

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036248.D
 Acq On : 20 Jun 2023 17:15
 Operator : JC/MD
 Sample : 03339-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Jun 21 02:52:25 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)

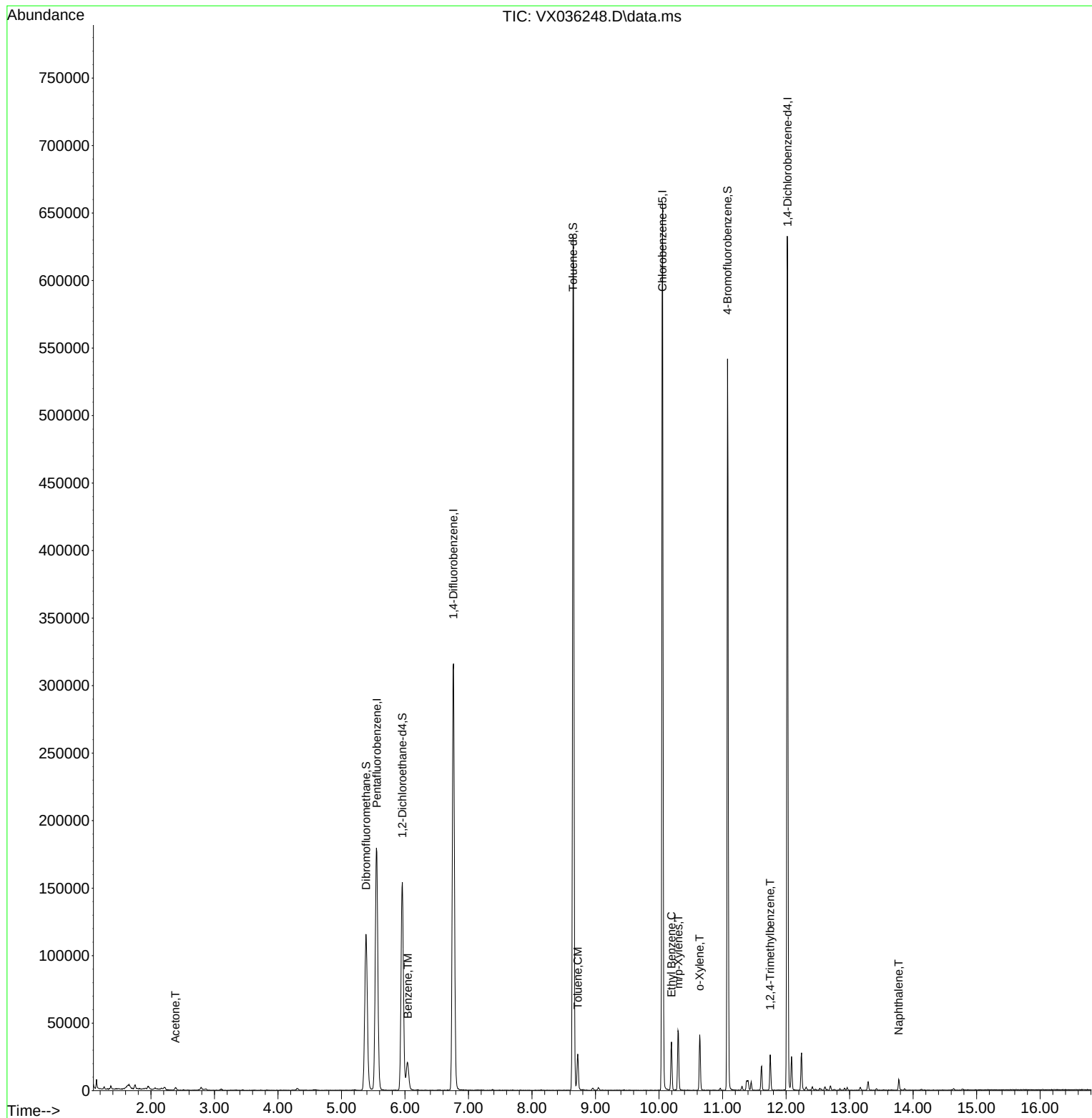
Internal Standards						
1) Pentafluorobenzene	5.556	168	157826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	304299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151244	52.439	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.880%		
35) Dibromofluoromethane	5.385	113	99255	48.100	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.200%		
50) Toluene-d8	8.647	98	361356	47.874	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.740%		
62) 4-Bromofluorobenzene	11.079	95	139005	45.622	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.240%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	2570	2.145	ug/l #	86
40) Benzene	6.043	78	23435	2.742	ug/l	94
52) Toluene	8.720	92	9630	1.799	ug/l	98
67) Ethyl Benzene	10.195	91	20347	2.063	ug/l	96
68) m/p-Xylenes	10.305	106	10283	2.764	ug/l	100
69) o-Xylene	10.640	106	8798	2.397	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	10714	1.432	ug/l	96
95) Naphthalene	13.774	128	5420	0.718	ug/l #	95

