

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)

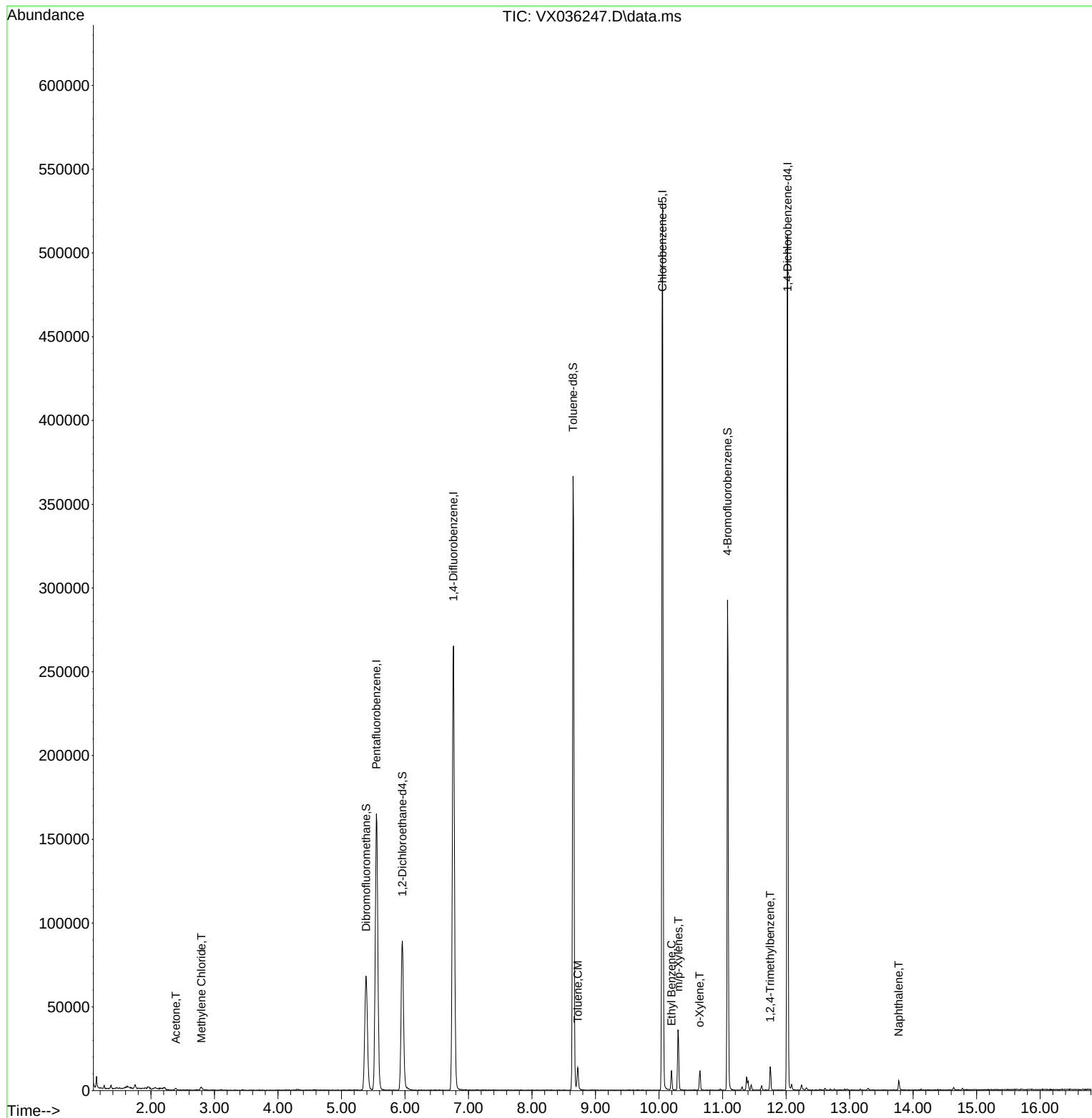
Internal Standards						
1) Pentafluorobenzene	5.550	168	140644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254588	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
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
84) 1,2,4-Trimethylbenzene	11.750	105	6039	0.981	ug/l	95
95) Naphthalene	13.774	128	3955	0.636	ug/l	98

