

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036191.D
 Acq On : 16 Jun 2023 19:11
 Operator : JC/MD
 Sample : 03251-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02

Quant Time: Jun 19 01:45:29 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)

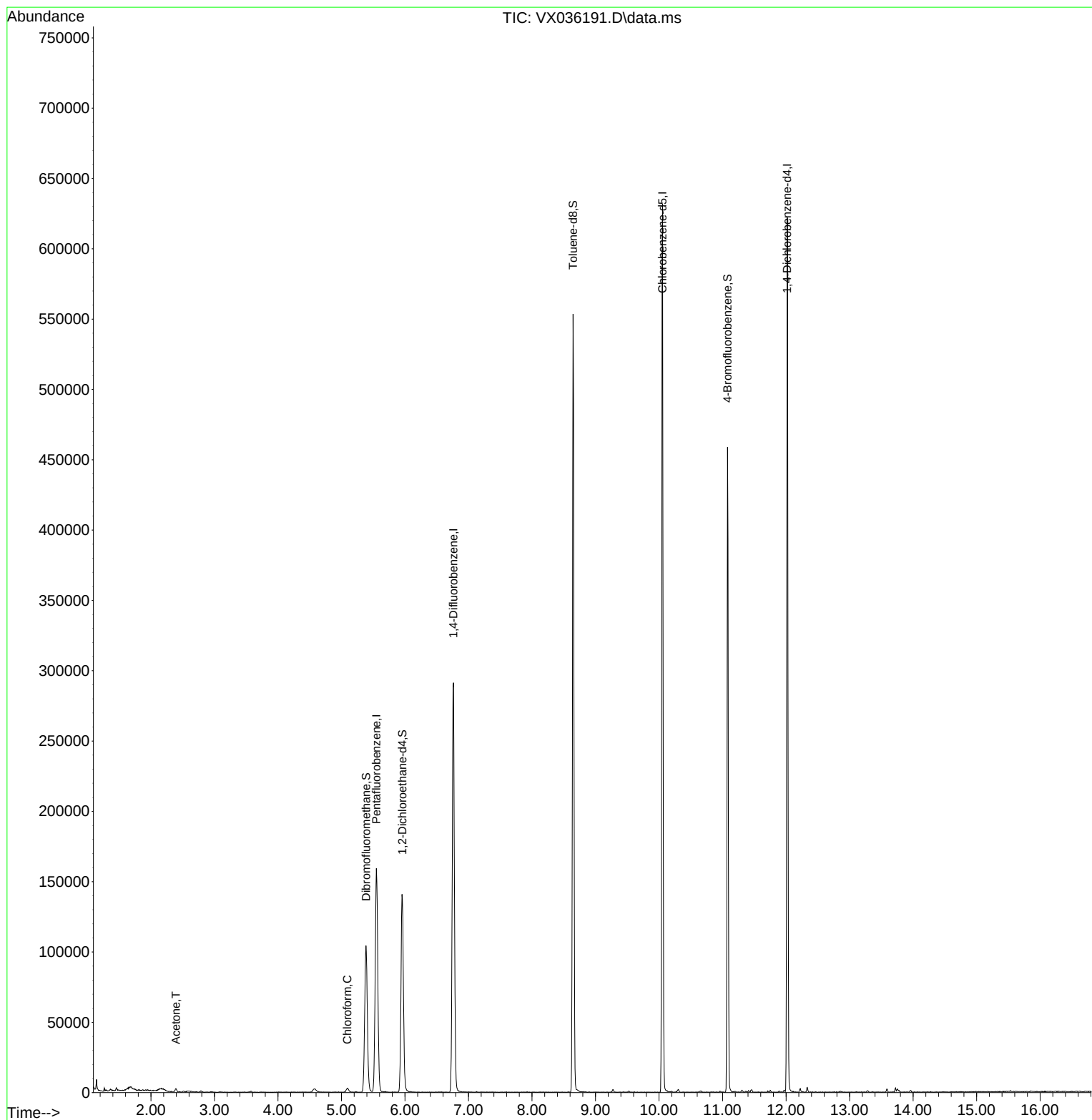
Internal Standards						
1) Pentafluorobenzene	5.550	168	133899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	280485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143631	58.699	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.400%#
35) Dibromofluoromethane	5.385	113	91114	47.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.800%
50) Toluene-d8	8.647	98	313952	45.125	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.240%#
62) 4-Bromofluorobenzene	11.079	95	124187	44.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.440%
Target Compounds						
16) Acetone	2.392	43	3109	3.058	ug/l #	86
30) Chloroform	5.092	83	3312	0.978	ug/l	95

