

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036247.D
 Acq On : 20 Jun 2023 16:51
 Operator : JC/MD
 Sample : 03339-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Quant Time: Jun 21 02:52:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

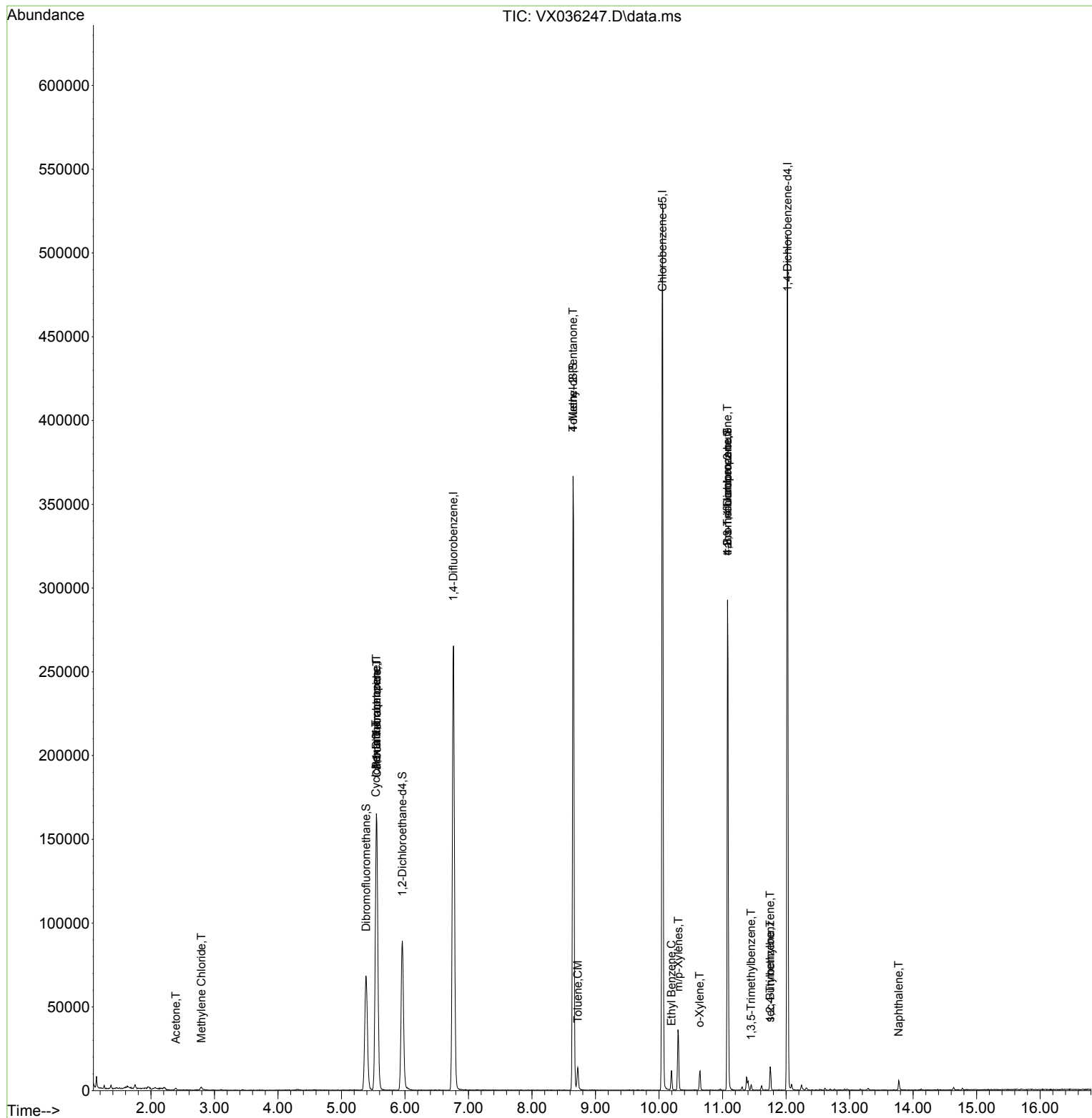
Internal Standards						
1) Pentafluorobenzene	5.550	168	140644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254588	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89455	34.805	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	69.600%#
35) Dibromofluoromethane	5.385	113	59727	34.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	69.200%#
50) Toluene-d8	8.647	98	209058	33.105	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	66.200%#
62) 4-Bromofluorobenzene	11.079	95	75456	29.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	59.200%#
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1340	1.255	ug/l	90
20) Methylene Chloride	2.794	84	771	0.399	ug/l #	85
31) Cyclohexane	5.543	56	3869	1.403	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	13445	5.287	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16697	6.754	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1271	0.444	ug/l #	1
52) Toluene	8.720	92	4912	1.097	ug/l	99
67) Ethyl Benzene	10.195	91	6164	0.769	ug/l	91
68) m/p-Xylenes	10.305	106	7829	2.588	ug/l	91
69) o-Xylene	10.640	106	2466	0.826	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	44015	18.978	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	1484	0.240	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	44015	66.428	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	6039	0.981	ug/l	95
85) sec-Butylbenzene	11.750	105	6039	0.826	ug/l #	57
95) Naphthalene	13.774	128	3955	0.636	ug/l	98

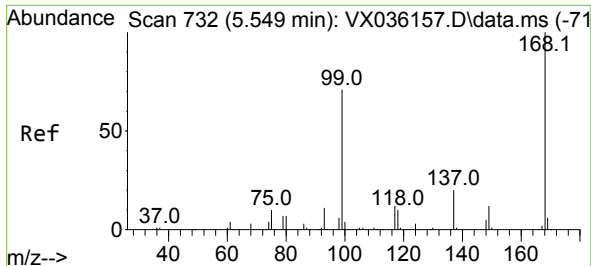
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 21 02:52:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration

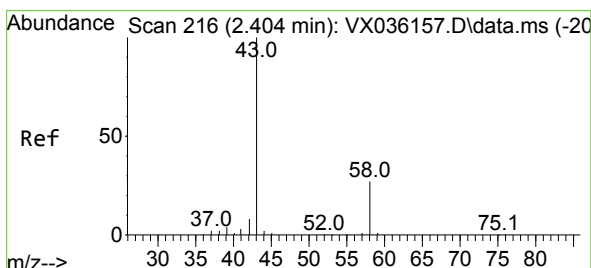
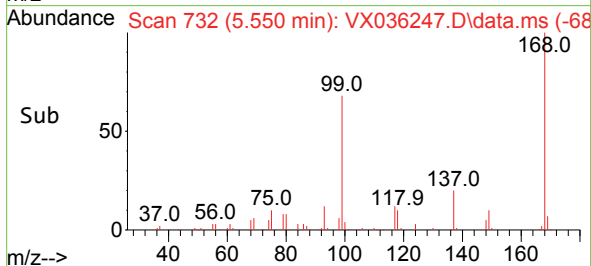
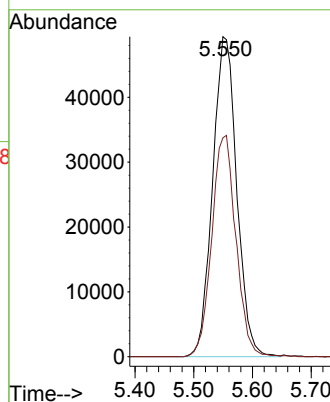
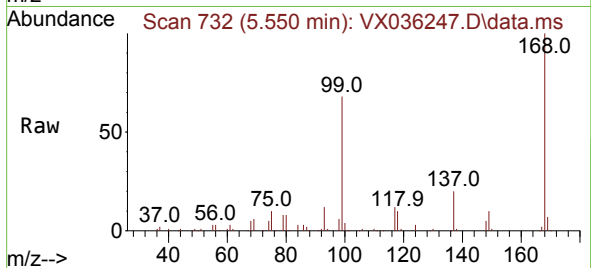