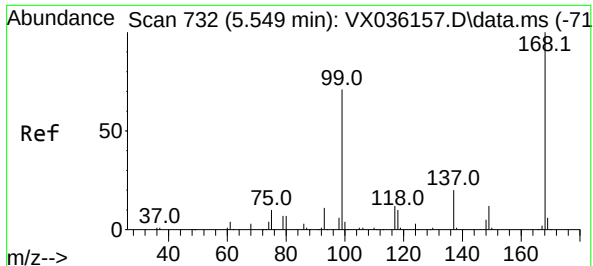
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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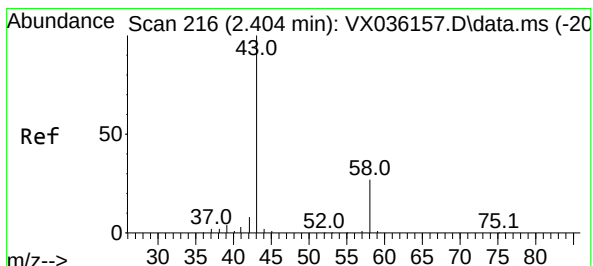
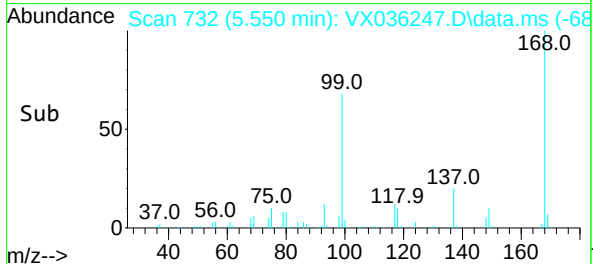
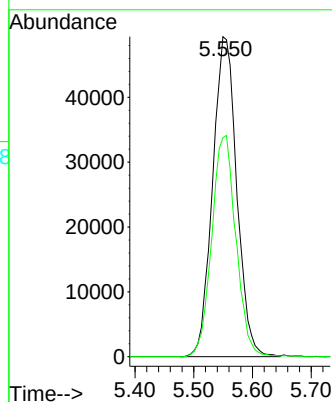
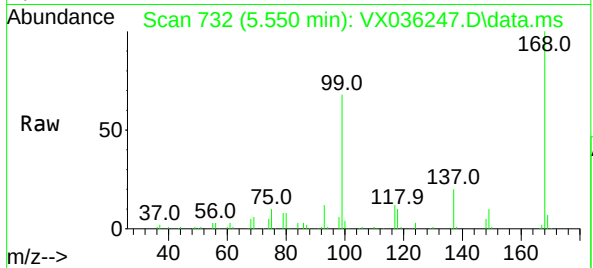




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

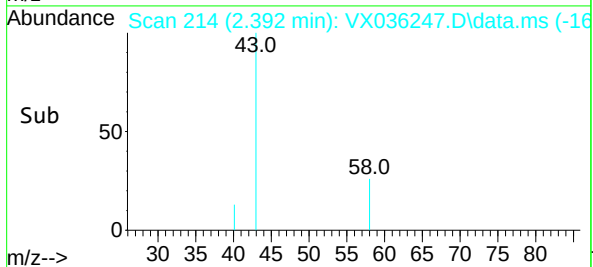
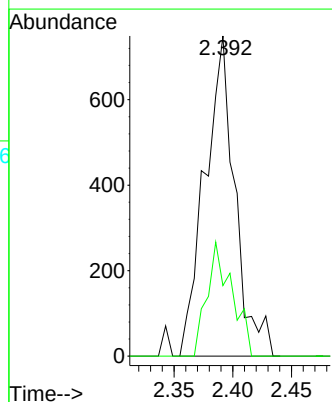
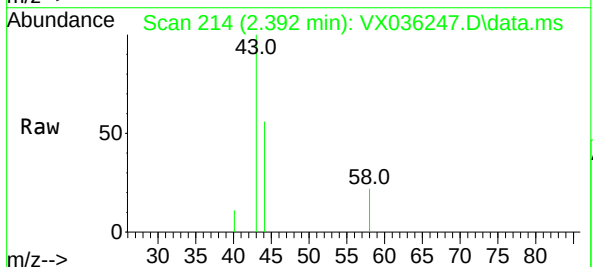
Instrument :
MSVOA_X
ClientSampleId :
MW-13

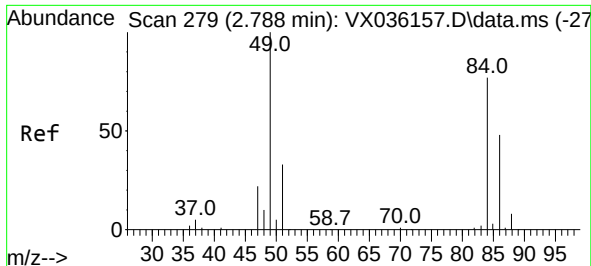
Tgt Ion:168 Resp: 140644
Ion Ratio Lower Upper
168 100
99 68.4 56.6 85.0



