

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024108.D
 Acq On : 03 Sep 2021 17:27
 Operator : JC/MD
 Sample : M3643-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

Quant Time: Sep 04 01:31:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

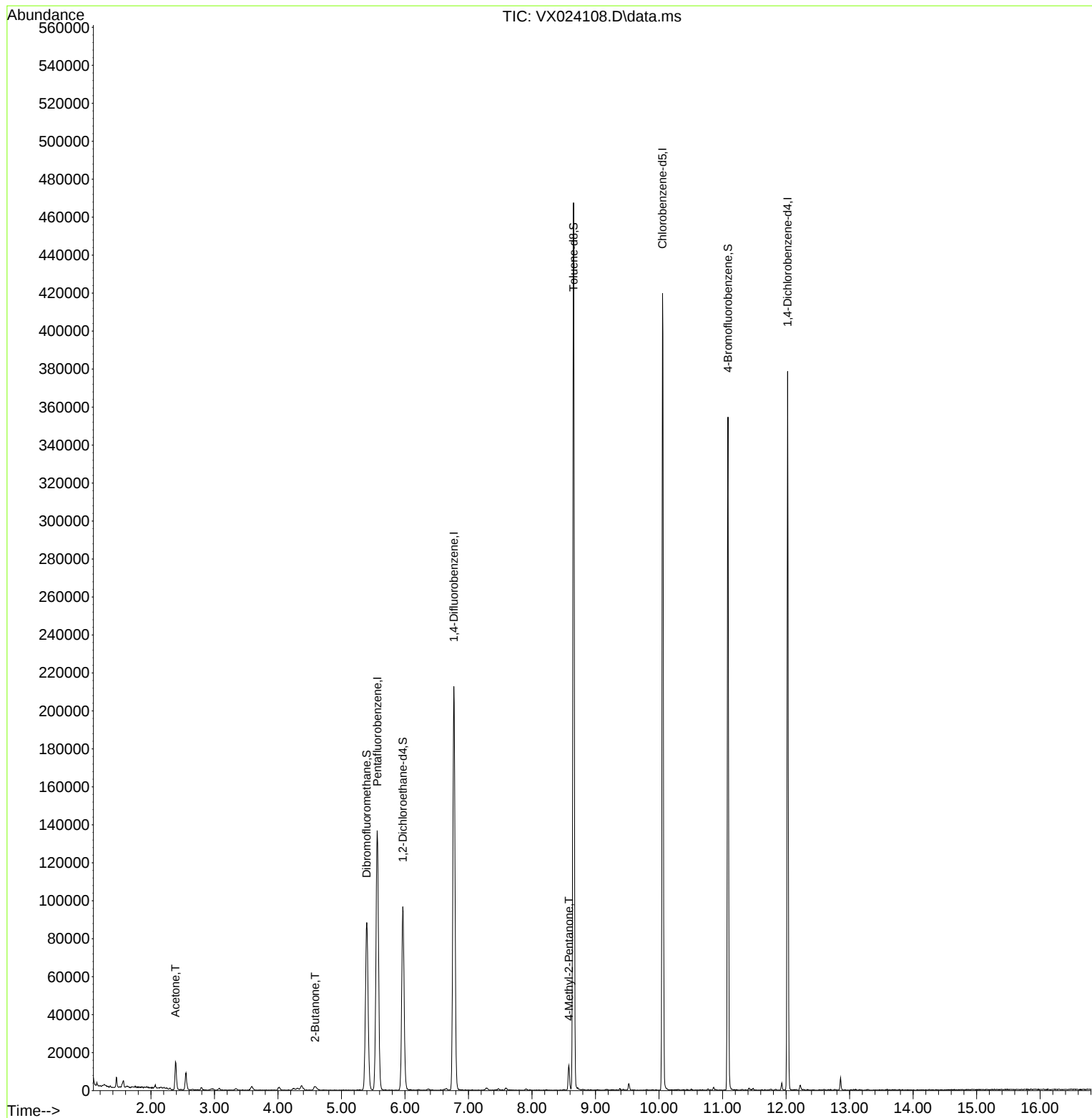
Internal Standards						
1) Pentafluorobenzene	5.562	168	125785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	210776	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95979	54.671	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.340%	
35) Dibromofluoromethane	5.397	113	74220	53.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.400%	
50) Toluene-d8	8.653	98	268286	50.527	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	11.085	95	87641	44.837	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.680%	
Target Compounds						
						Qvalue
16) Acetone	2.386	43	15998	20.381	ug/l	91
25) 2-Butanone	4.587	43	2643	2.223	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	7925	3.267	ug/l	87