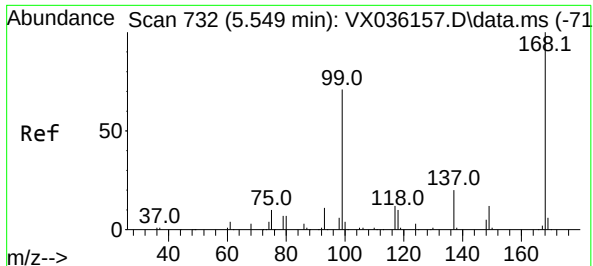
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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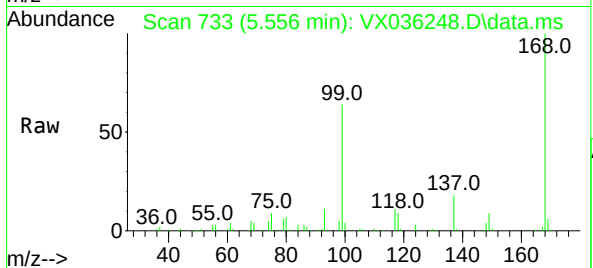
Quant Time: Jun 21 02:52:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration



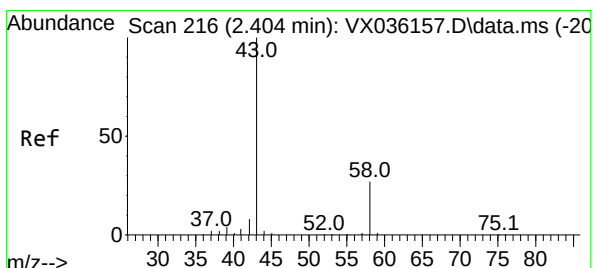
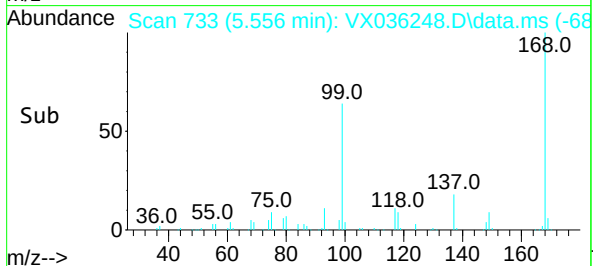
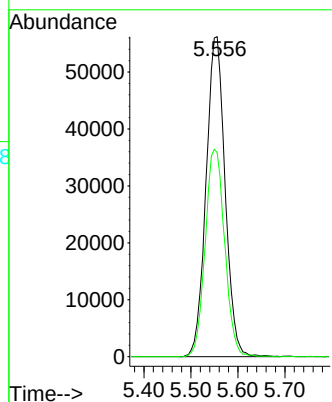


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-12

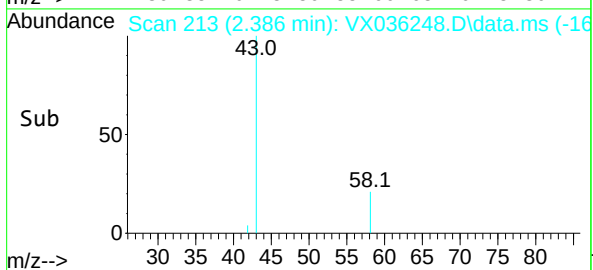
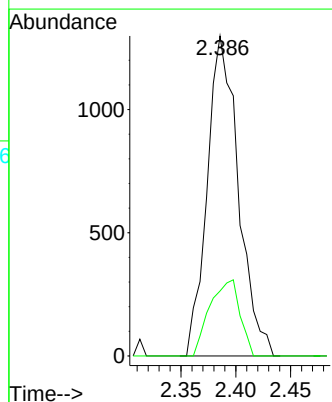
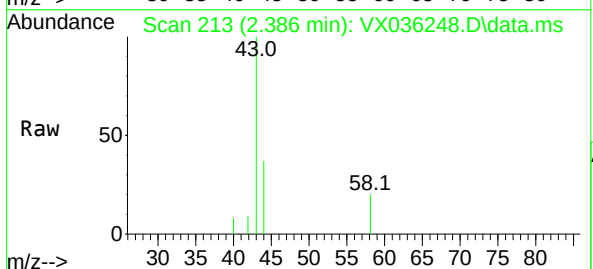


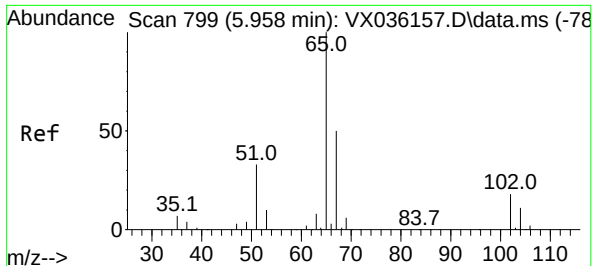
Tgt Ion:168 Resp: 157826
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#16
Acetone
Concen: 2.145 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 43 Resp: 2570
Ion Ratio Lower Upper
43 100
58 20.3 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 52.439 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036248.D