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

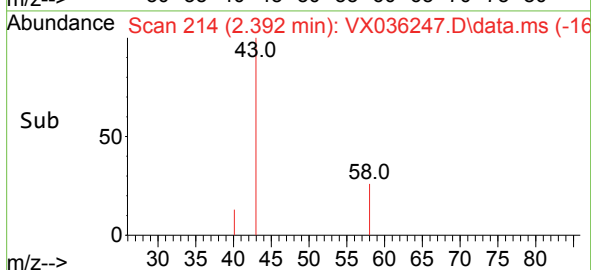
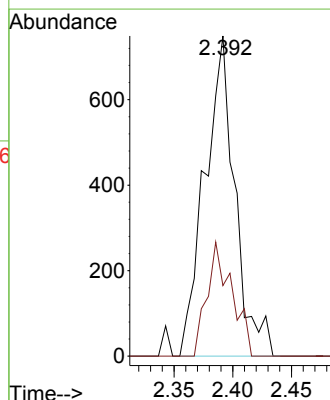
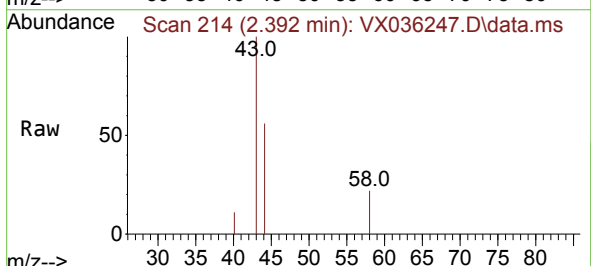
Instrument :
MSVOA_X
ClientSampleId :
MW-13

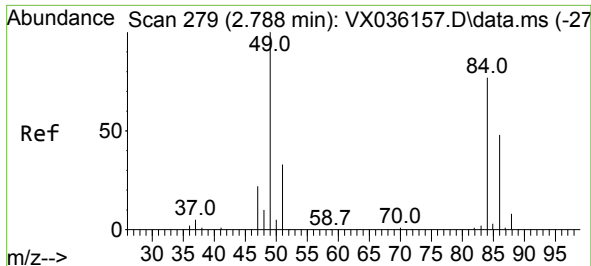
Tgt Ion:168 Resp: 140644
Ion Ratio Lower Upper
168 100
99 68.4 56.6 85.0



#16
Acetone
Concen: 1.255 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
58 22.0 21.9 32.9

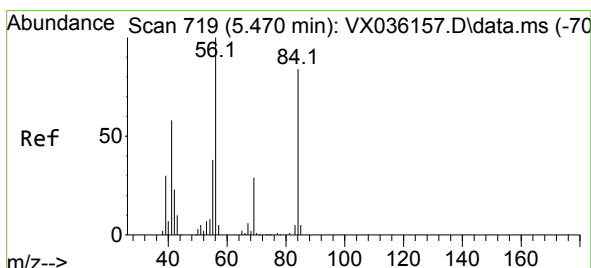
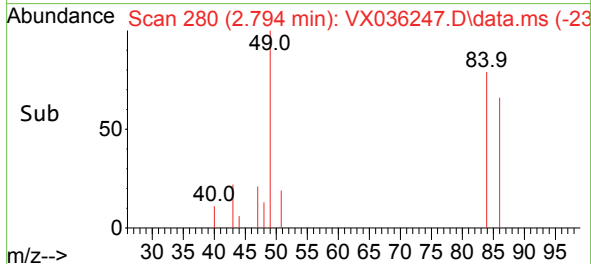
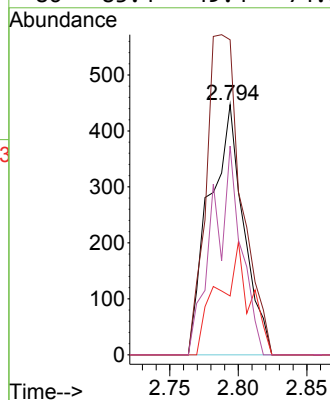
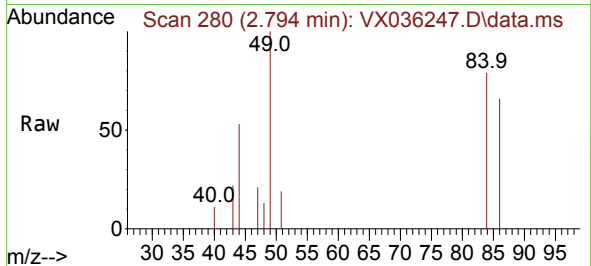




#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

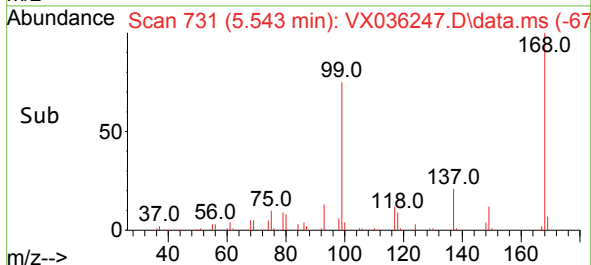
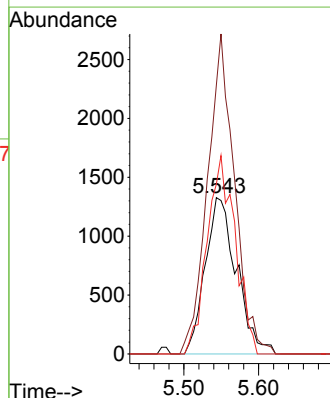
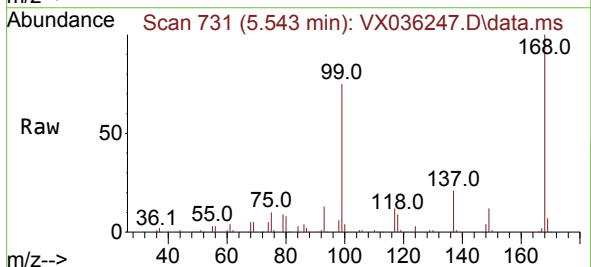
Instrument :
MSVOA_X
ClientSampleId :
MW-13

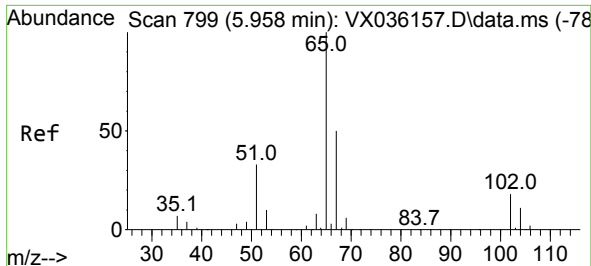
Tgt Ion:	84	Resp:	771
Ion	Ratio	Lower	Upper
84	100		
49	126.0	103.6	155.4
51	23.5	33.8	50.6#
86	83.4	49.4	74.0#