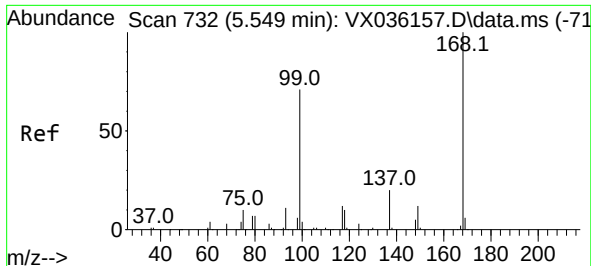
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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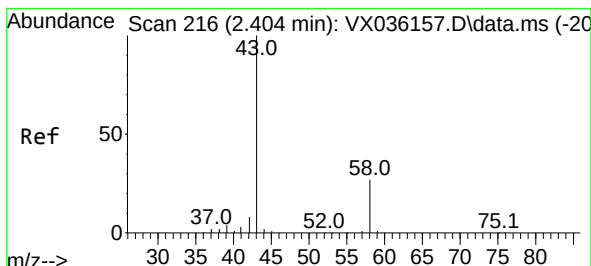
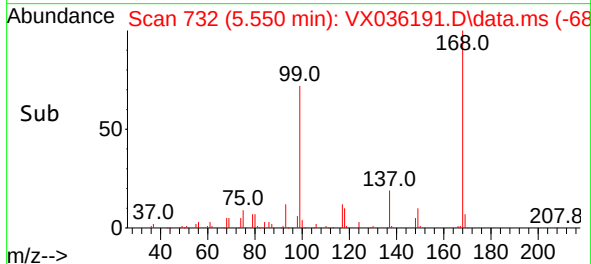
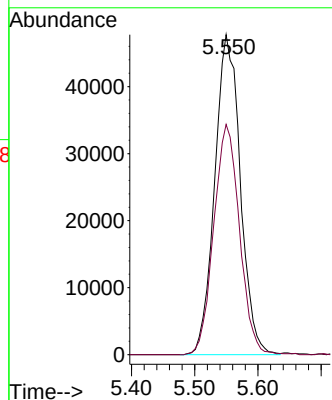
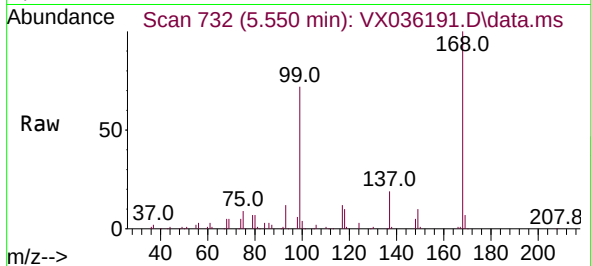




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036191.D
Acq: 16 Jun 2023 19:11

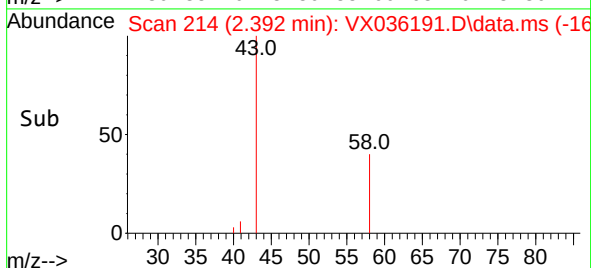
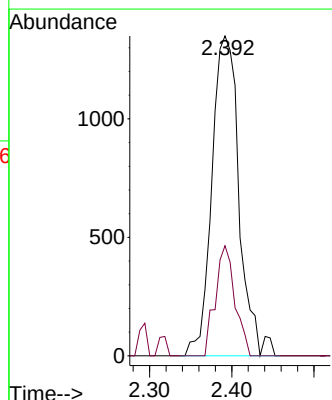
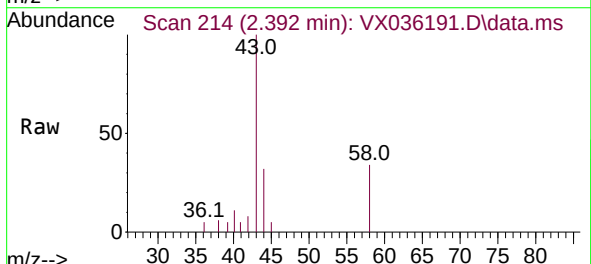
Instrument :
MSVOA_X
ClientSampleId :
MW-02