Acq: 20 Jun 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

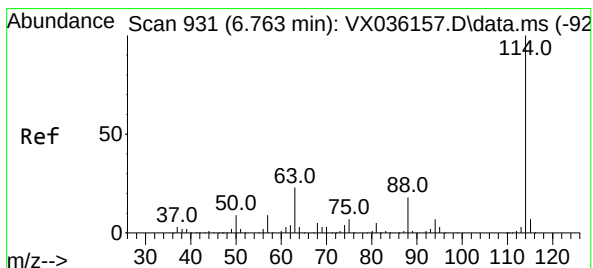
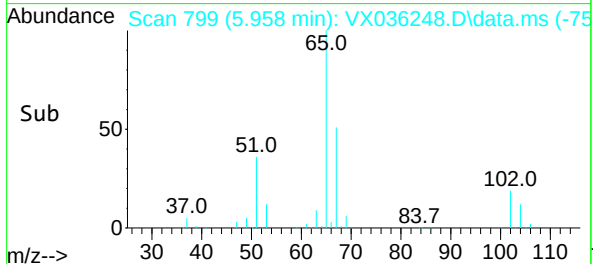
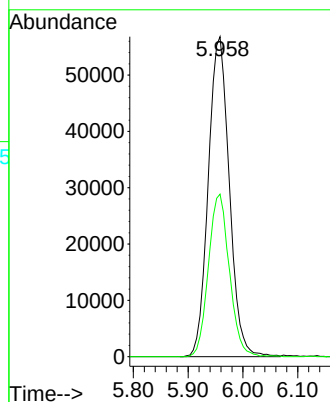
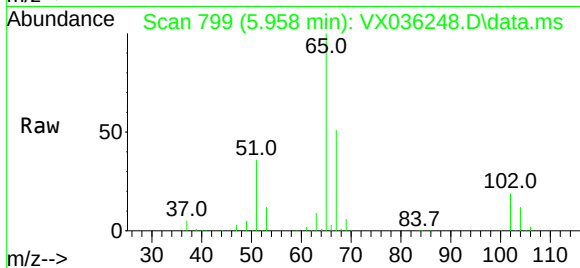
MW-12

Tgt Ion: 65 Resp: 151244

Ion Ratio Lower Upper

65 100

67 50.7 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: VX036248.D

Acq: 20 Jun 2023 17:15

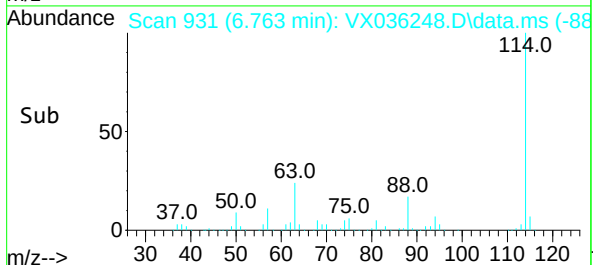
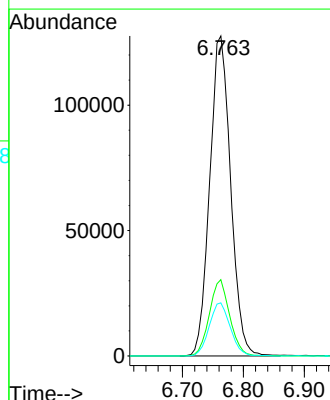
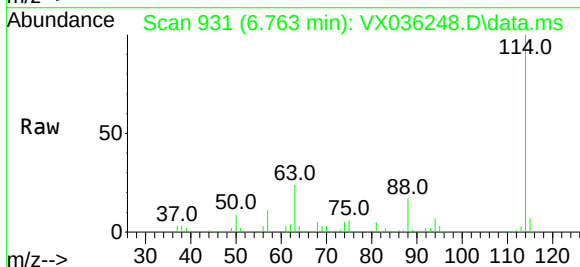
Tgt Ion: 114 Resp: 304299

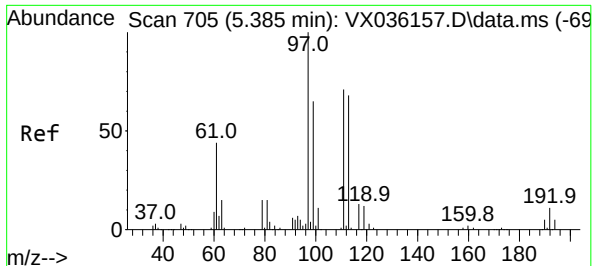
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.100 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036248.D