#31
Cyclohexane
Concen: 1.403 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

Tgt Ion:	56	Resp:	3869
Ion	Ratio	Lower	Upper
56	100		
69	172.0	23.4	35.2#
84	108.6	65.9	98.9#

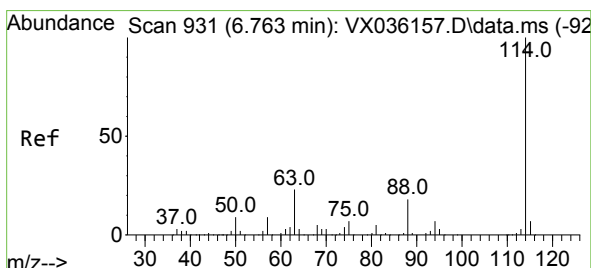
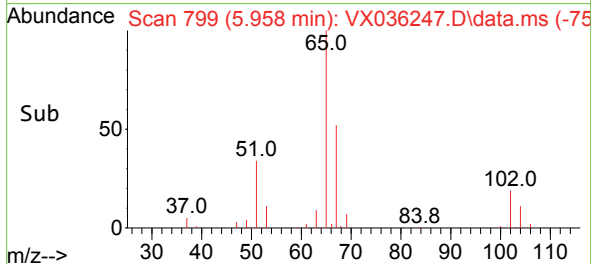
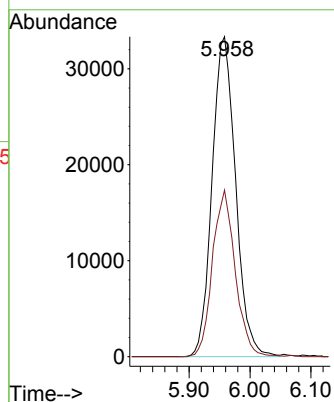
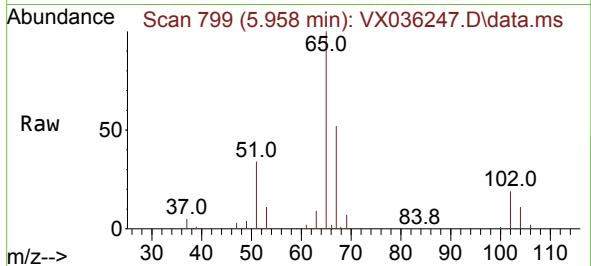




#33
 1,2-Dichloroethane-d4
 Concen: 34.805 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036247.D
 Acq: 20 Jun 2023 16:51

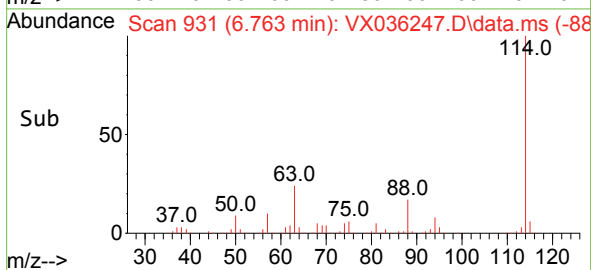
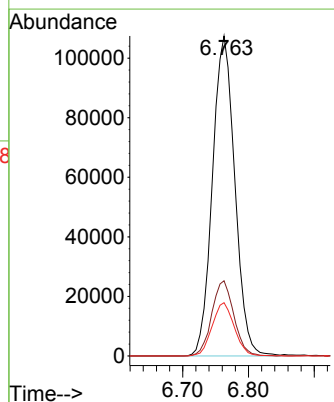
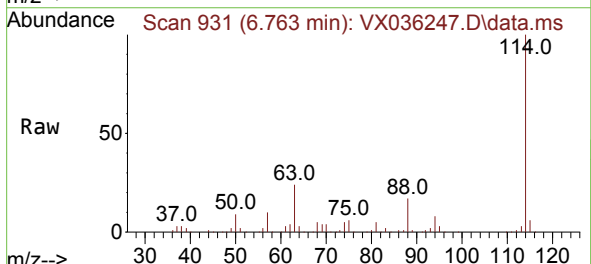
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

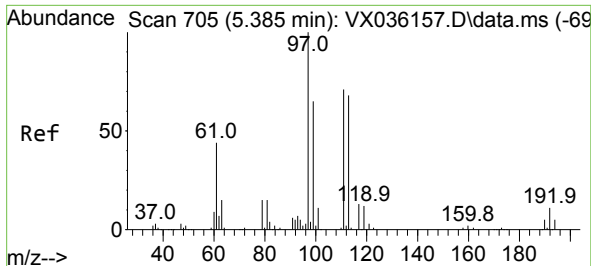
Tgt Ion: 65 Resp: 89455
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036247.D
 Acq: 20 Jun 2023 16:51

Tgt Ion: 114 Resp: 254588
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.0
 88 16.6 0.0 36.6

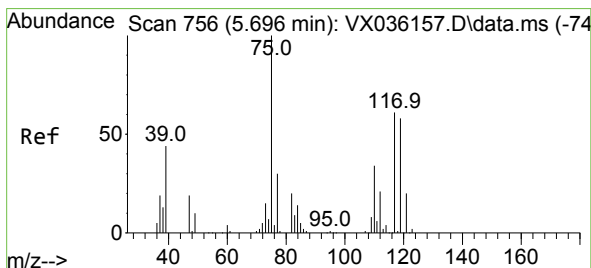
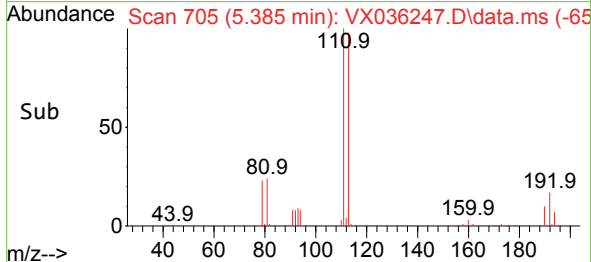
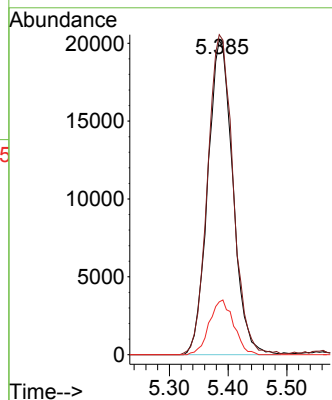
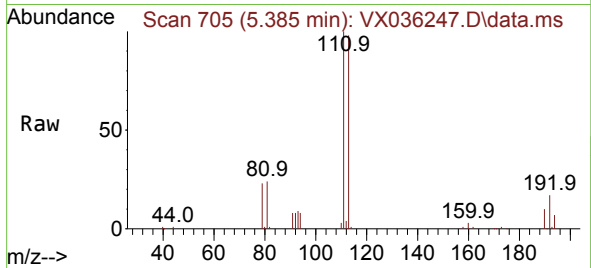




#35
Dibromofluoromethane
Concen: 34.596 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