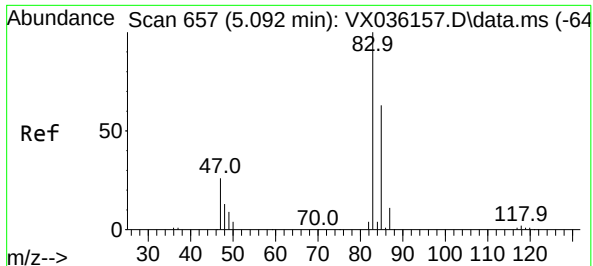
Tgt Ion:168 Resp: 133899
Ion Ratio Lower Upper
168 100
99 71.9 56.6 85.0



#16
Acetone
Concen: 3.058 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036191.D
Acq: 16 Jun 2023 19:11

Tgt Ion: 43 Resp: 3109
Ion Ratio Lower Upper
43 100
58 34.4 21.9 32.9#





#30

Chloroform

Concen: 0.978 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX036191.D

Acq: 16 Jun 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

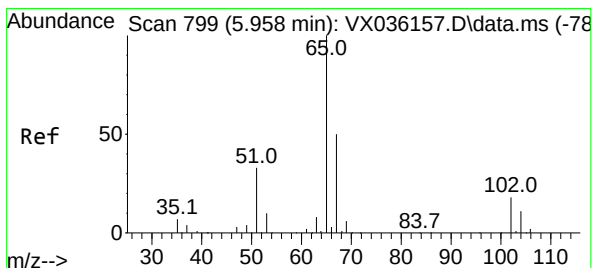
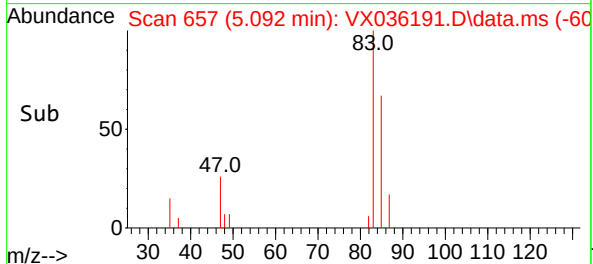
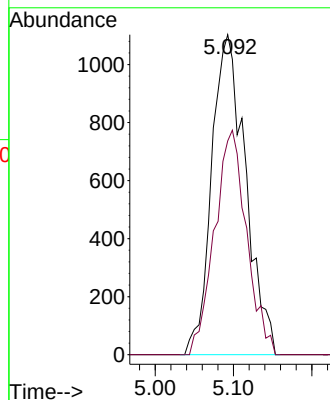
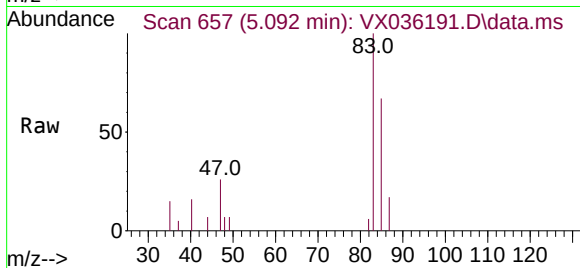
MW-02

Tgt Ion: 83 Resp: 3312

Ion Ratio Lower Upper

83 100

85 66.8 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 58.699 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036191.D