Acq: 20 Jun 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

MW-12

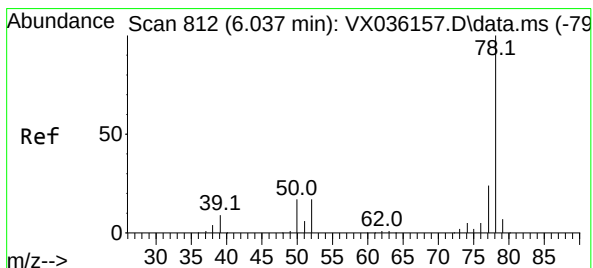
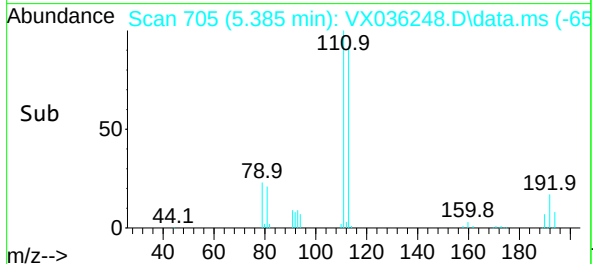
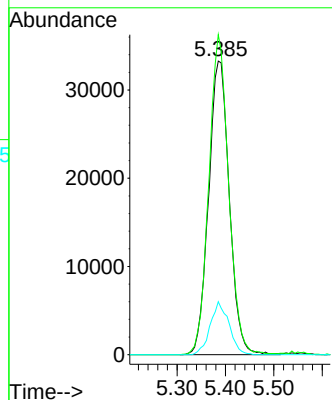
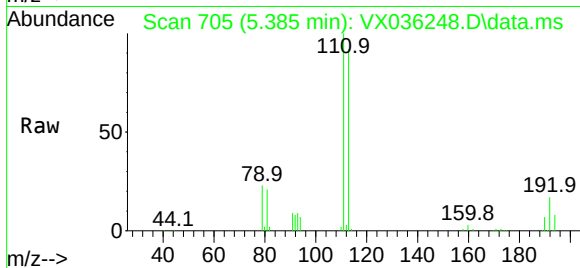
Tgt Ion:113 Resp: 99255

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

192 16.4 13.3 19.9



#40

Benzene

Concen: 2.742 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX036248.D

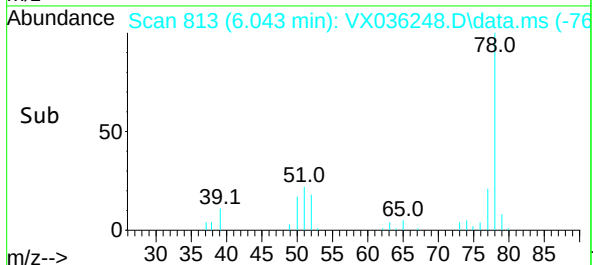
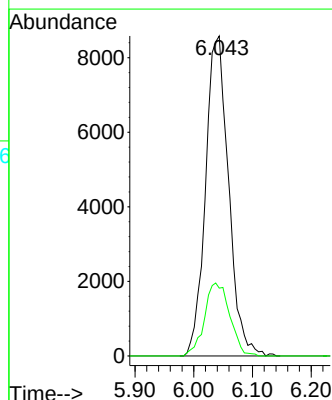
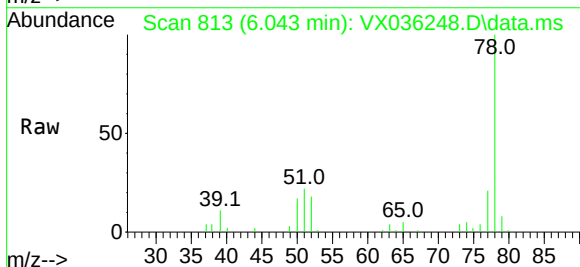
Acq: 20 Jun 2023 17:15

