

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023115.D
 Acq On : 02 Jul 2021 18:18
 Operator : JC/MD
 Sample : M2892-03DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Quant Time: Jul 05 02:56:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

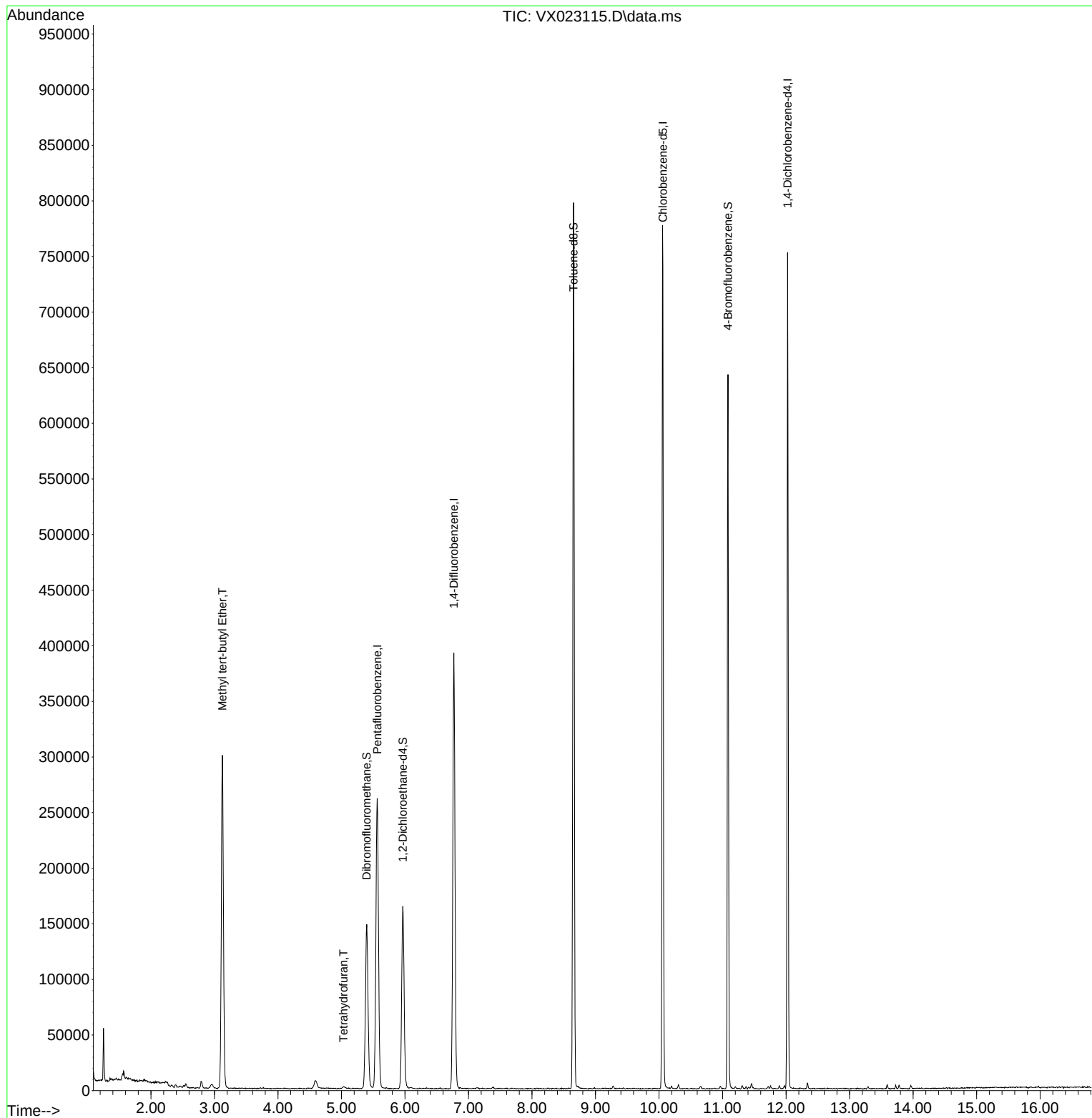
Internal Standards						
1) Pentafluorobenzene	5.562	168	243101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	388513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	350350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164521	50.354	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.700%
35) Dibromofluoromethane	5.397	113	123696	49.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.600%
50) Toluene-d8	8.653	98	465119	49.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.400%
62) 4-Bromofluorobenzene	11.085	95	164479	45.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.040%
Target Compounds						
19) Methyl tert-butyl Ether	3.123	73	329711	40.681	ug/l	Qvalue 99
29) Tetrahydrofuran	5.032	42	1696	1.354	ug/l #	67

