

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028069.D
 Acq On : 12 Apr 2022 20:16
 Operator : JC/MD
 Sample : N2333-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14R

Quant Time: Apr 13 01:14:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

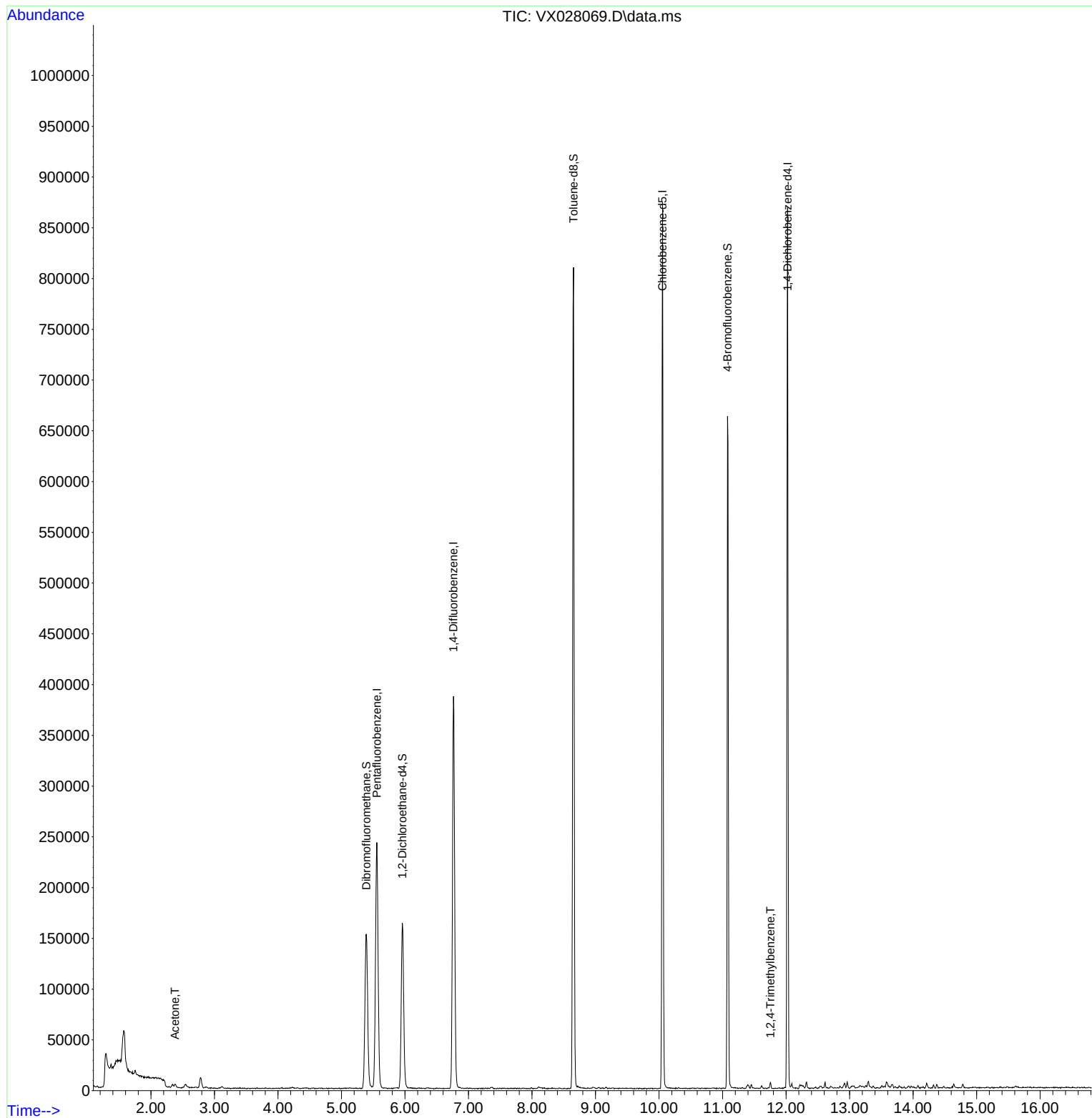
Internal Standards						
1) Pentafluorobenzene	5.556	168	229247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	398086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152155	48.922	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.840%
35) Dibromofluoromethane	5.391	113	131924	50.574	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.140%
50) Toluene-d8	8.653	98	483264	49.674	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.079	95	158924	43.751	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.500%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3615	2.790	ug/l #	85
84) 1,2,4-Trimethylbenzene	11.756	105	2667	0.265	ug/l	99