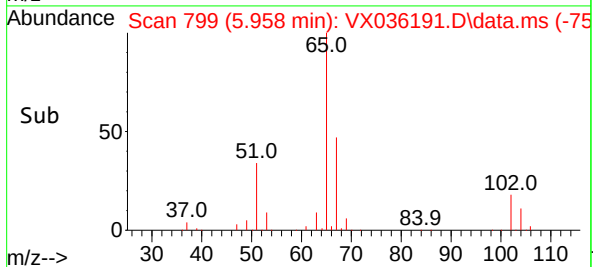
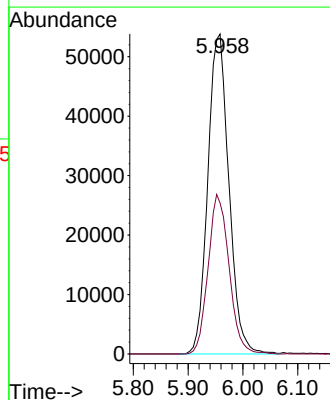
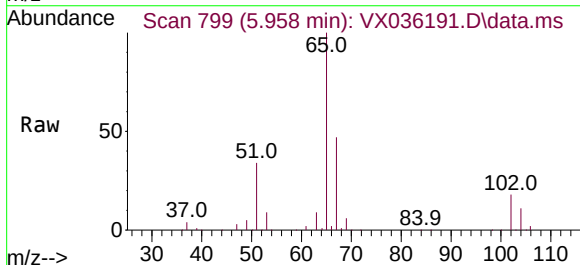
Acq: 16 Jun 2023 19:11

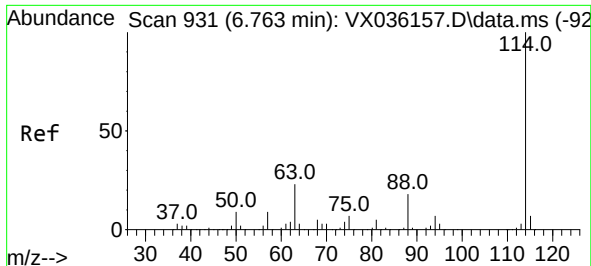
Tgt Ion: 65 Resp: 143631

Ion Ratio Lower Upper

65 100

67 49.5 0.0 100.2

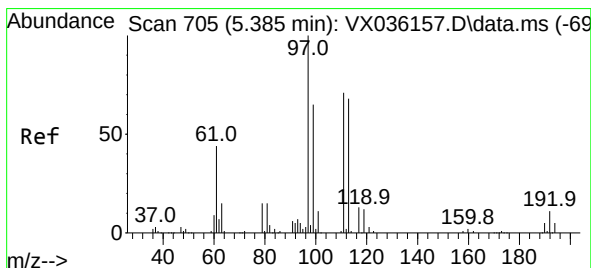
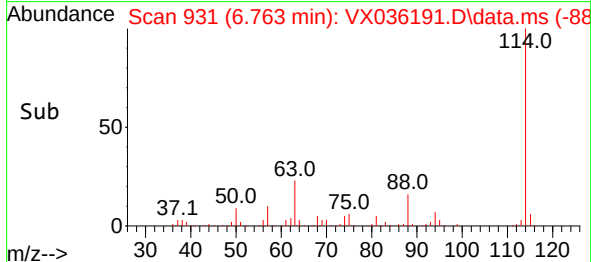
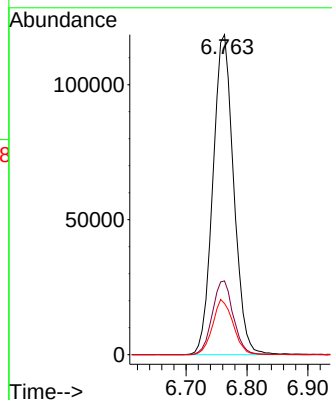
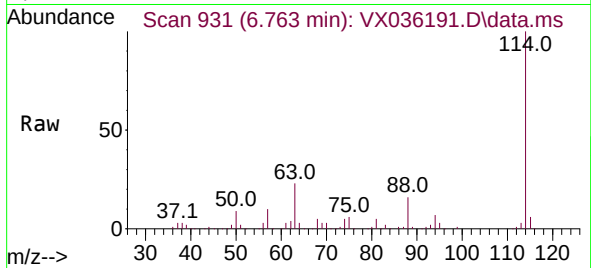




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036191.D
Acq: 16 Jun 2023 19:11