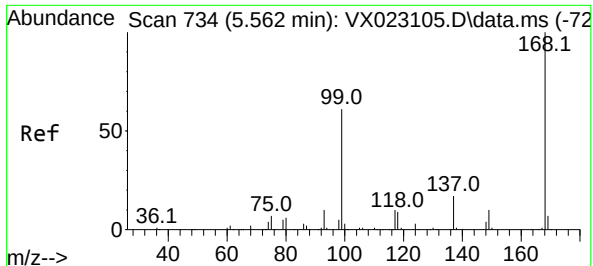
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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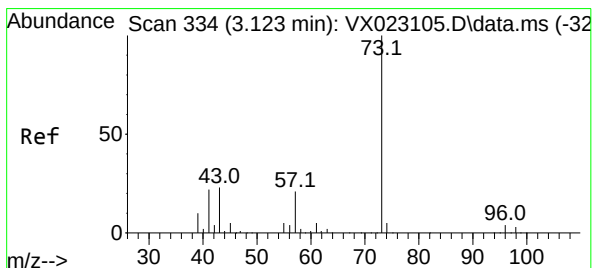
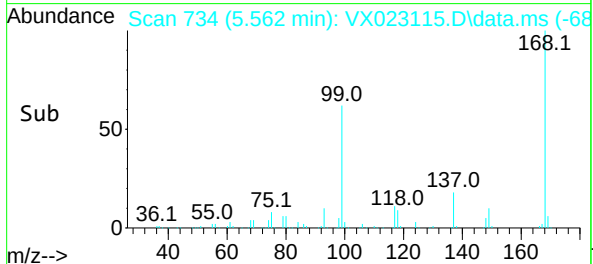
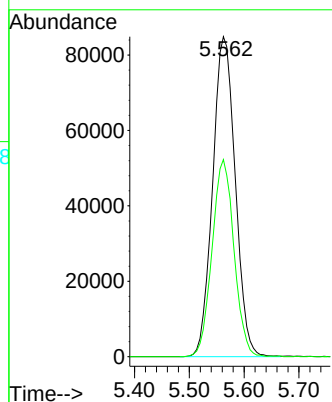
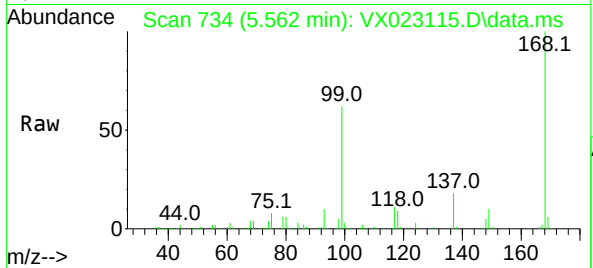




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023115.D
Acq: 02 Jul 2021 18:18

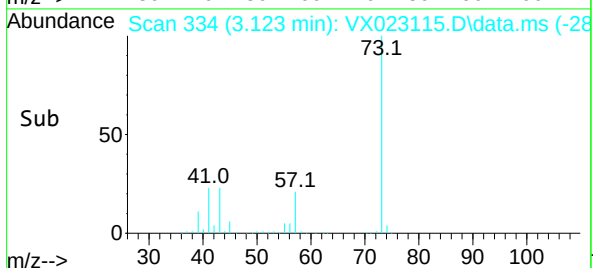
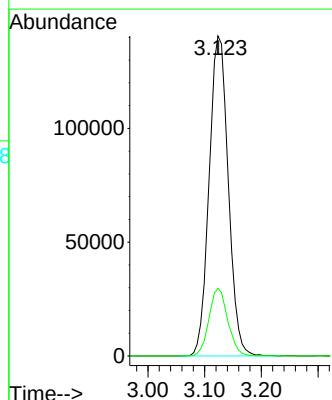
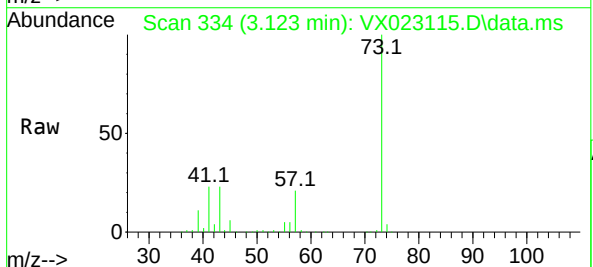
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