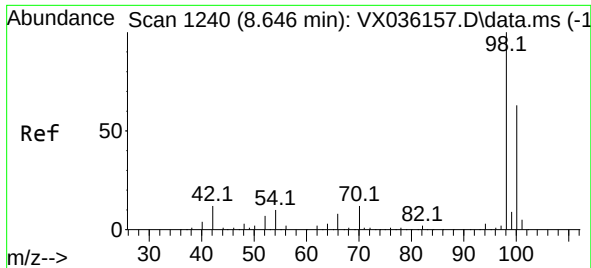
Tgt Ion: 78 Resp: 23435

Ion Ratio Lower Upper

78 100

77 21.2 19.3 28.9

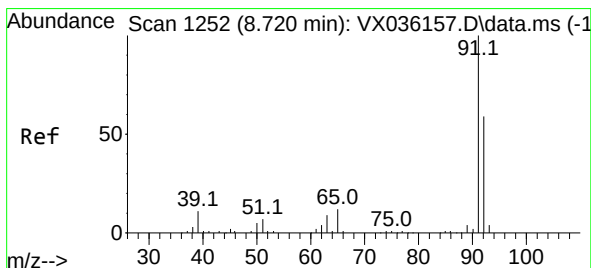
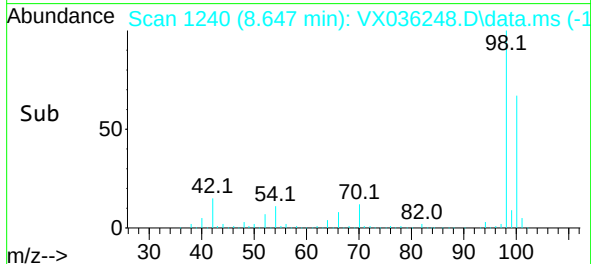
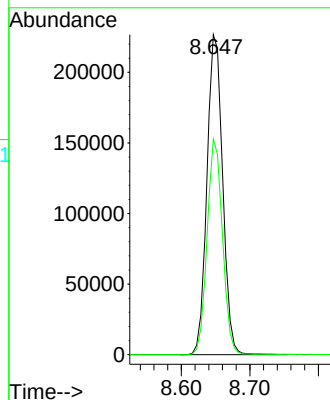
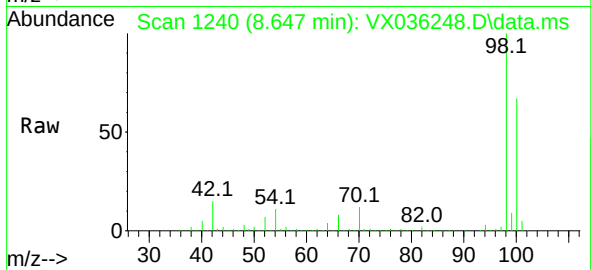




#50
Toluene-d8
Concen: 47.874 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

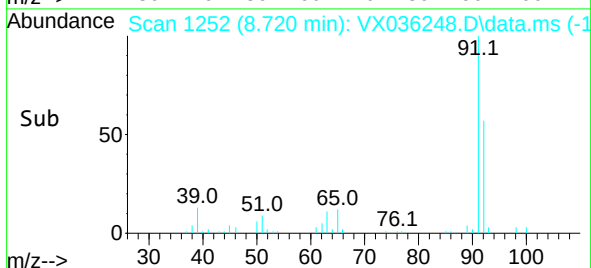
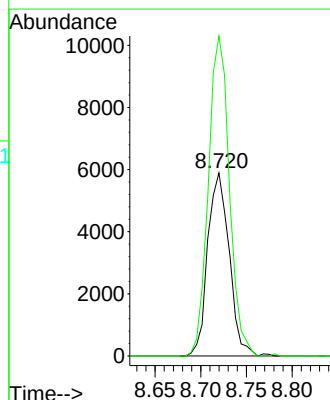
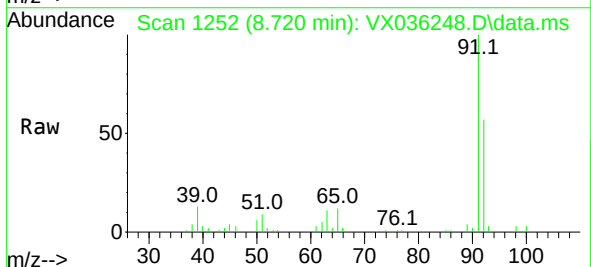
Instrument :
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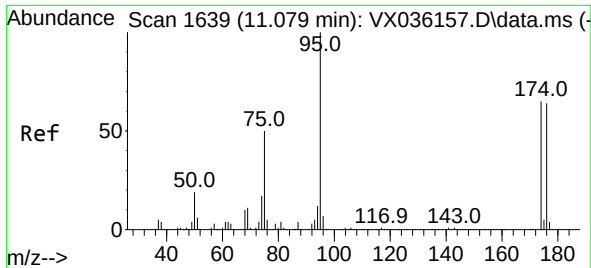
Tgt Ion: 98 Resp: 361356
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#52
Toluene
Concen: 1.799 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 92 Resp: 9630
Ion Ratio Lower Upper
92 100
91 170.9 134.2 201.2

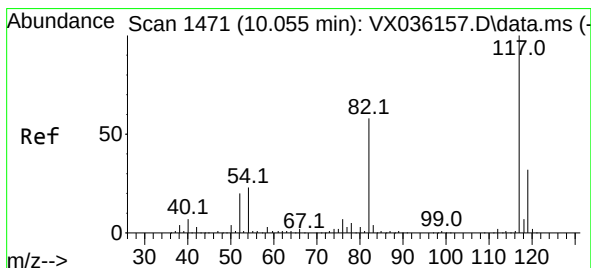
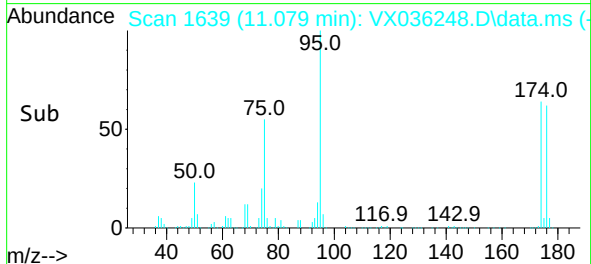
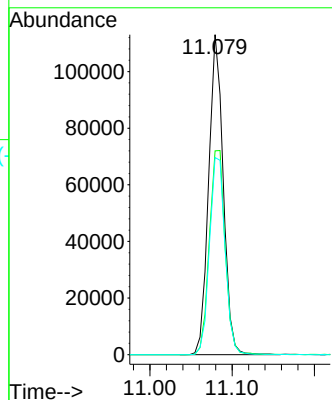
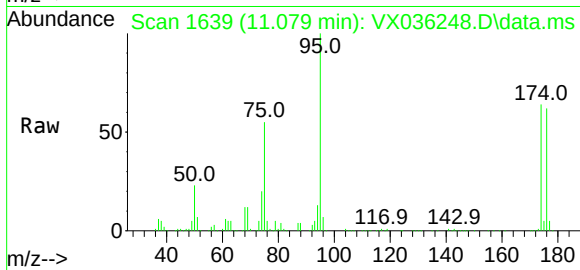