#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

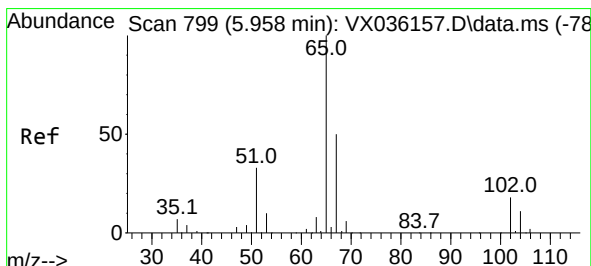
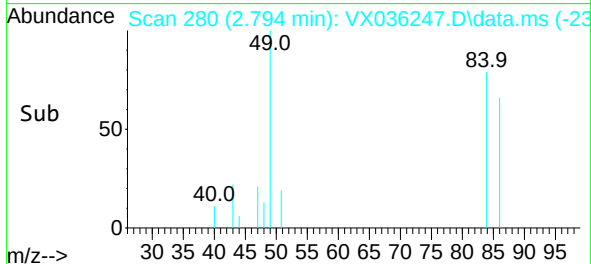
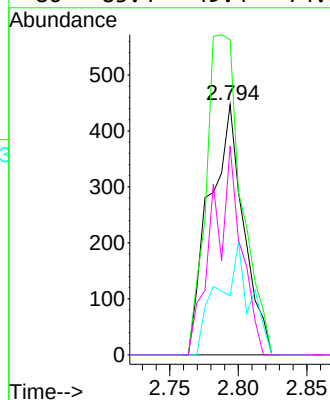
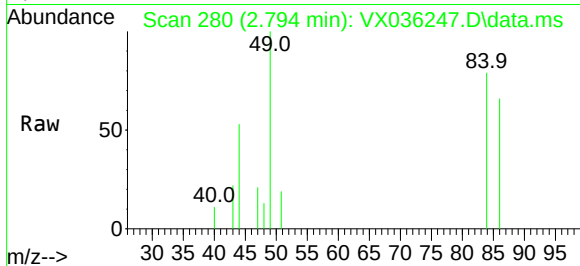




#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

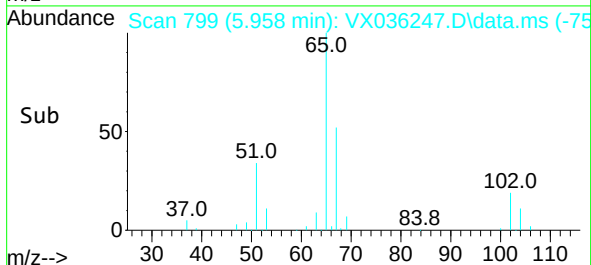
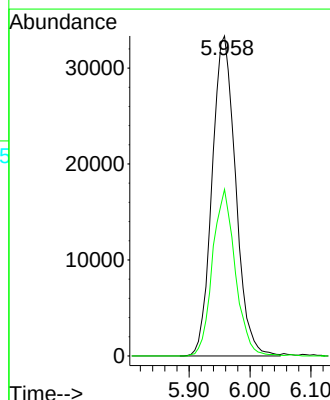
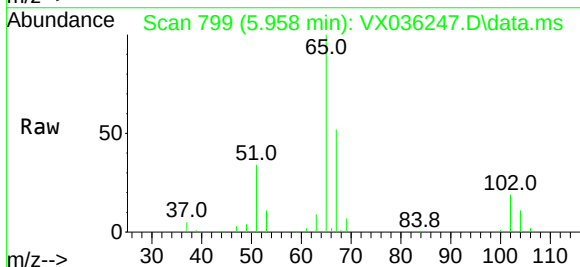
Instrument :
MSVOA_X
ClientSampleId :
MW-13

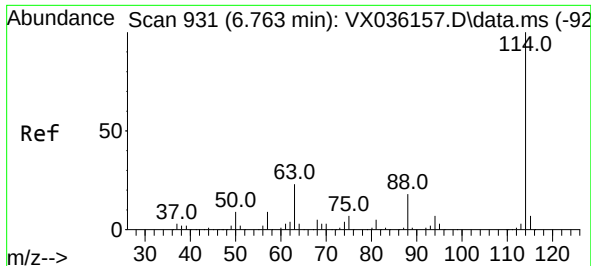
Tgt Ion: 84 Resp: 771
Ion Ratio Lower Upper
84 100
49 126.0 103.6 155.4
51 23.5 33.8 50.6#
86 83.4 49.4 74.0#