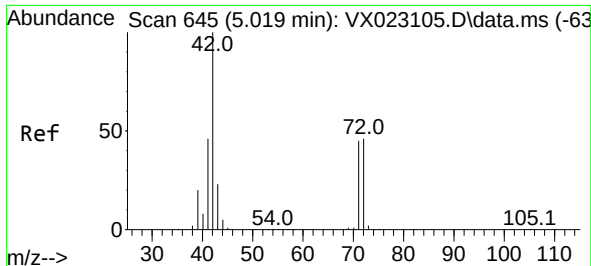
Tgt Ion:168 Resp: 243101
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#19
Methyl tert-butyl Ether
Concen: 40.681 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023115.D
Acq: 02 Jul 2021 18:18

Tgt Ion: 73 Resp: 329711
Ion Ratio Lower Upper
73 100
57 21.1 17.1 25.7





#29

Tetrahydrofuran

Concen: 1.354 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.013 min

Lab File: VX023115.D

Acq: 02 Jul 2021 18:18

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

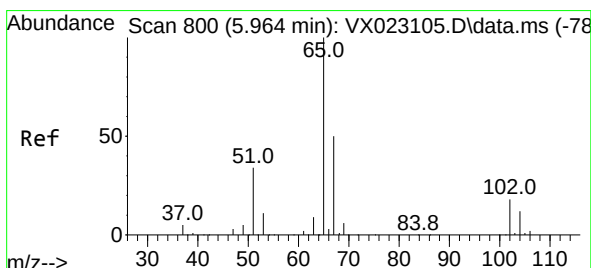
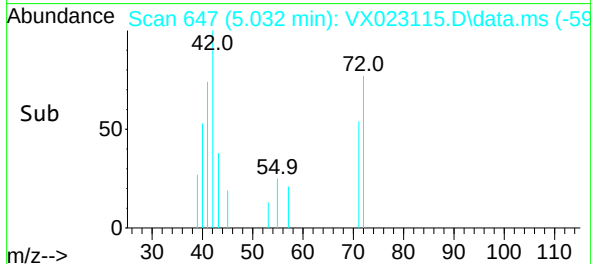
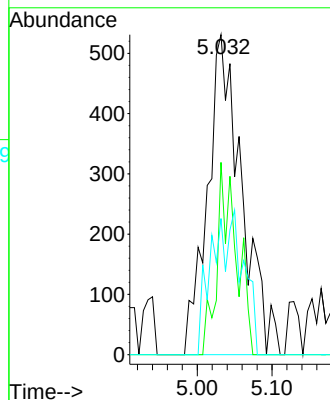
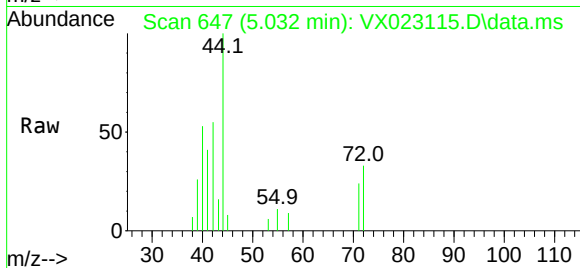
Tgt Ion: 42 Resp: 1696