#62
4-Bromofluorobenzene
Concen: 45.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

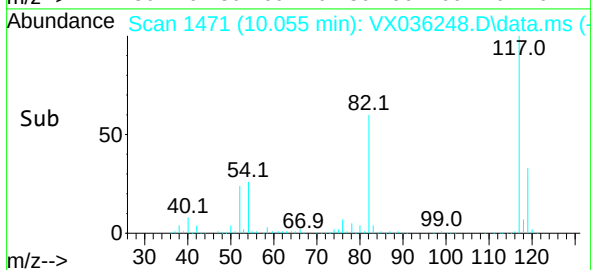
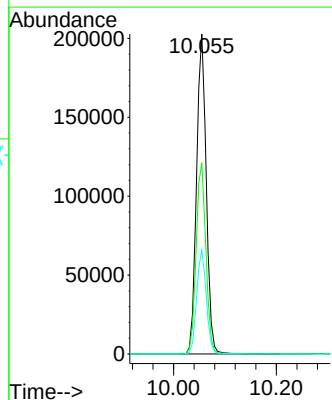
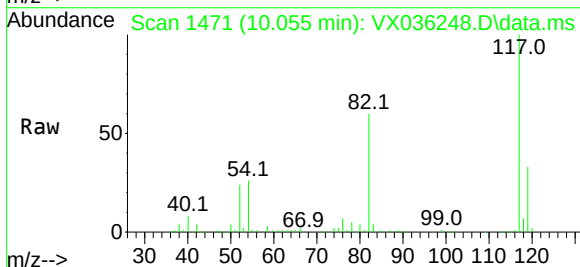
Instrument :
MSVOA_X
ClientSampleId :
MW-12

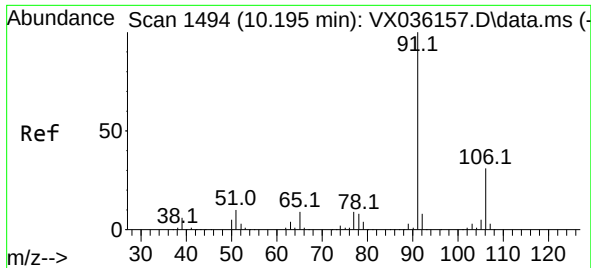
Tgt Ion: 95 Resp: 139005
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.6
176 66.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 117 Resp: 266449
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 32.6 25.5 38.3

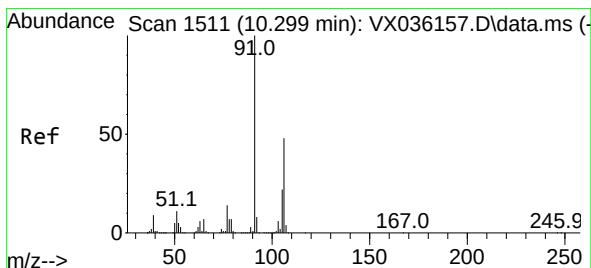
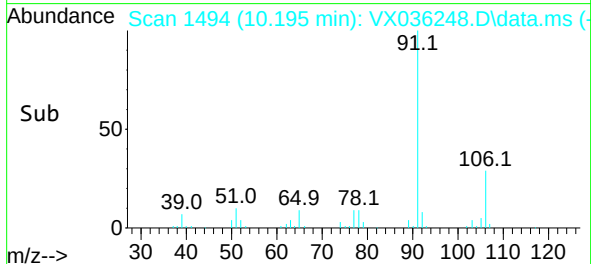
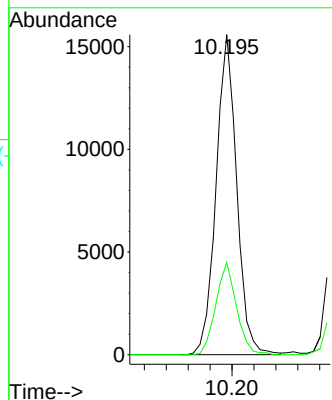
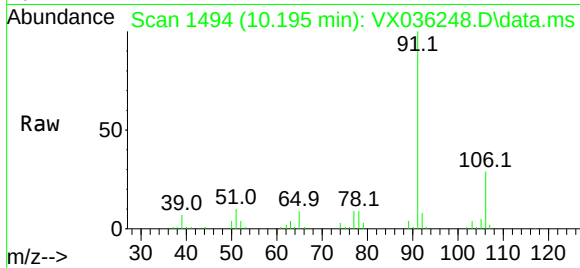