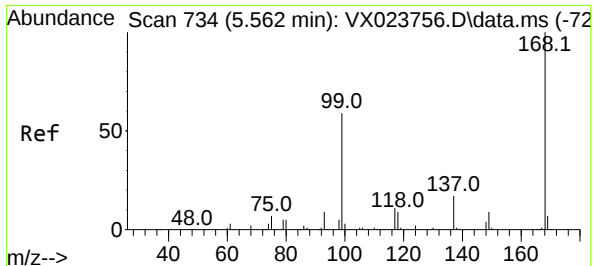
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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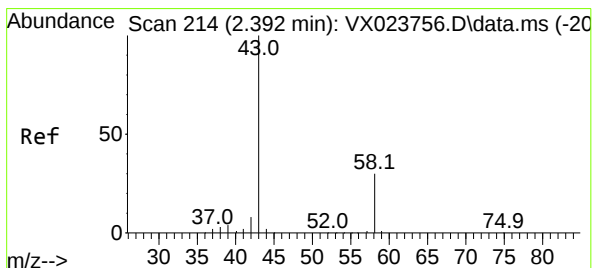
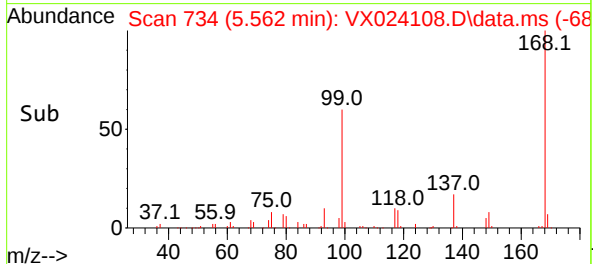
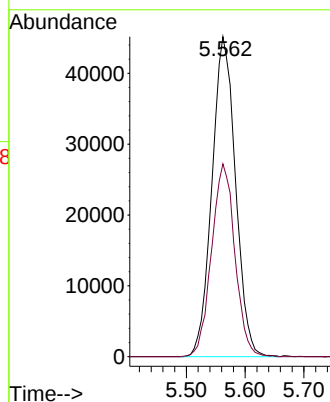
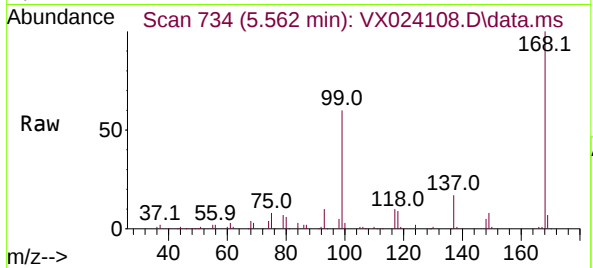




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024108.D
Acq: 03 Sep 2021 17:27