Ion Ratio Lower Upper

42 100

72 34.2 41.7 62.5#

71 20.6 38.4 57.6#



#33

1,2-Dichloroethane-d4

Concen: 50.354 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023115.D

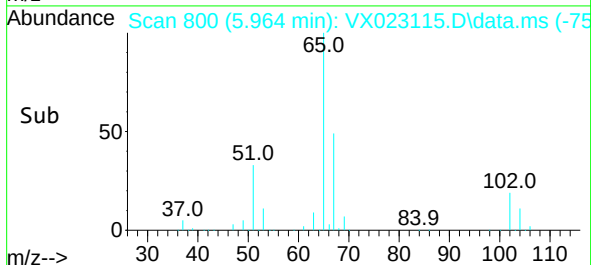
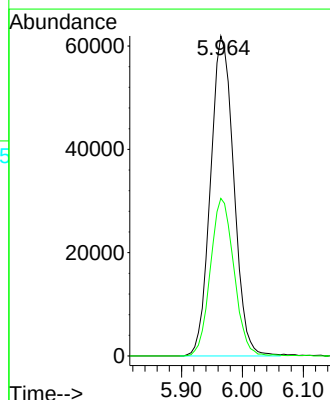
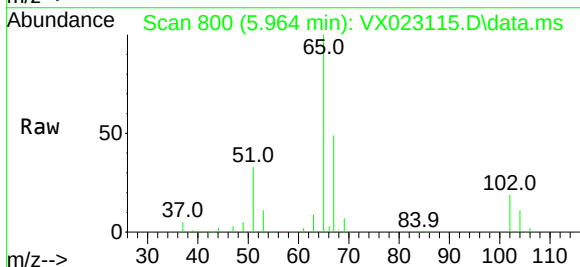
Acq: 02 Jul 2021 18:18

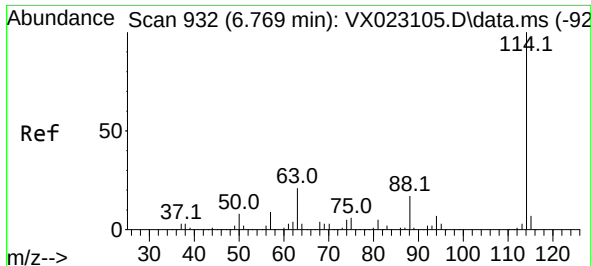
Tgt Ion: 65 Resp: 164521

Ion Ratio Lower Upper

65 100

67 49.8 0.0 105.4

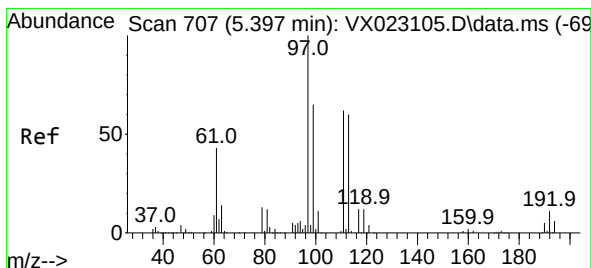
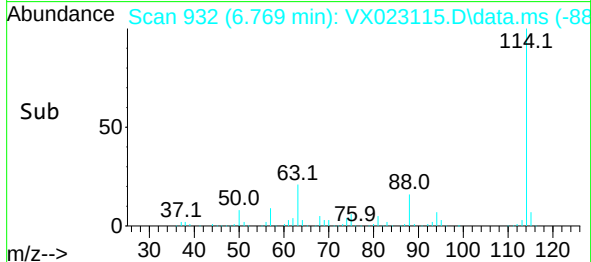
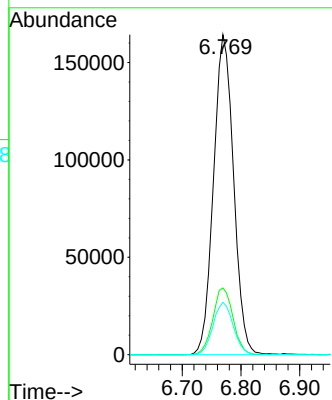
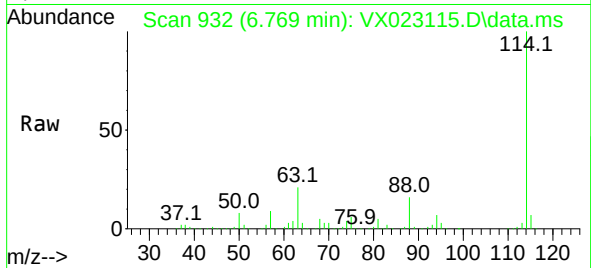




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023115.D
Acq: 02 Jul 2021 18:18