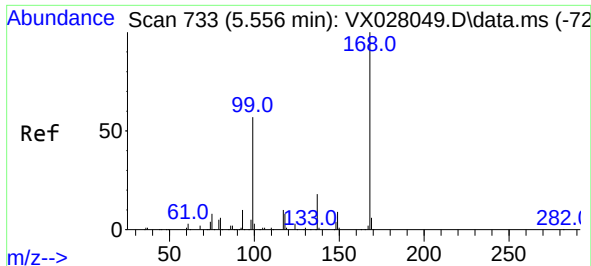
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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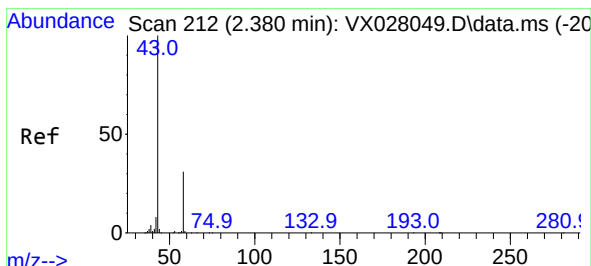
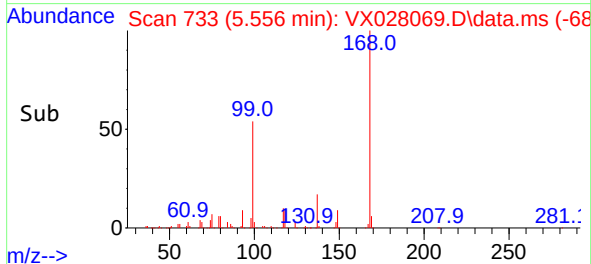
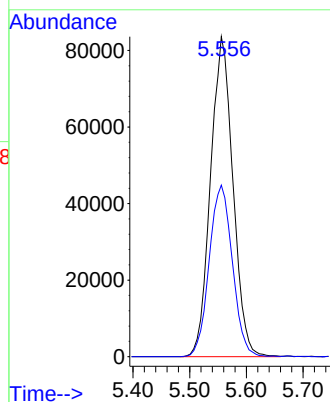
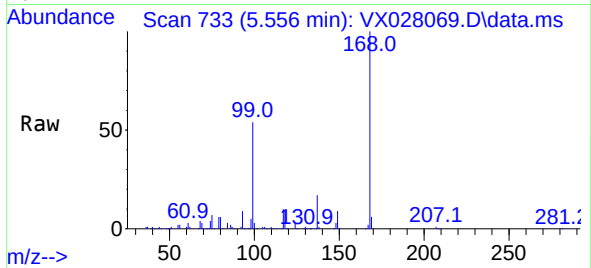




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

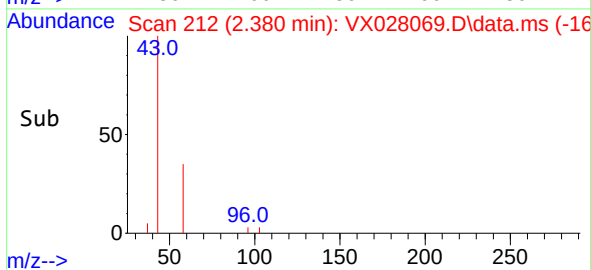
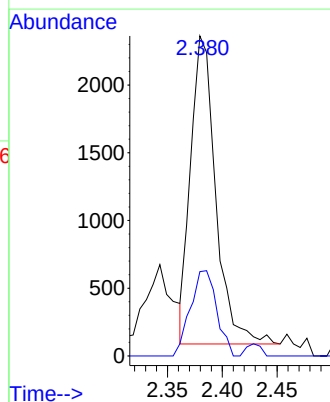
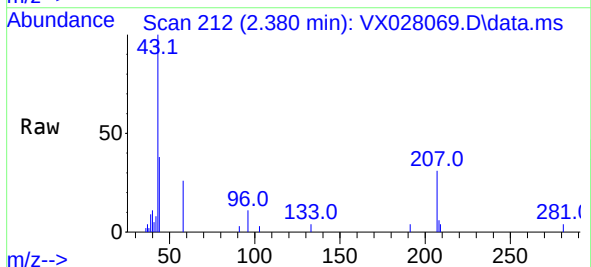
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