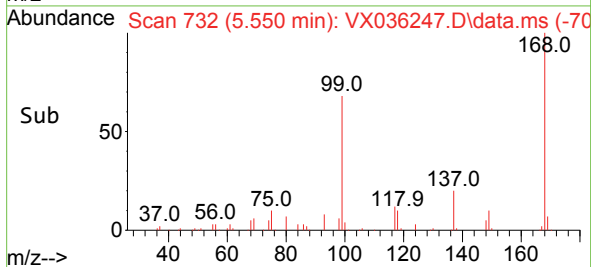
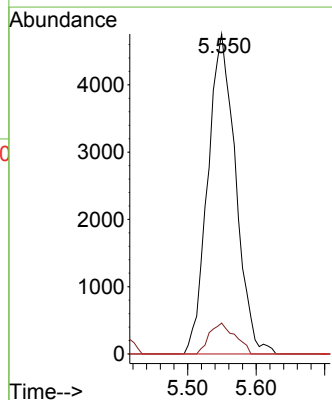
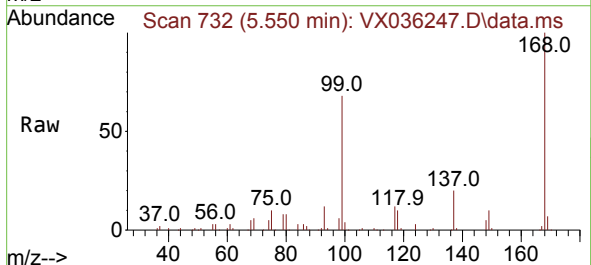
Instrument :
MSVOA_X
ClientSampleId :
MW-13

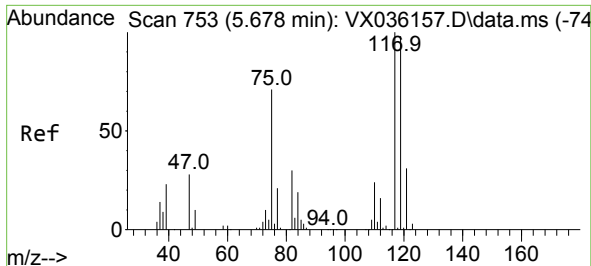
Tgt Ion:113 Resp: 59727
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.287 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

Tgt Ion: 75 Resp: 13445
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#

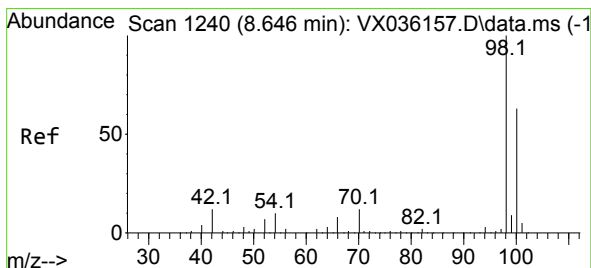
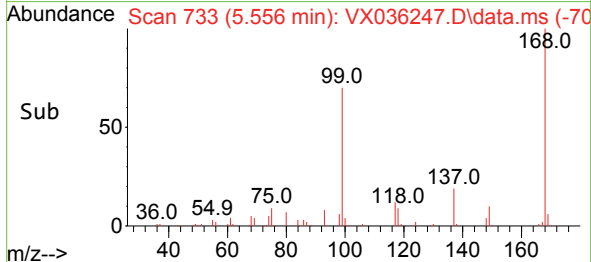
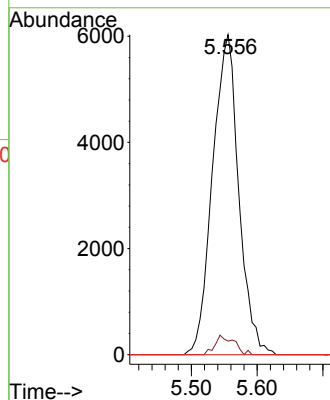
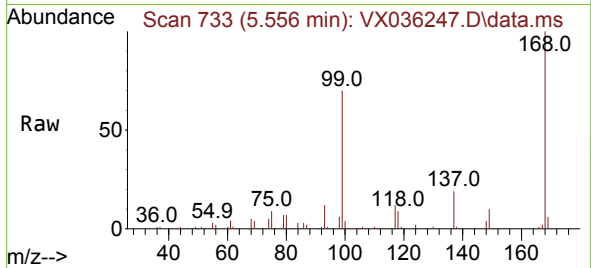




#38
Carbon Tetrachloride
Concen: 6.754 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

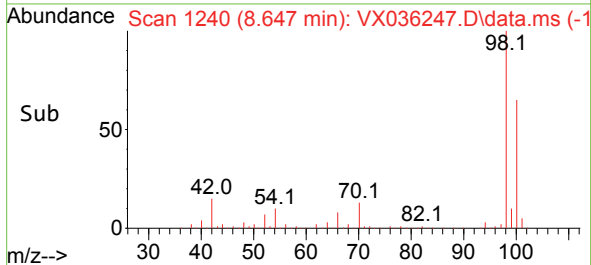
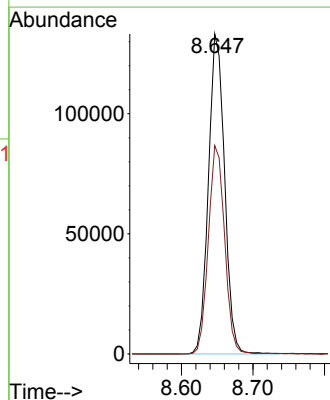
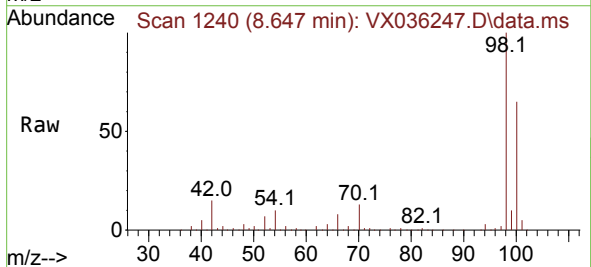
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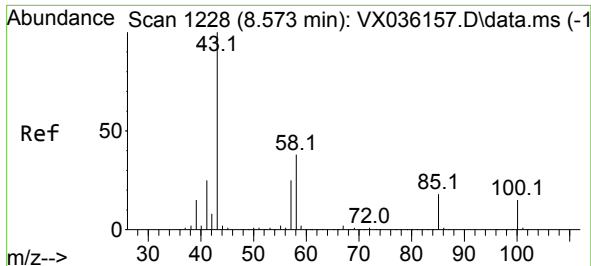
Tgt Ion:117 Resp: 16697
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 33.105 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

Tgt Ion: 98 Resp: 209058
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.444 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX036247.D