#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

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

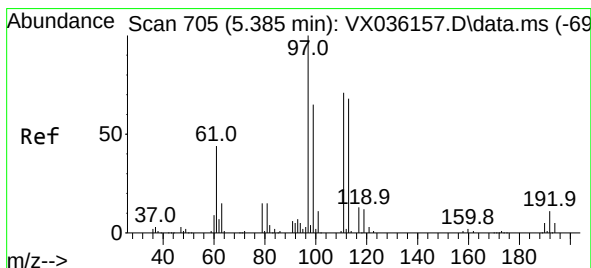
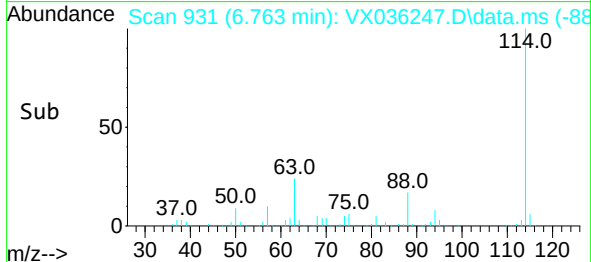
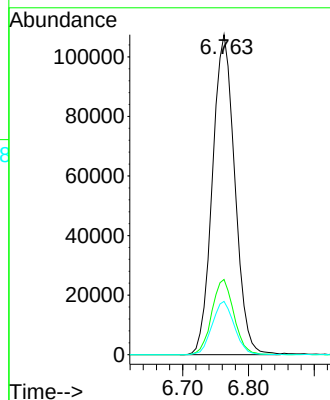
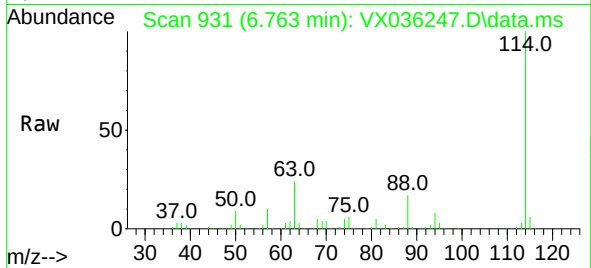




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

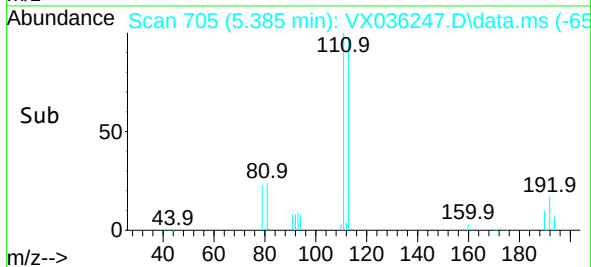
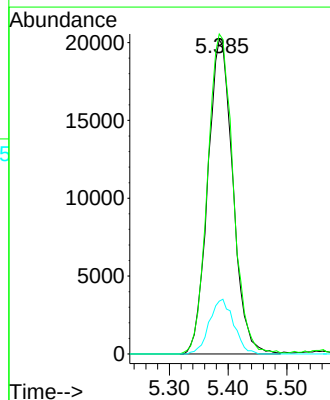
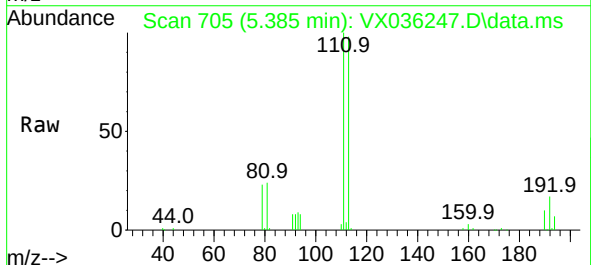
Instrument :
MSVOA_X
ClientSampleId :
MW-13

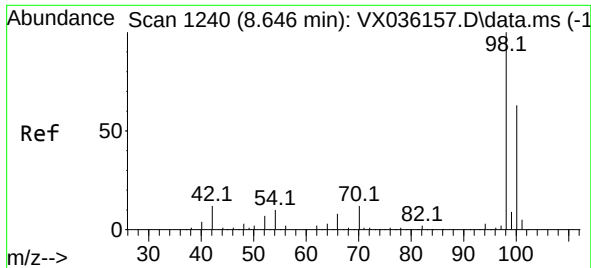
Tgt Ion:114 Resp: 254588
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 16.6 0.0 36.6