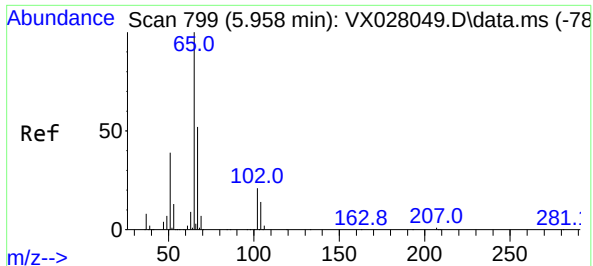
Tgt Ion:168 Resp: 229247
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#16
Acetone
Concen: 2.790 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

Tgt Ion: 43 Resp: 3615
Ion Ratio Lower Upper
43 100
58 27.4 28.8 43.2#





#33

1,2-Dichloroethane-d4

Concen: 48.922 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028069.D

Acq: 12 Apr 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

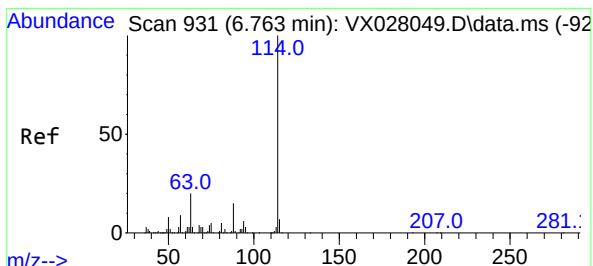
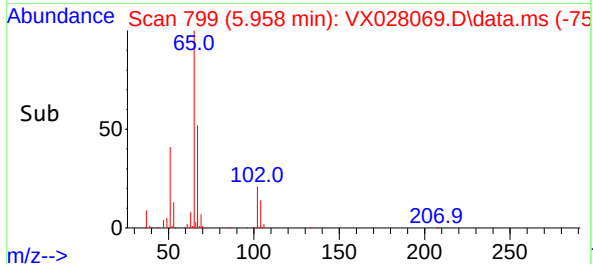
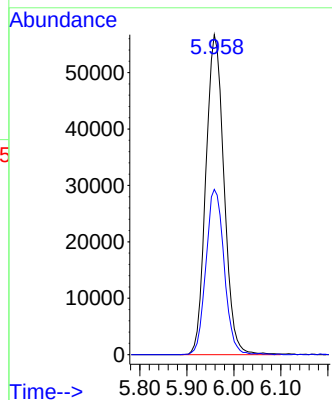
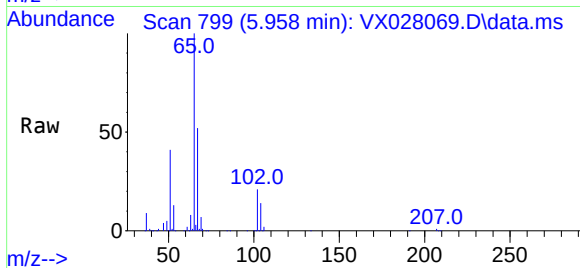
MW-14R

Tgt Ion: 65 Resp: 152155

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028069.D

Acq: 12 Apr 2022 20:16

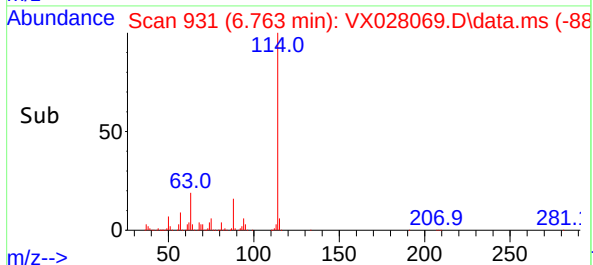
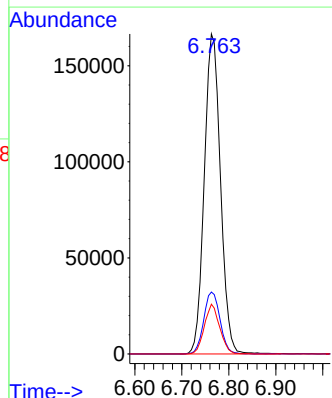
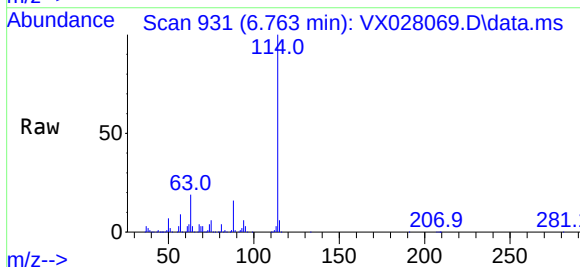
Tgt Ion: 114 Resp: 398086