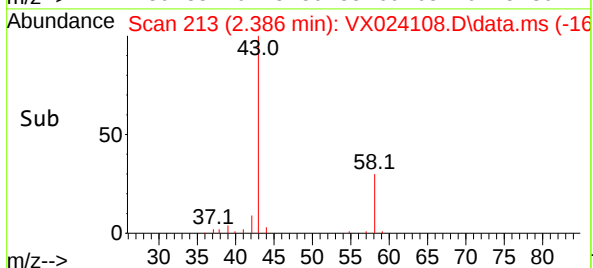
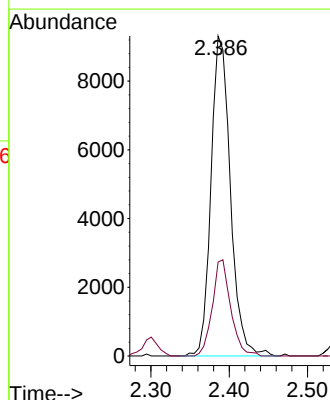
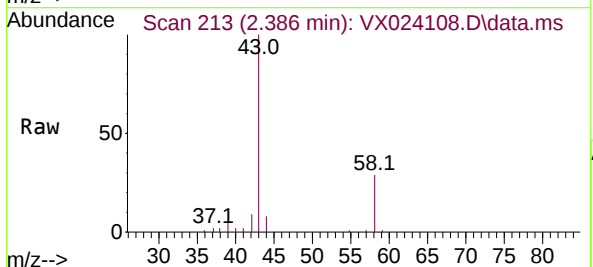
Instrument :
MSVOA_X
ClientSampled :
OF-2

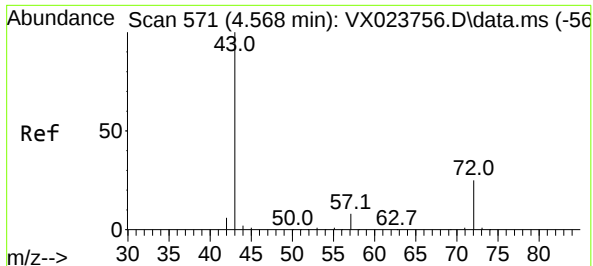
Tgt Ion:168 Resp: 125785
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#16
Acetone
Concen: 20.381 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024108.D
Acq: 03 Sep 2021 17:27

Tgt Ion: 43 Resp: 15998
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8





#25

2-Butanone

Concen: 2.223 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX024108.D

Acq: 03 Sep 2021 17:27

Tgt Ion: 43 Resp: 2643

Ion Ratio Lower Upper

43 100

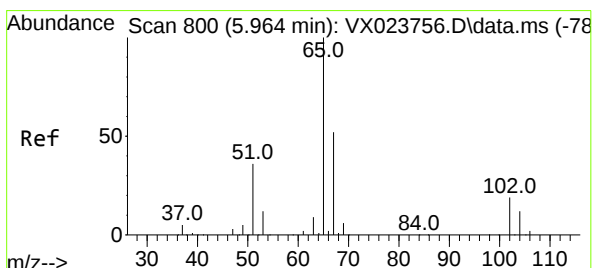
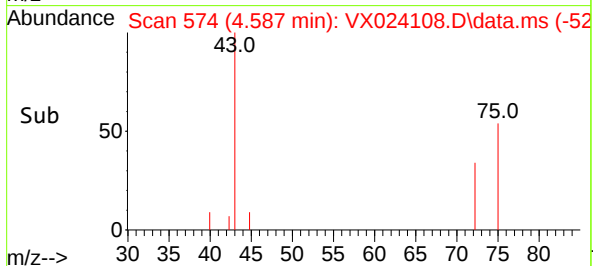
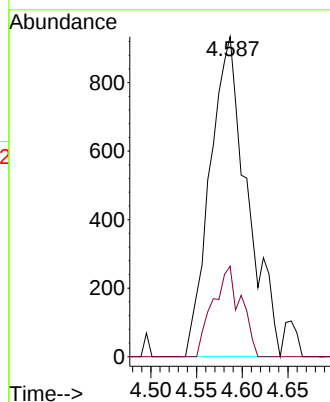
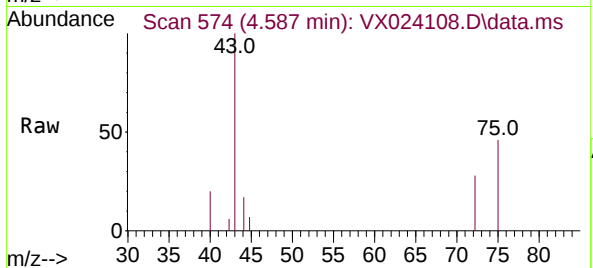
72 28.3 23.7 35.5