Acq: 20 Jun 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

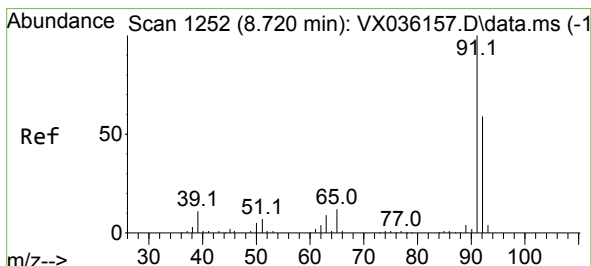
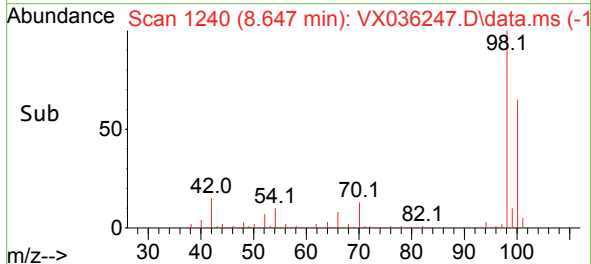
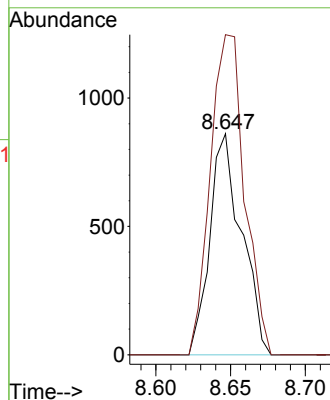
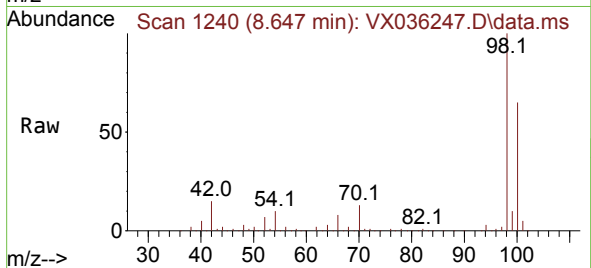
MW-13

Tgt Ion: 43 Resp: 1271

Ion Ratio Lower Upper

43 100

58 156.9 30.4 45.6#



#52

Toluene

Concen: 1.097 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036247.D

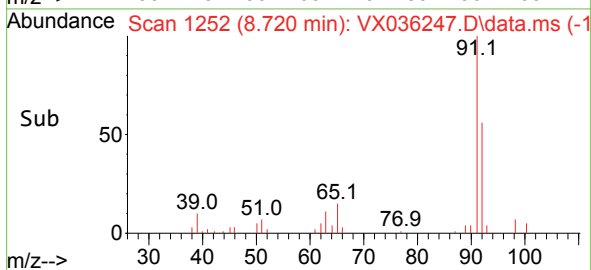
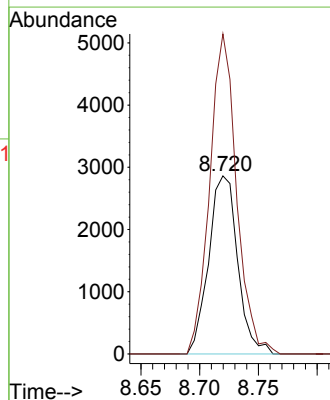
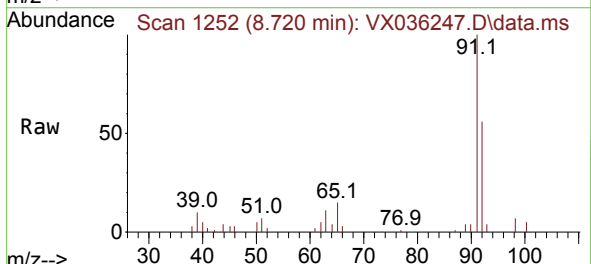
Acq: 20 Jun 2023 16:51

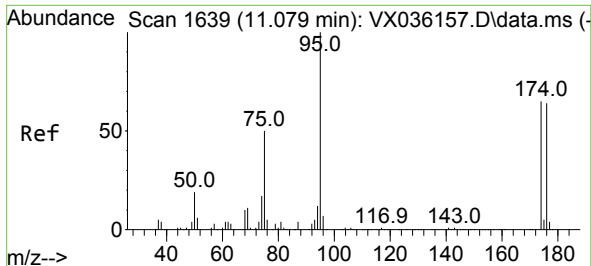
Tgt Ion: 92 Resp: 4912

Ion Ratio Lower Upper

92 100

91 166.7 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 29.601 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036247.D

Acq: 20 Jun 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

MW-13

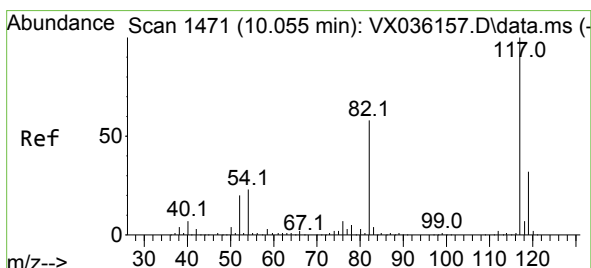
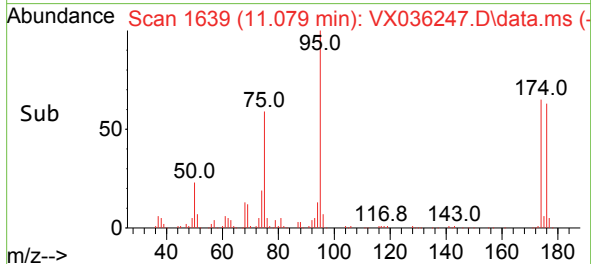
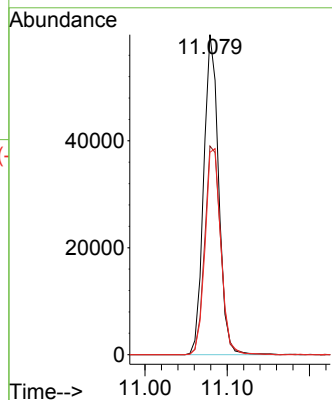
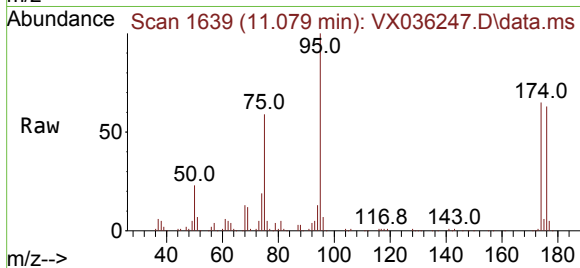
Tgt Ion: 95 Resp: 75456

Ion Ratio Lower Upper

95 100

174 69.3 0.0 135.6

176 68.0 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: VX036247.D

Acq: 20 Jun 2023 16:51

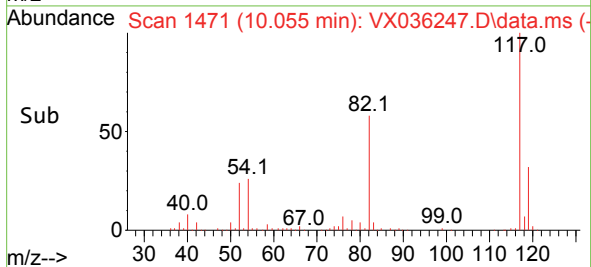
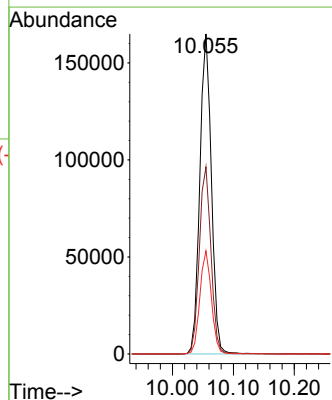
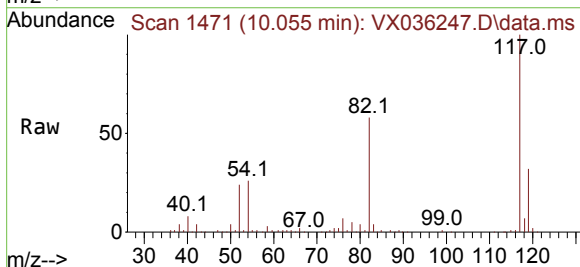
Tgt Ion: 117 Resp: 216671