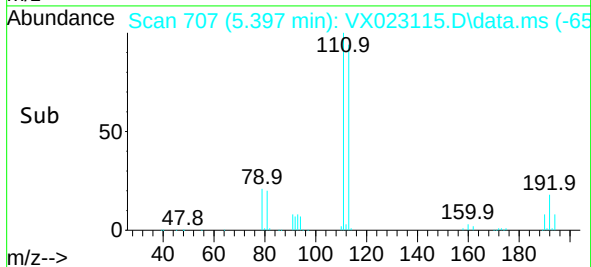
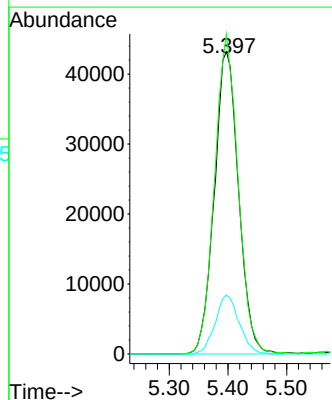
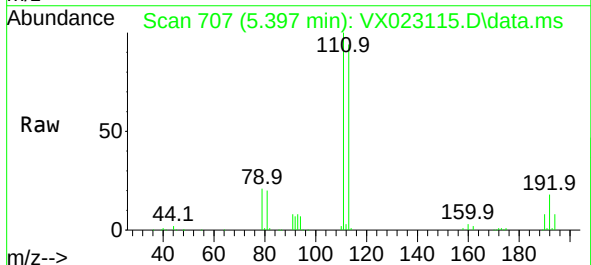
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

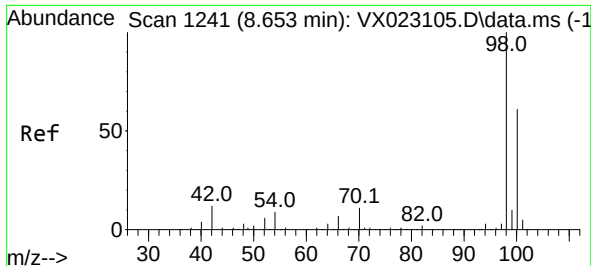
Tgt Ion:114 Resp: 388513
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.304 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023115.D
Acq: 02 Jul 2021 18:18

Tgt Ion:113 Resp: 123696
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.2 16.7 25.1

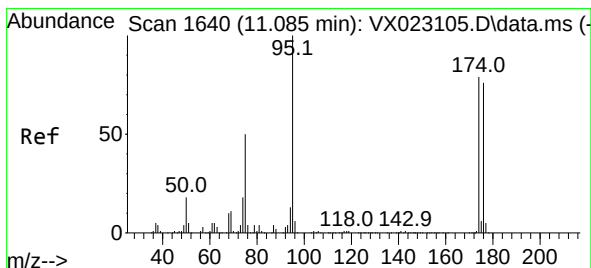
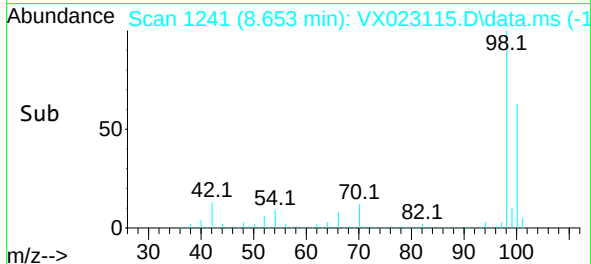
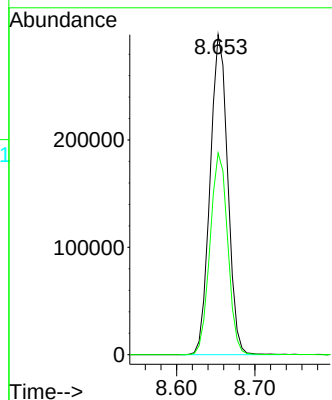
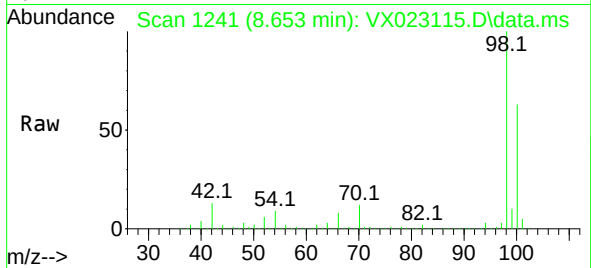




#50
Toluene-d8
Concen: 49.700 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023115.D
Acq: 02 Jul 2021 18:18