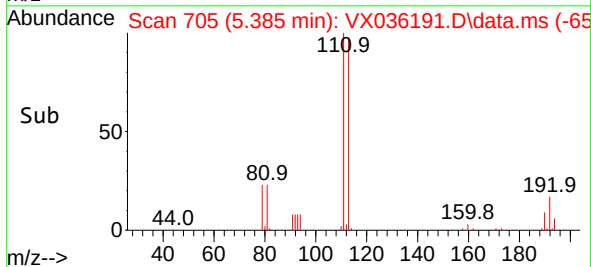
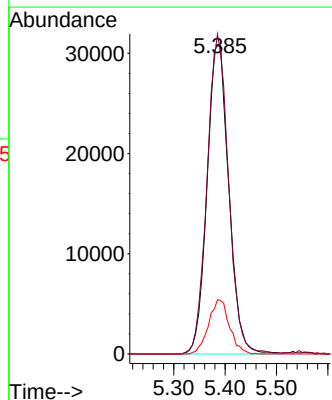
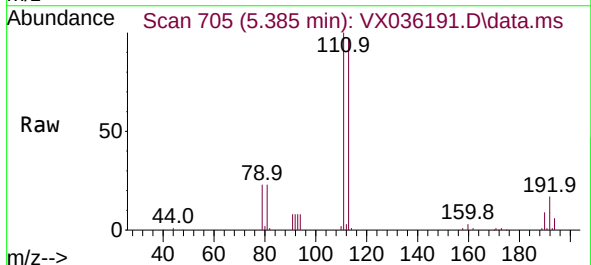
Instrument :
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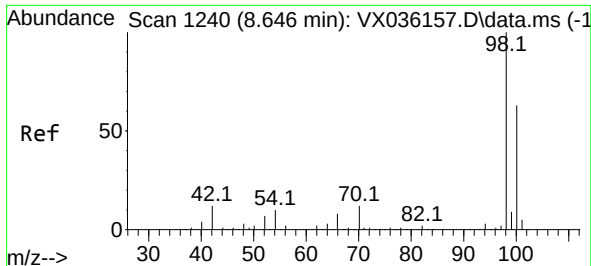
Tgt Ion:114 Resp: 280485
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.904 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036191.D
Acq: 16 Jun 2023 19:11

Tgt Ion:113 Resp: 91114
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.7 13.3 19.9

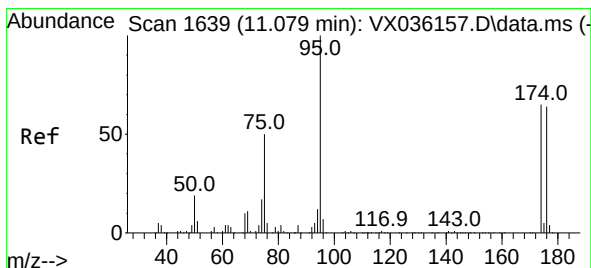
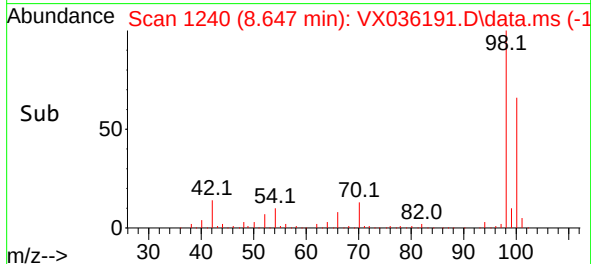
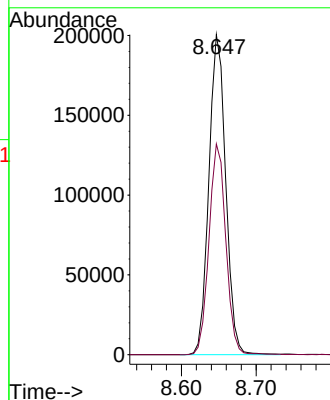
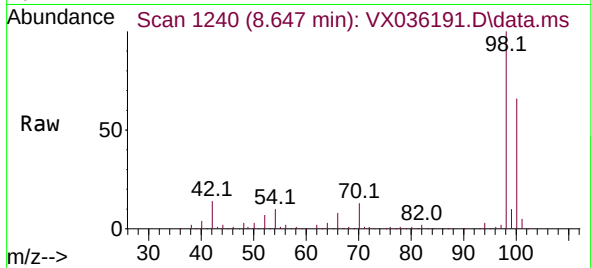




#50
Toluene-d8
Concen: 45.125 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036191.D
Acq: 16 Jun 2023 19:11