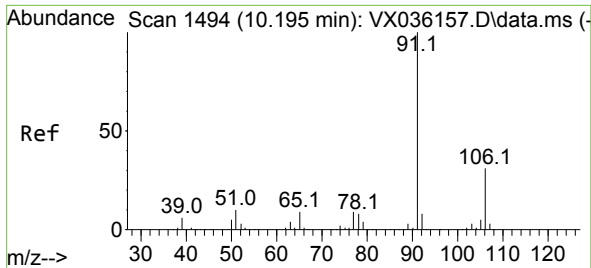
Ion Ratio Lower Upper

117 100

82 58.4 46.2 69.4

119 32.2 25.5 38.3

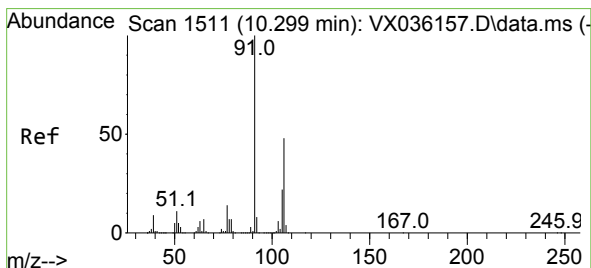
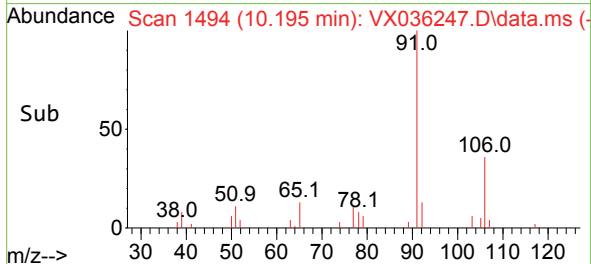
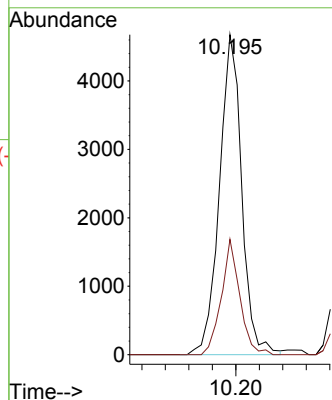
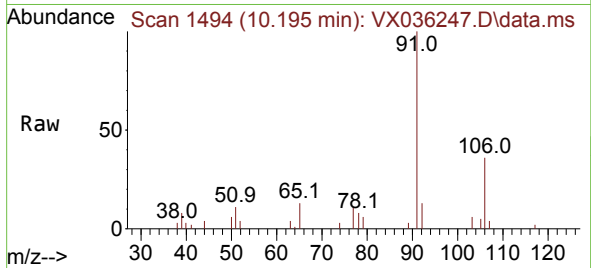




#67
Ethyl Benzene
Concen: 0.769 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

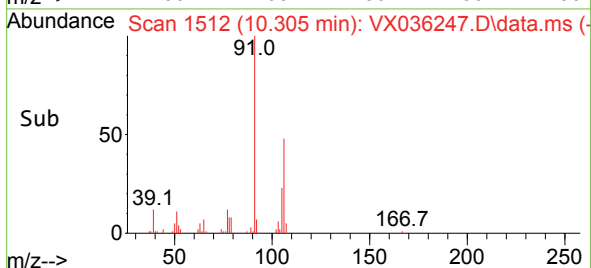
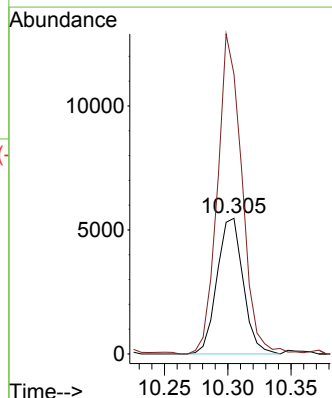
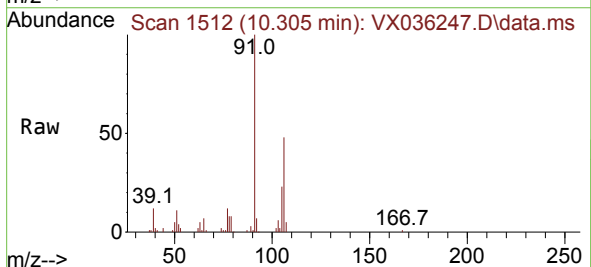
Instrument :
MSVOA_X
ClientSampleId :
MW-13

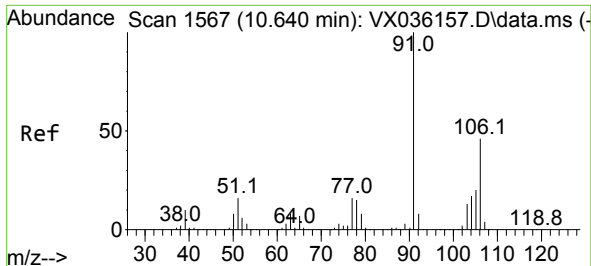
Tgt Ion: 91 Resp: 6164
Ion Ratio Lower Upper
91 100
106 36.0 24.9 37.3



#68
m/p-Xylenes
Concen: 2.588 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

Tgt Ion: 106 Resp: 7829
Ion Ratio Lower Upper
106 100
91 221.1 165.5 248.3

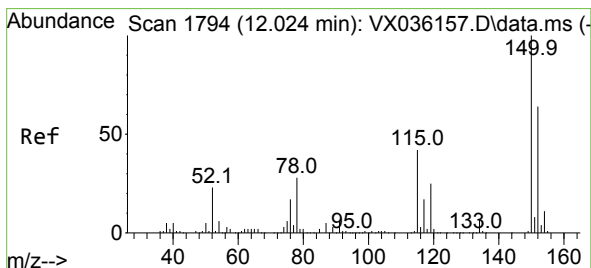
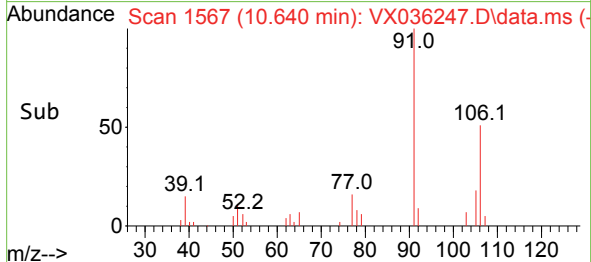
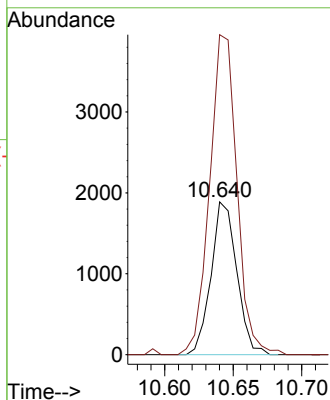
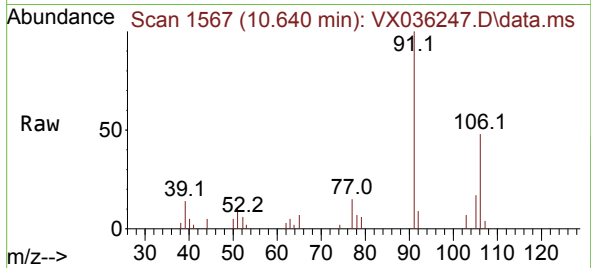