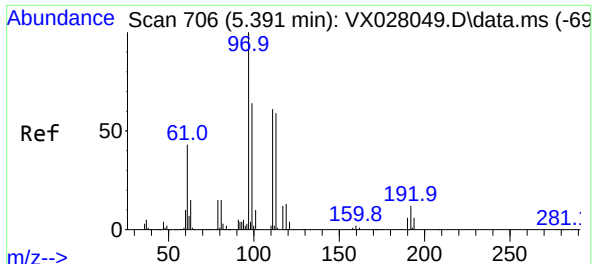
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 15.5 0.0 32.4

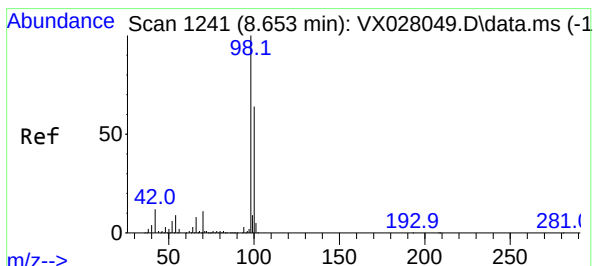
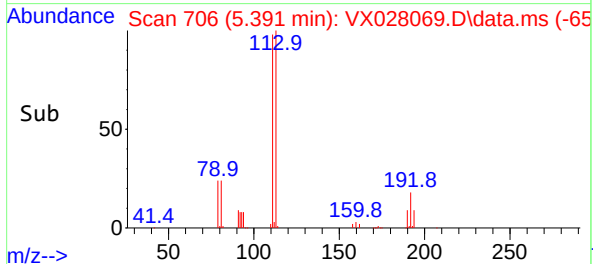
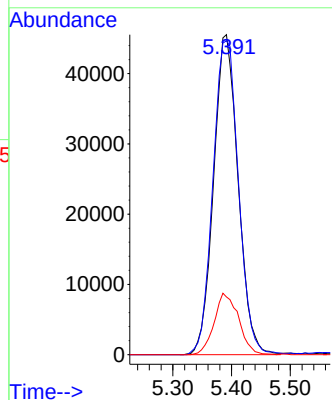
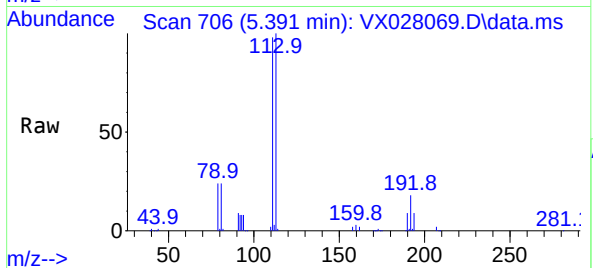




#35
Dibromofluoromethane
Concen: 50.574 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

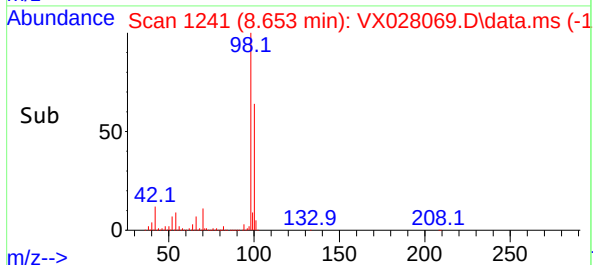
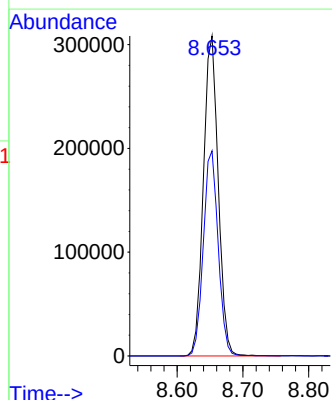
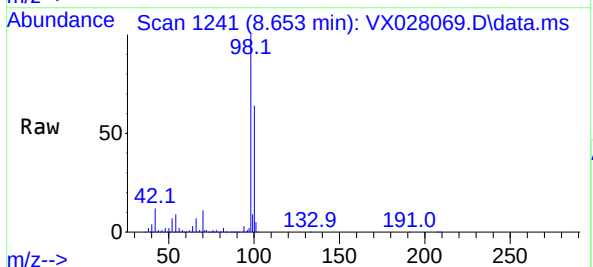
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