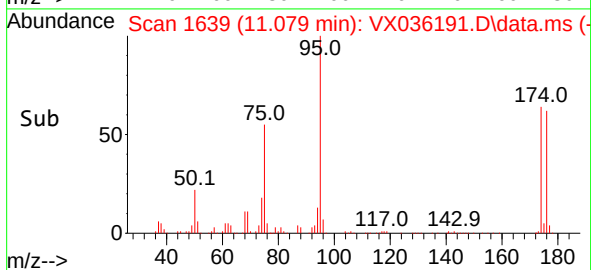
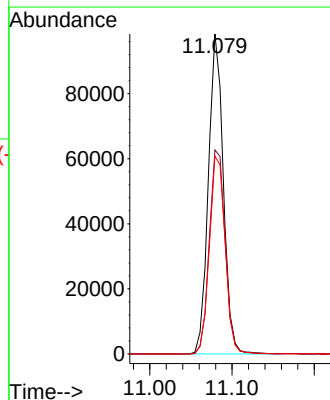
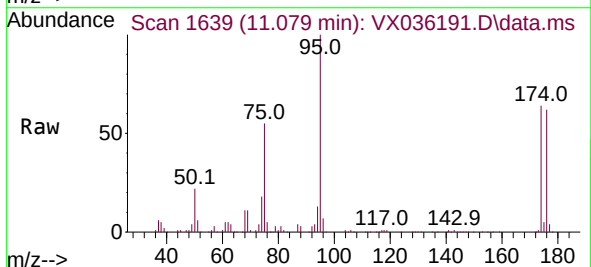
Instrument :
MSVOA_X
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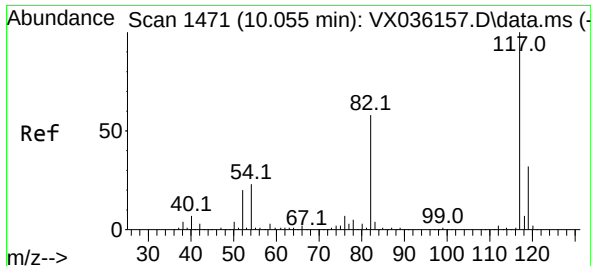
Tgt Ion: 98 Resp: 313952
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036191.D
Acq: 16 Jun 2023 19:11

Tgt Ion: 95 Resp: 124187
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 65.2 0.0 131.0

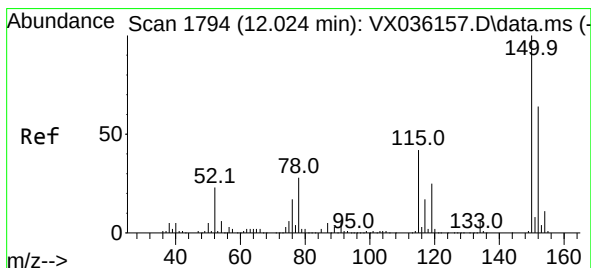
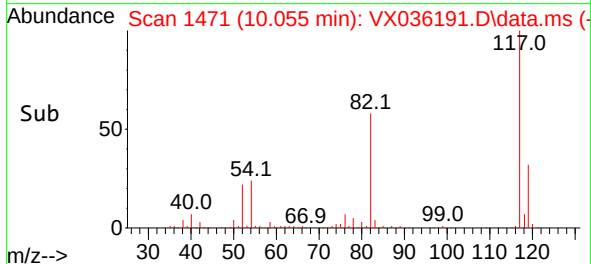
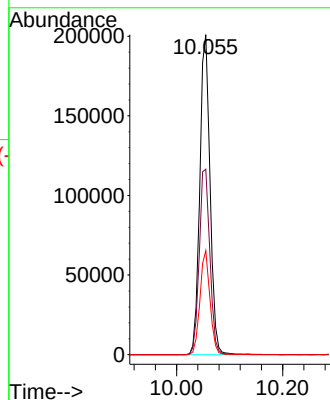
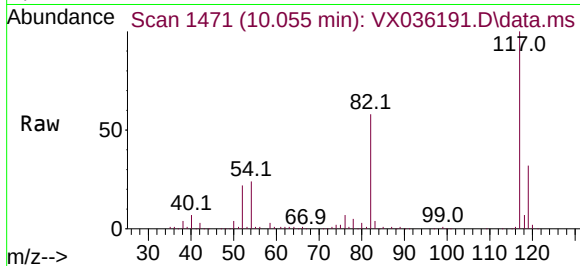




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036191.D
Acq: 16 Jun 2023 19:11

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 269732
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036191.D
Acq: 16 Jun 2023 19:11

Tgt Ion:152 Resp: 117957
Ion Ratio Lower Upper
152 100
115 65.9 43.3 129.9
150 157.9 0.0 345.0