#69
o-Xylene
Concen: 0.826 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

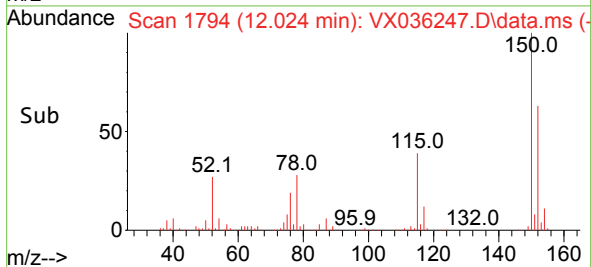
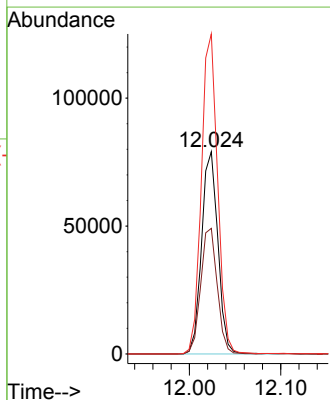
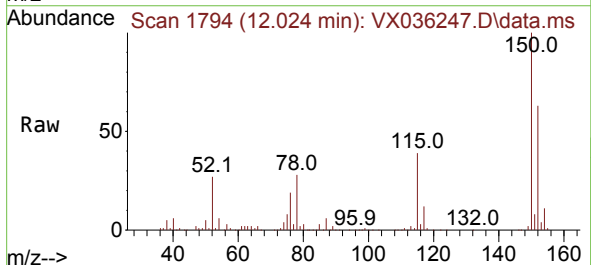
Instrument :
MSVOA_X
ClientSampleId :
MW-13

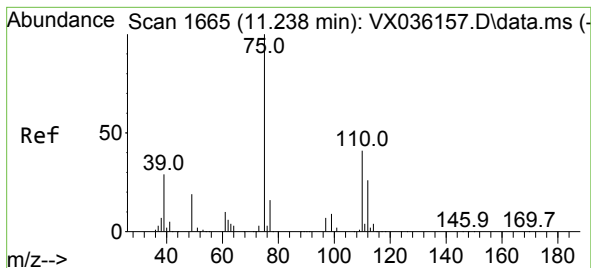
Tgt Ion:106 Resp: 2466
Ion Ratio Lower Upper
106 100
91 222.1 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

Tgt Ion:152 Resp: 97723
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 157.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 18.978 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX036247.D

Acq: 20 Jun 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

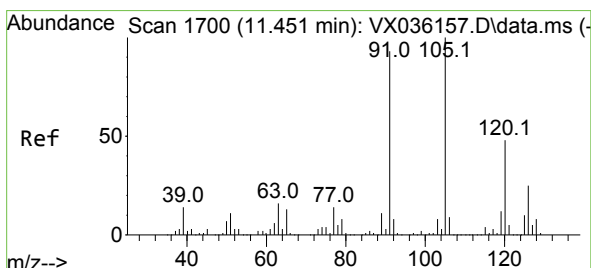
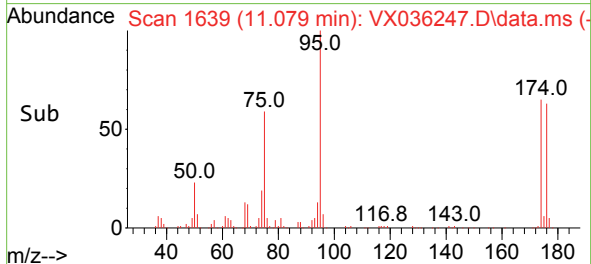
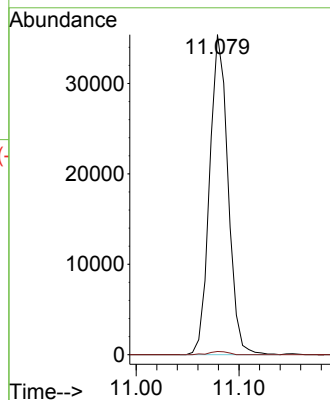
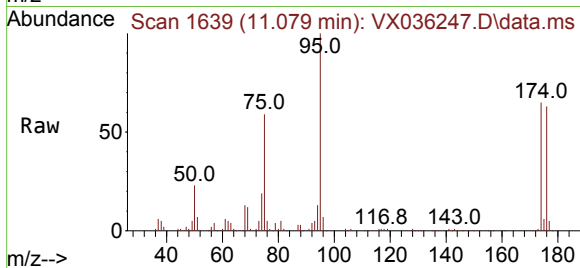
MW-13

Tgt Ion: 75 Resp: 44015

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.240 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX036247.D

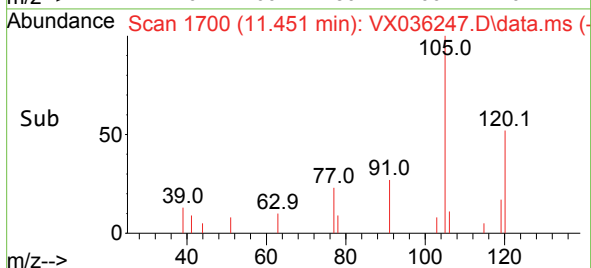
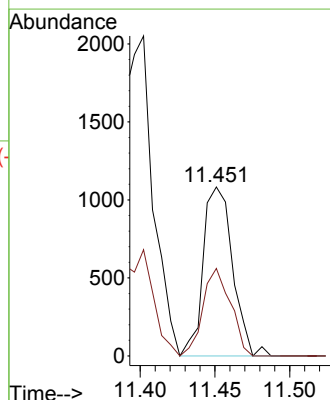
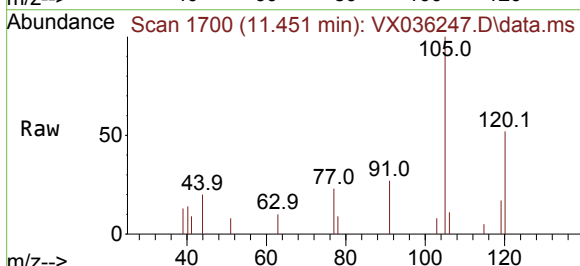
Acq: 20 Jun 2023 16:51