#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

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

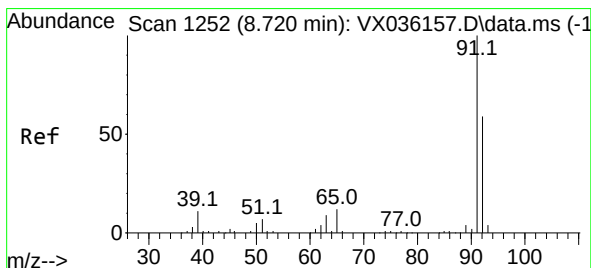
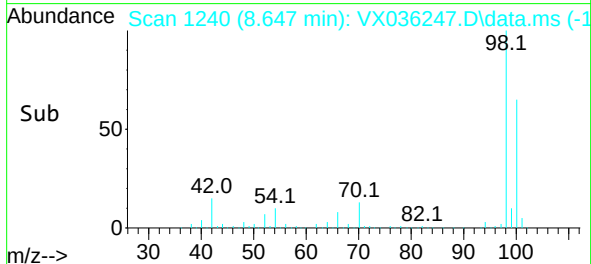
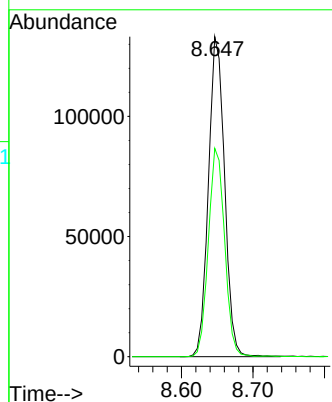
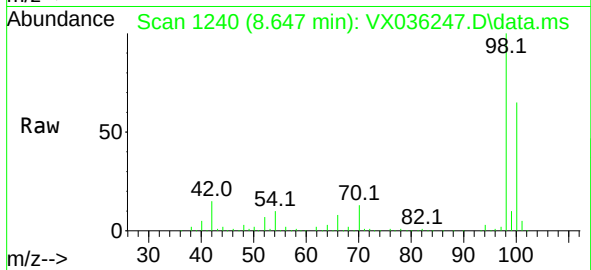




#50
Toluene-d8
Concen: 33.105 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

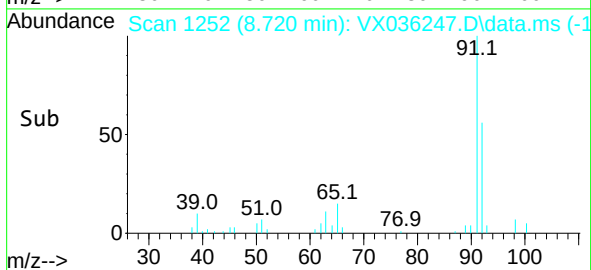
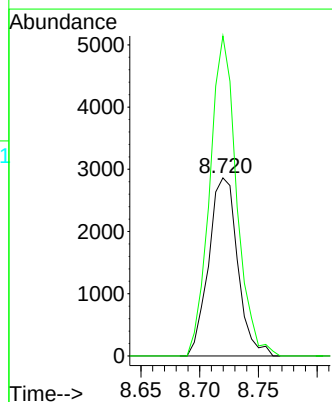
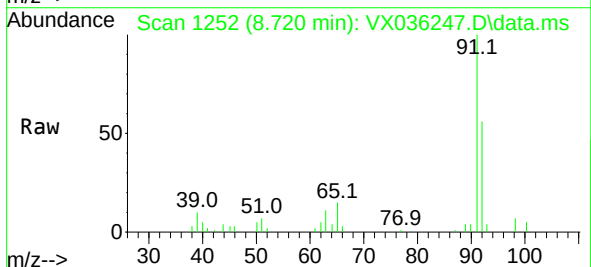
Instrument :
MSVOA_X
ClientSampleId :
MW-13

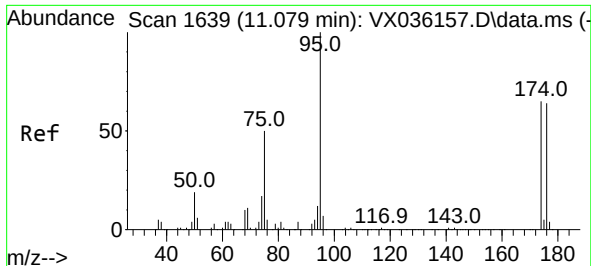
Tgt Ion: 98 Resp: 209058
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#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

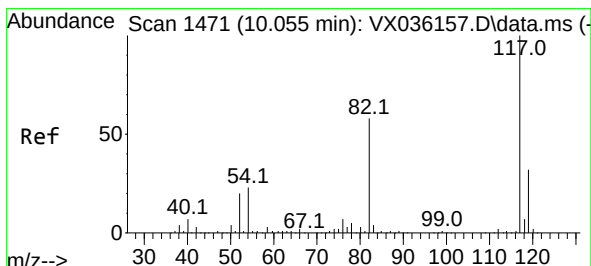
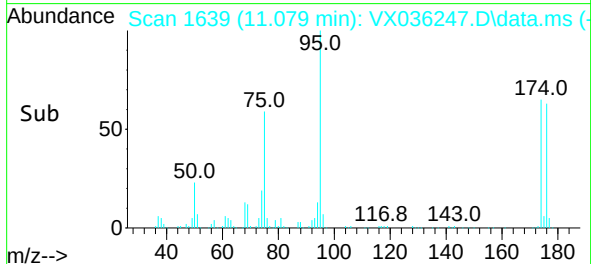
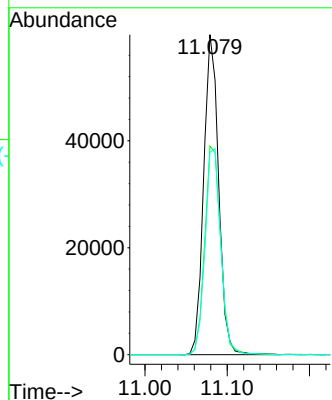
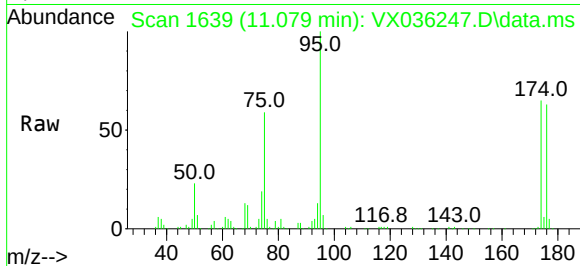




