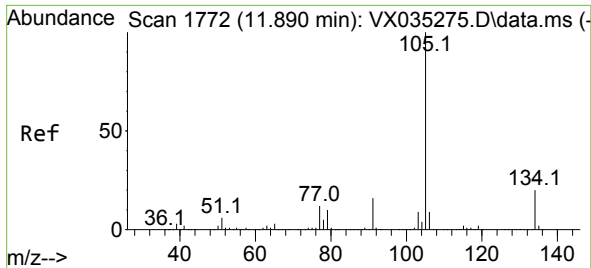
Tgt Ion: 75 Resp: 84327
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.355 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion: 105 Resp: 13934
Ion Ratio Lower Upper
105 100
120 46.4 22.4 67.0

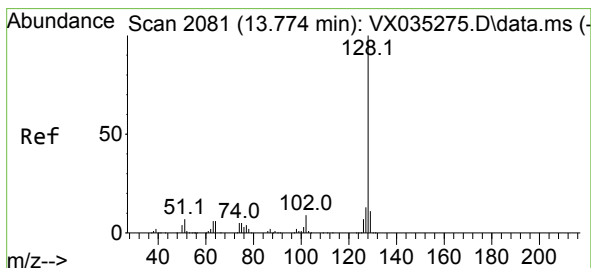
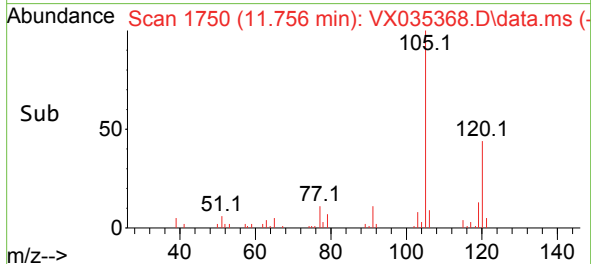
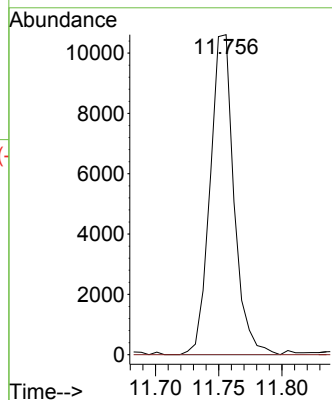
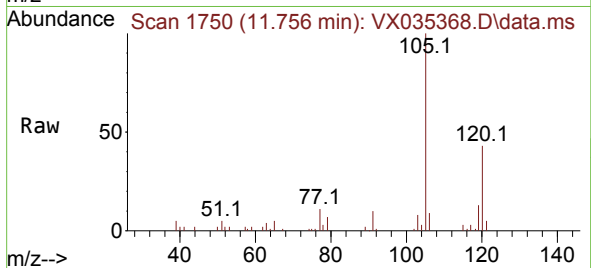




#85
sec-Butylbenzene
Concen: 1.106 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:105 Resp: 13934
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#



#95
Naphthalene
Concen: 2.061 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035368.D
Acq: 28 Apr 2023 06:08

Tgt Ion:128 Resp: 22879
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.6 13.0