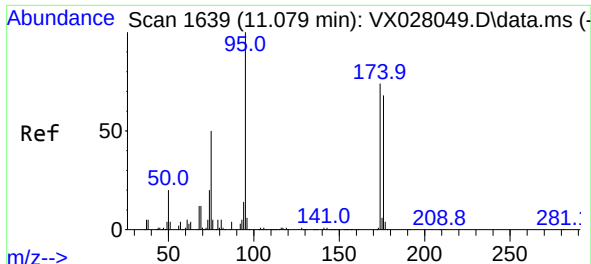
Tgt Ion:113 Resp: 131924
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 49.674 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

Tgt Ion: 98 Resp: 483264
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

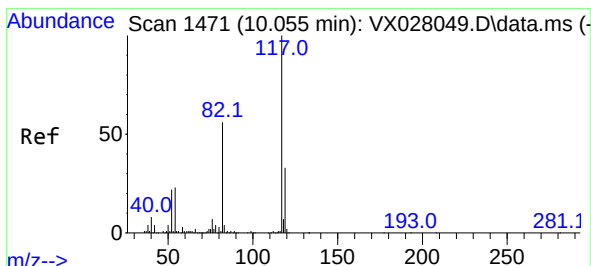
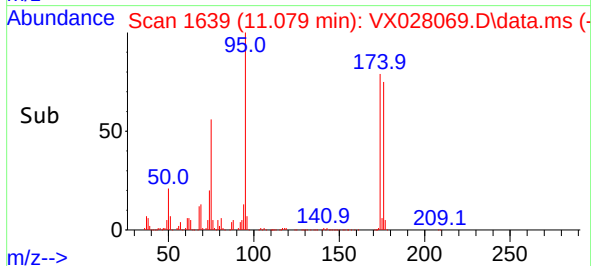
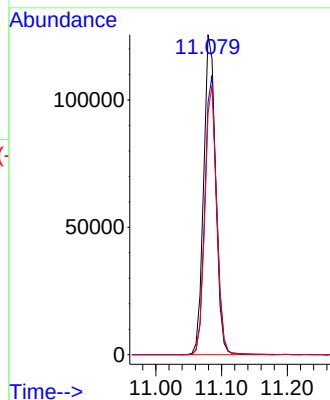
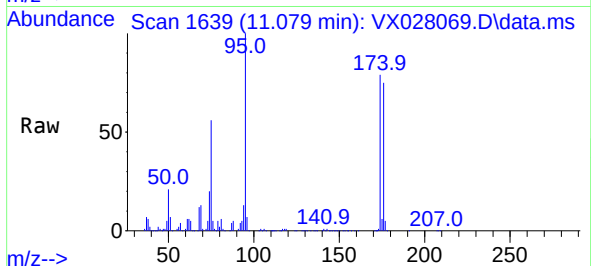




#62
4-Bromofluorobenzene
Concen: 43.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