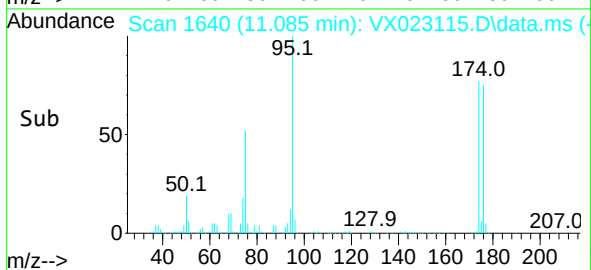
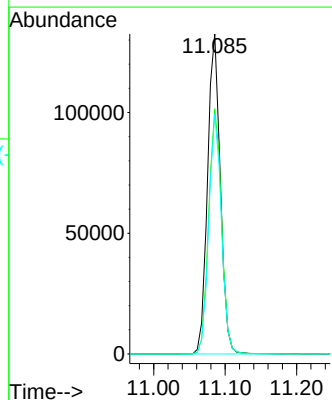
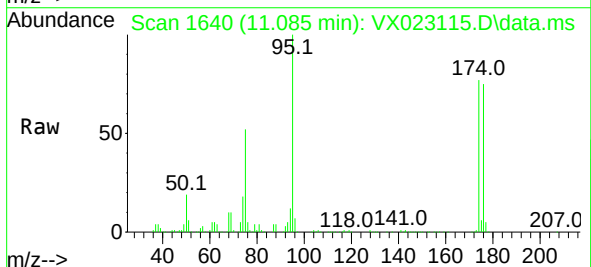
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

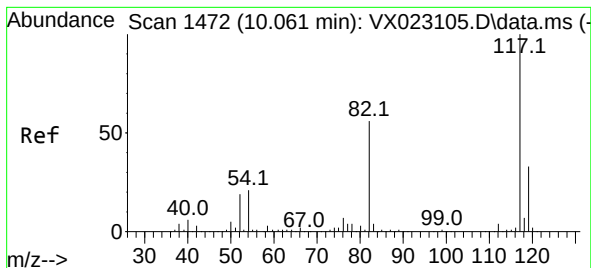
Tgt Ion: 98 Resp: 465119
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.525 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023115.D
Acq: 02 Jul 2021 18:18

Tgt Ion: 95 Resp: 164479
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 74.1 0.0 155.8

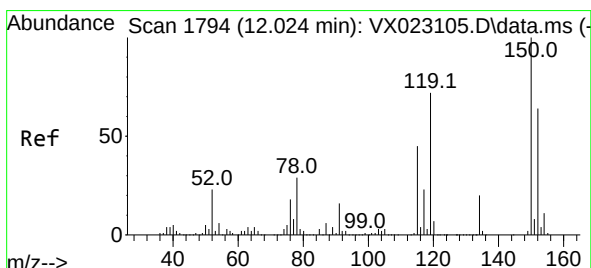
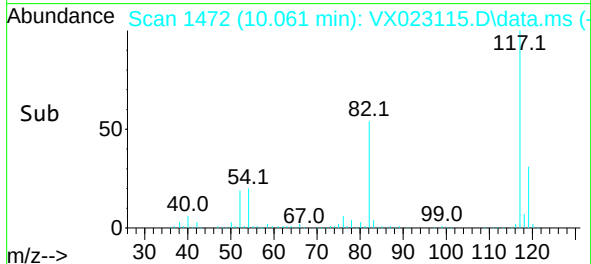
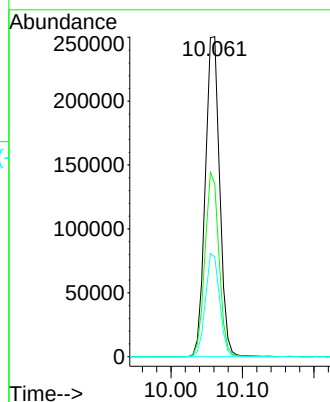
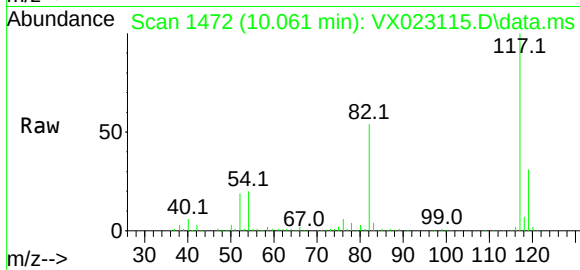




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023115.D
Acq: 02 Jul 2021 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion:117 Resp: 350350
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023115.D
Acq: 02 Jul 2021 18:18

Tgt Ion:152 Resp: 145776
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 159.4 0.0 349.0