#62
4-Bromofluorobenzene
Concen: 29.601 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

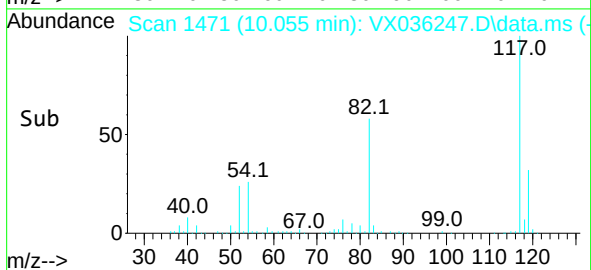
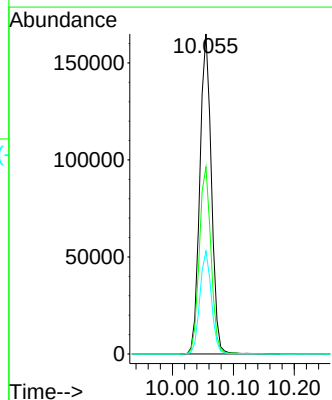
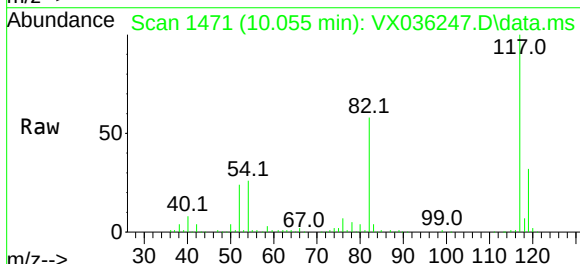
Instrument :
MSVOA_X
ClientSampleId :
MW-13

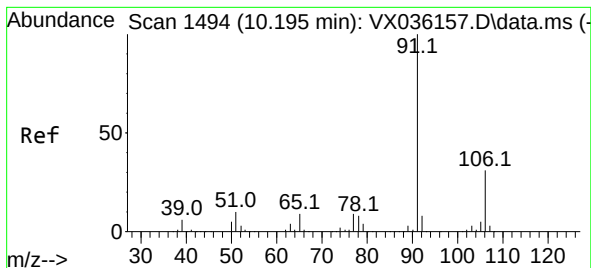
Tgt Ion: 95 Resp: 75456
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.6
176 68.0 0.0 131.0



#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 :

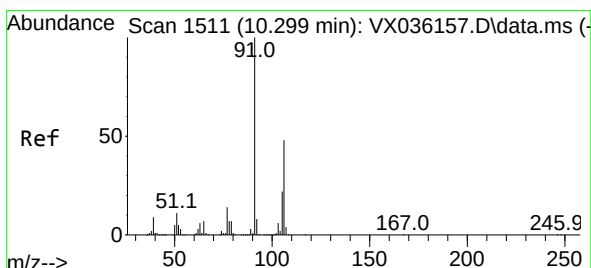
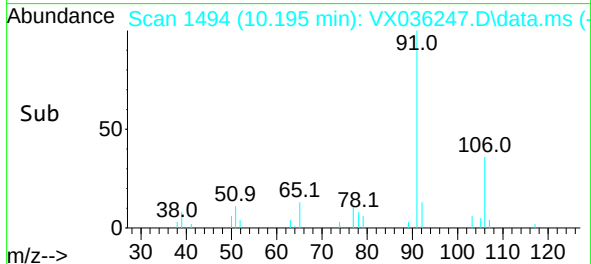
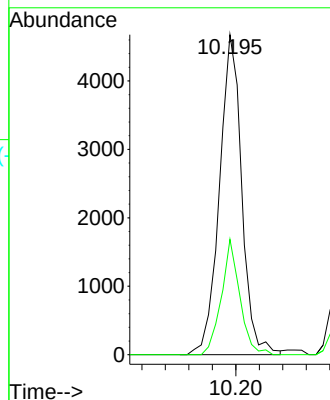
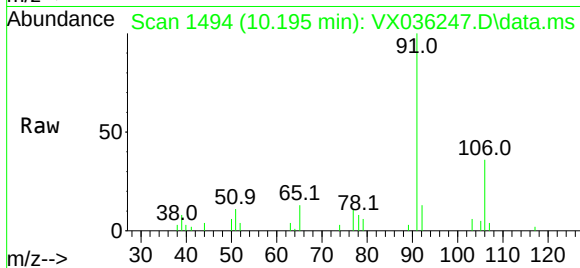
MW-13