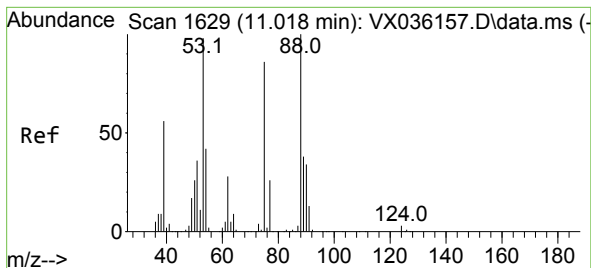
Tgt Ion: 105 Resp: 1484

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3

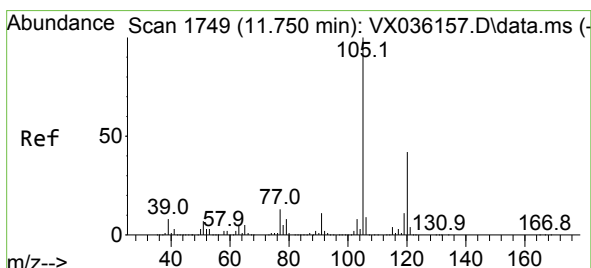
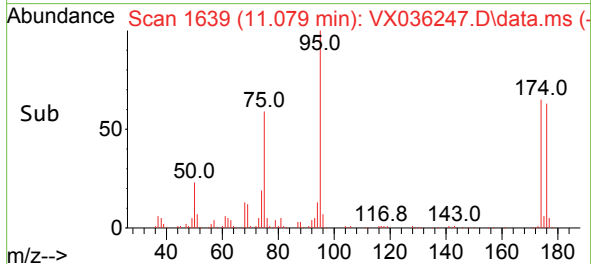
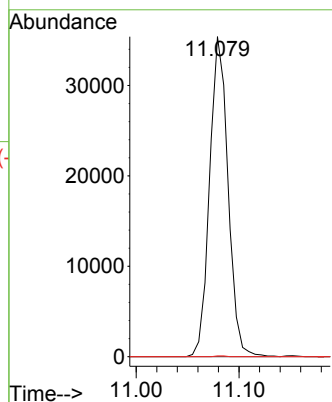
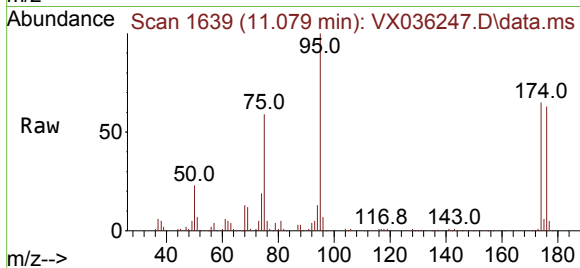




#81
trans-1,4-Dichloro-2-butene
Concen: 66.428 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

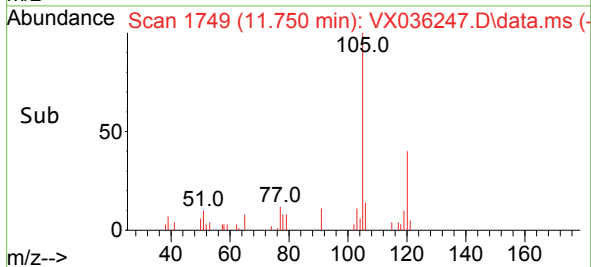
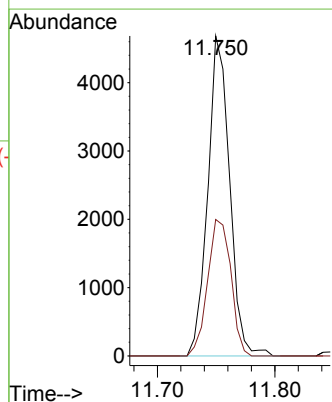
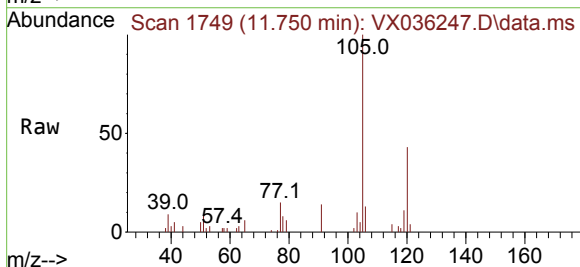
Instrument :
MSVOA_X
ClientSampleId :
MW-13

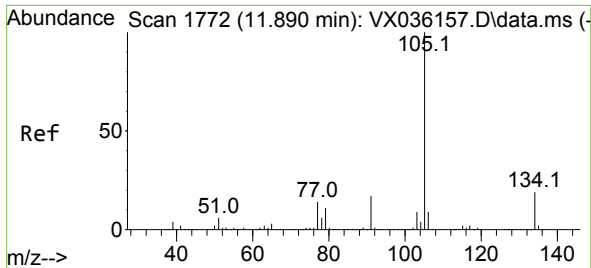
Tgt Ion: 75 Resp: 44015
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.981 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

Tgt Ion: 105 Resp: 6039
Ion Ratio Lower Upper
105 100
120 45.4 21.2 63.6

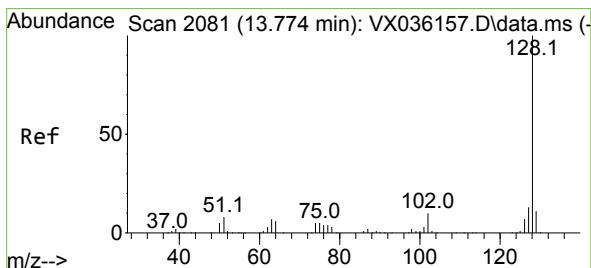
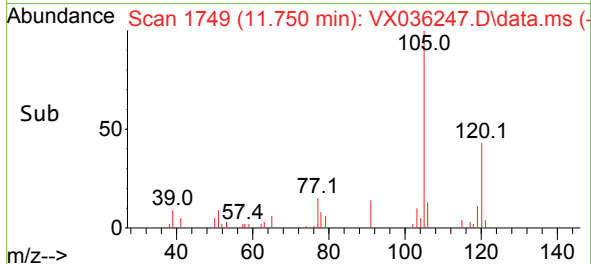
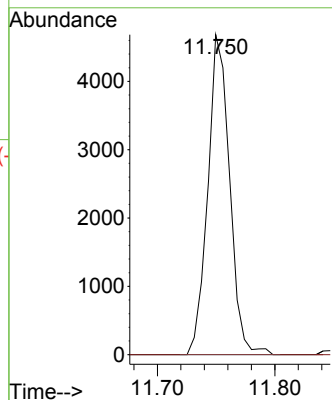
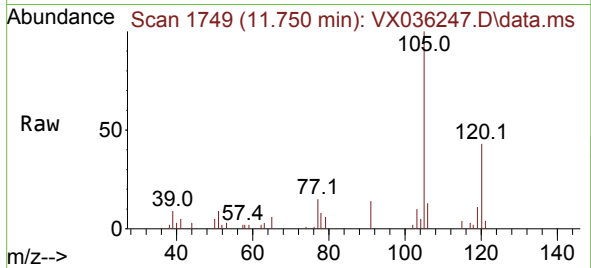




#85
sec-Butylbenzene
Concen: 0.826 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :
MW-13

Tgt Ion:105 Resp: 6039
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



#95
Naphthalene
Concen: 0.636 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

Tgt Ion:128 Resp: 3955
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 9.8 8.8 13.2