#67
Ethyl Benzene
Concen: 2.063 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

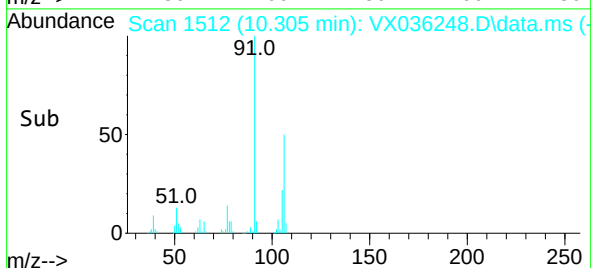
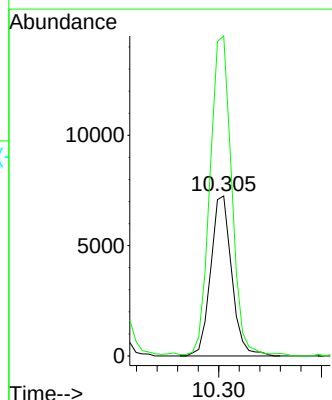
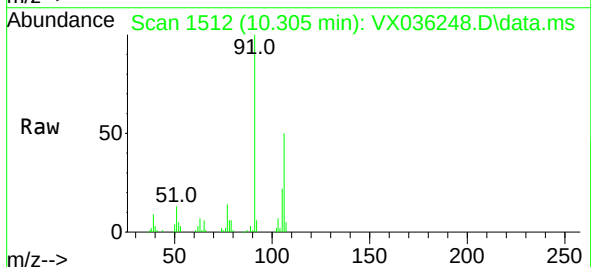
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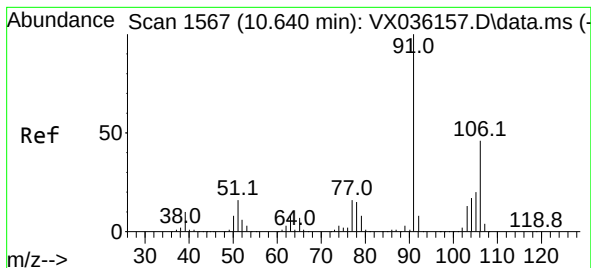
Tgt Ion: 91 Resp: 20347
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3



#68
m/p-Xylenes
Concen: 2.764 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion: 106 Resp: 10283
Ion Ratio Lower Upper
106 100
91 207.3 165.5 248.3





#69

o-Xylene

Concen: 2.397 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036248.D

Acq: 20 Jun 2023 17:15

Instrument :

MSVOA_X

ClientSampleId :

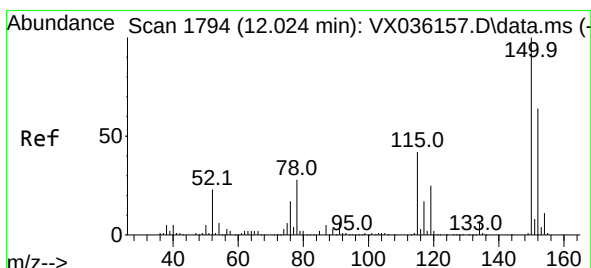
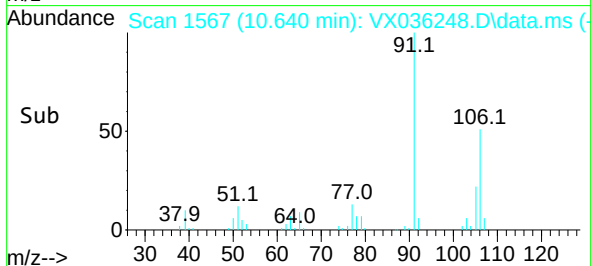
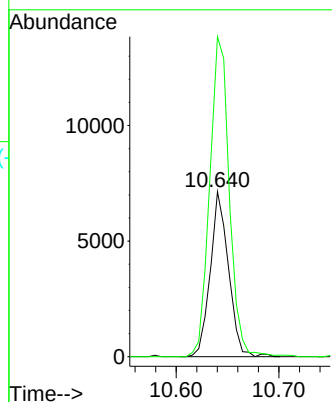
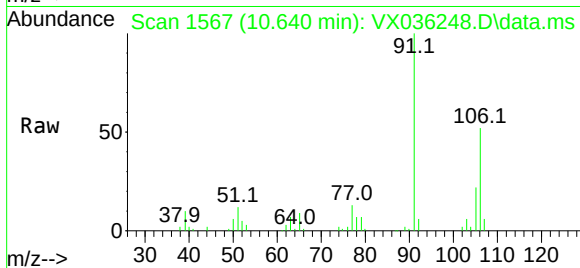
MW-12