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

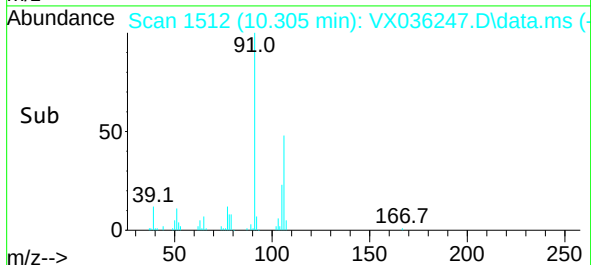
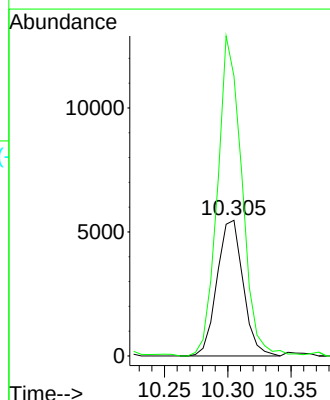
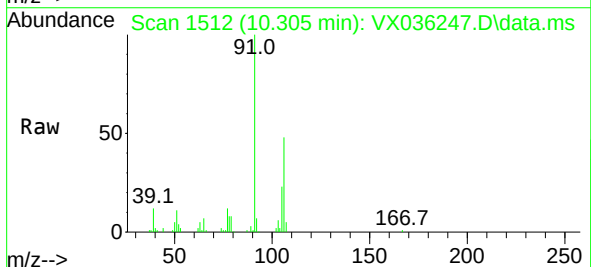
Acq: 20 Jun 2023 16:51

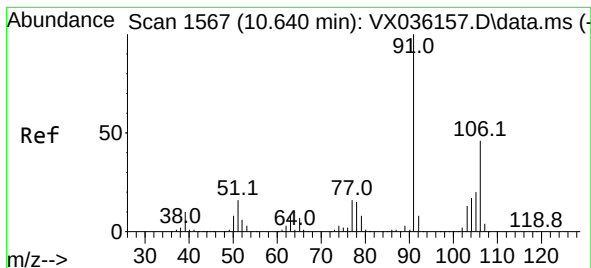
Tgt Ion: 106 Resp: 7829

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 :

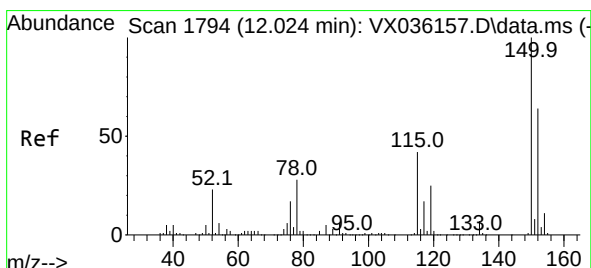
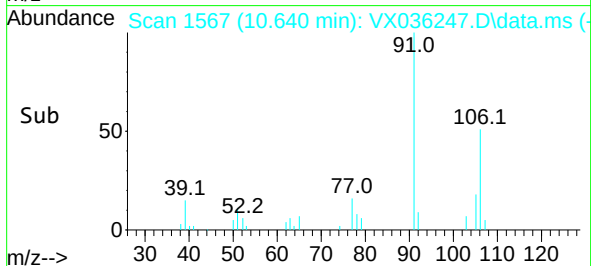
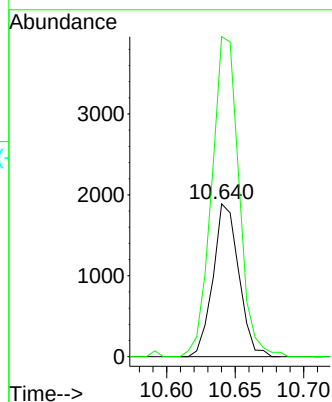
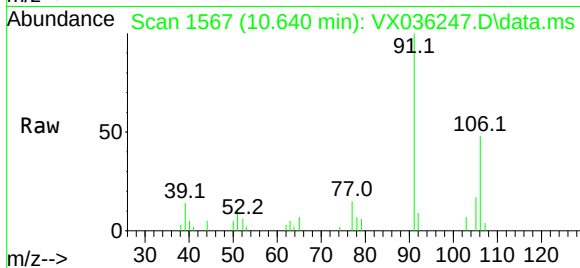
MW-13