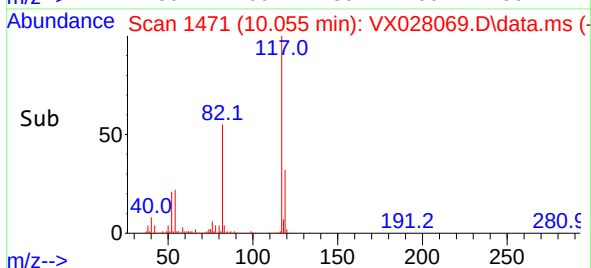
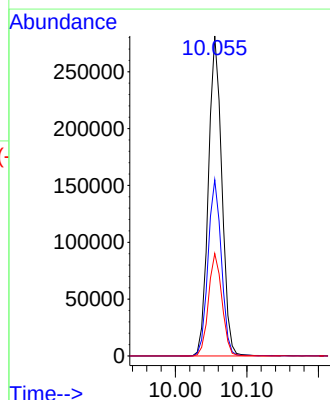
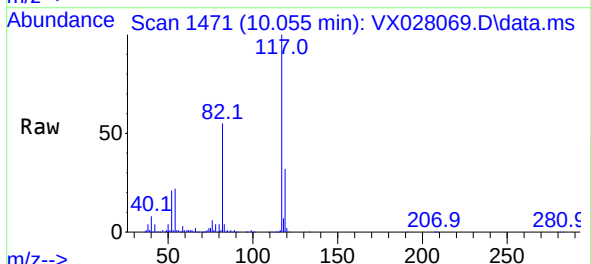
Instrument :
MSVOA_X
ClientSampleId :
MW-14R

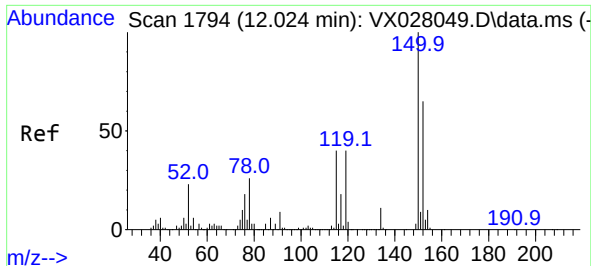
Tgt Ion: 95 Resp: 158924
Ion Ratio Lower Upper
95 100
174 86.0 0.0 163.0
176 82.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028069.D
Acq: 12 Apr 2022 20:16

Tgt Ion: 117 Resp: 367042
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.0 24.8 37.2

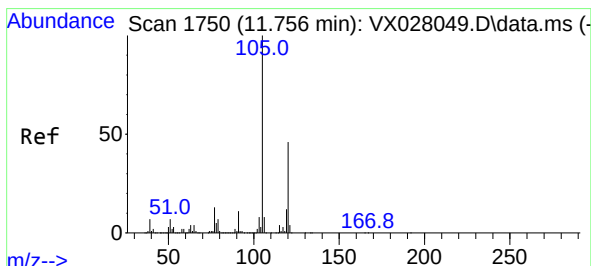
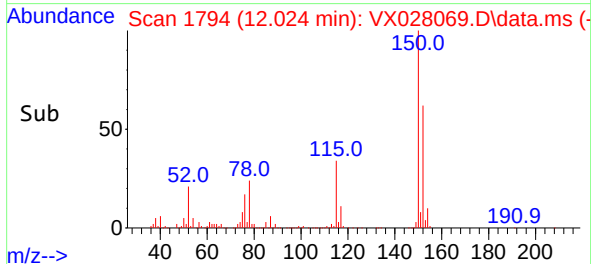
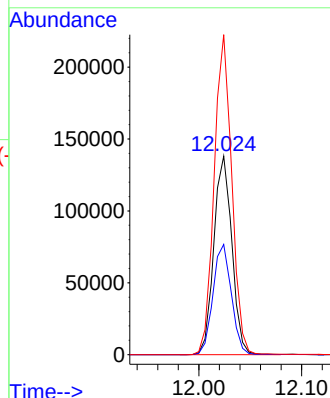
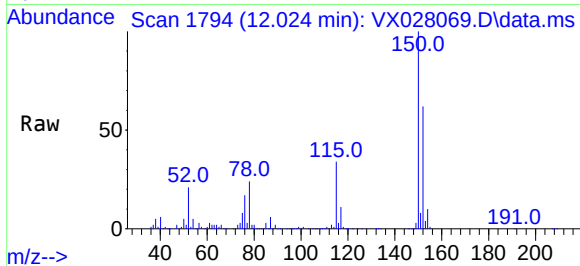




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028069.D
 Acq: 12 Apr 2022 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14R

Tgt Ion:152 Resp: 167815
 Ion Ratio Lower Upper
 152 100
 115 56.9 37.5 112.7
 150 158.0 0.0 338.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.265 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX028069.D
 Acq: 12 Apr 2022 20:16

Tgt Ion:105 Resp: 2667
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.6 67.8