Tgt Ion:106 Resp: 8798

Ion Ratio Lower Upper

106 100

91 208.8 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036248.D

Acq: 20 Jun 2023 17:15

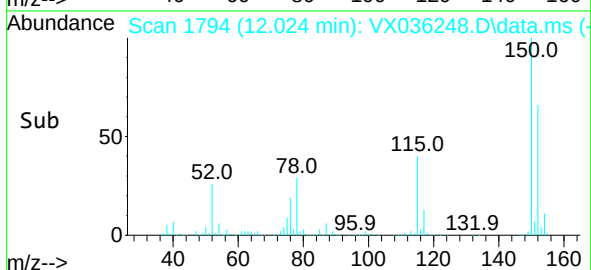
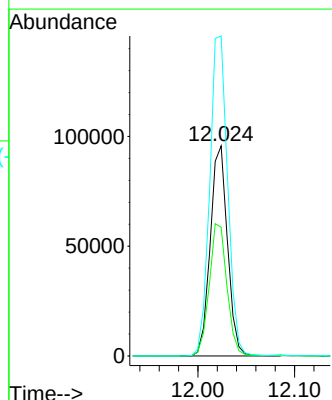
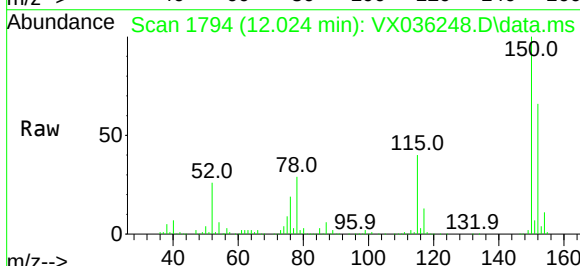
Tgt Ion:152 Resp: 118686

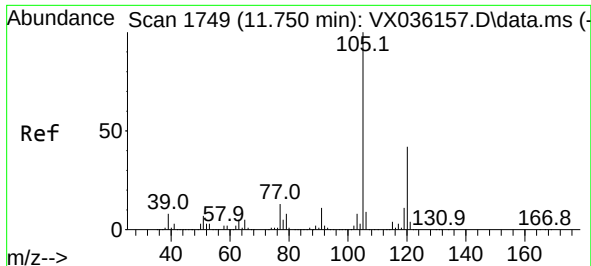
Ion Ratio Lower Upper

152 100

115 64.6 43.3 129.9

150 158.9 0.0 345.0

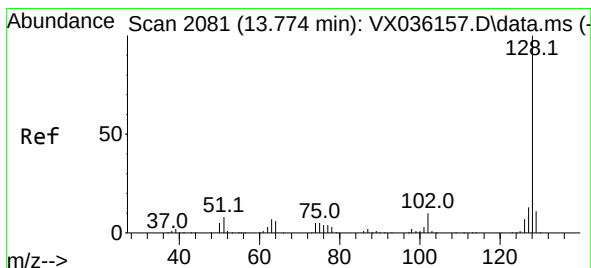
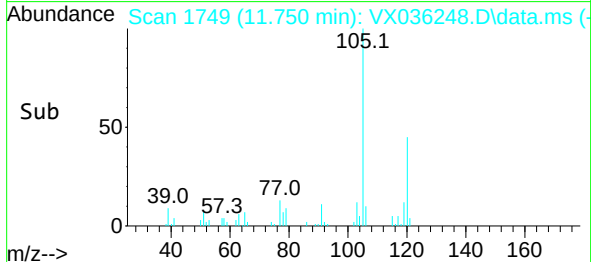
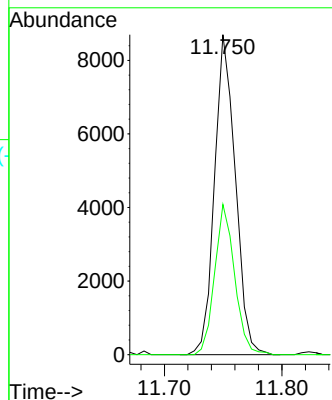
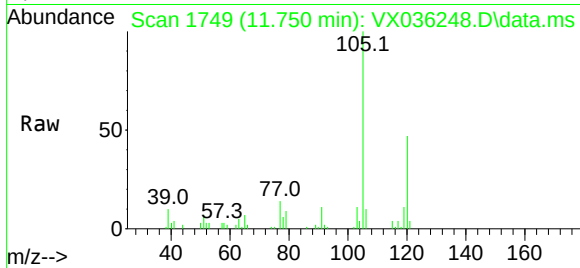




#84
1,2,4-Trimethylbenzene
Concen: 1.432 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion:105 Resp: 10714
Ion Ratio Lower Upper
105 100
120 45.1 21.2 63.6



#95
Naphthalene
Concen: 0.718 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036248.D
Acq: 20 Jun 2023 17:15

Tgt Ion:128 Resp: 5420
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 8.5 8.8 13.2#