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

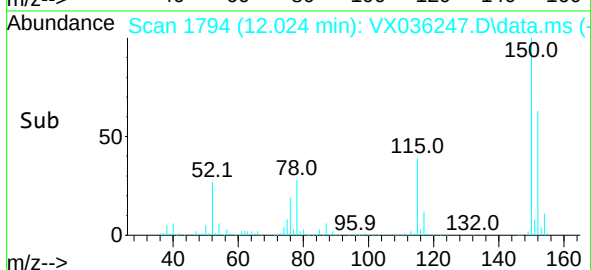
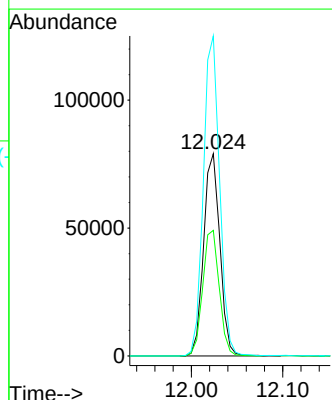
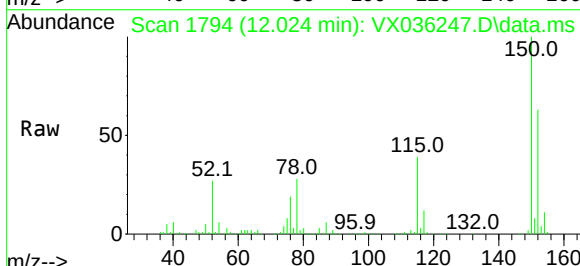
Tgt Ion:152 Resp: 97723

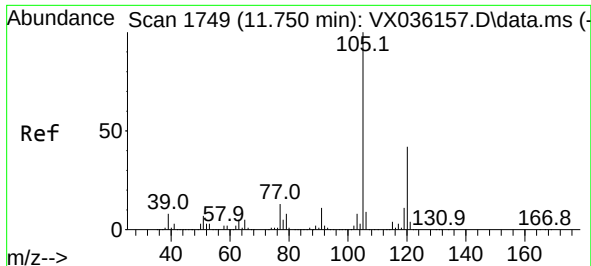
Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 157.6 0.0 345.0

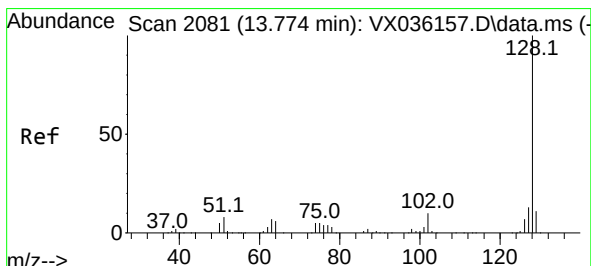
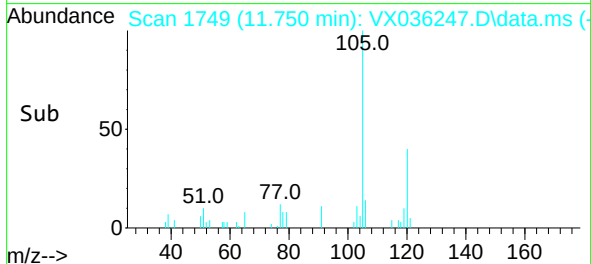
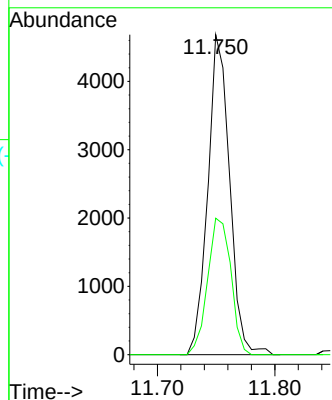
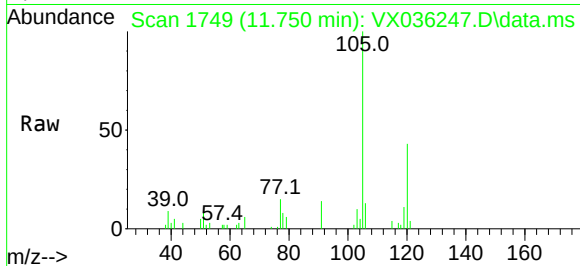




#84
1,2,4-Trimethylbenzene
Concen: 0.981 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036247.D
Acq: 20 Jun 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :
MW-13

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



#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