Instrument :

MSVOA_X

ClientSampleId :

OF-2



#33

1,2-Dichloroethane-d4

Concen: 54.671 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024108.D

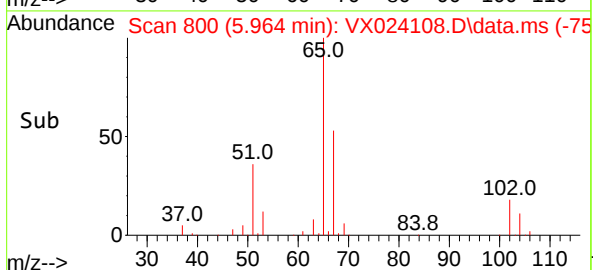
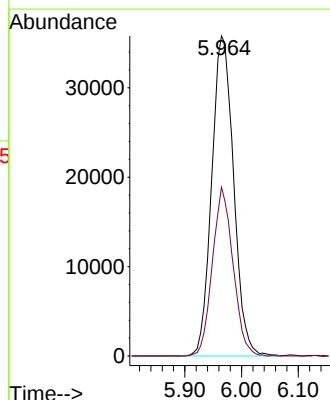
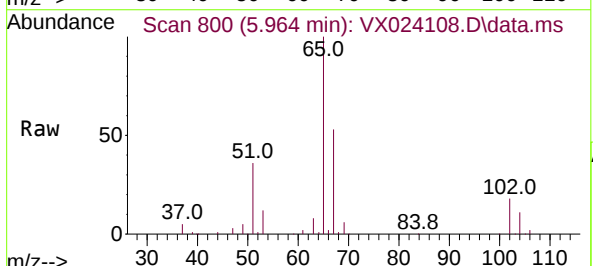
Acq: 03 Sep 2021 17:27

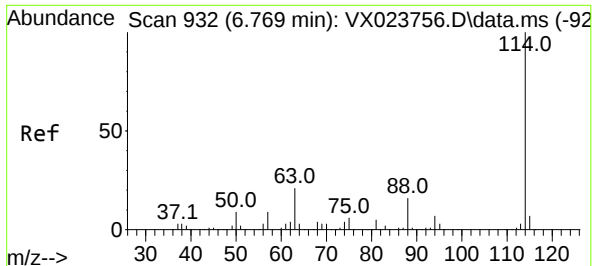
Tgt Ion: 65 Resp: 95979

Ion Ratio Lower Upper

65 100

67 49.6 0.0 105.4

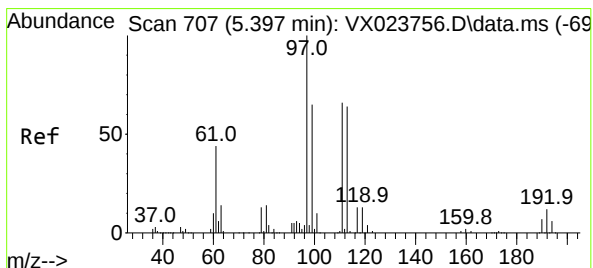
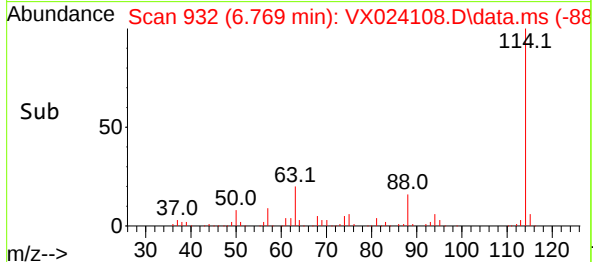
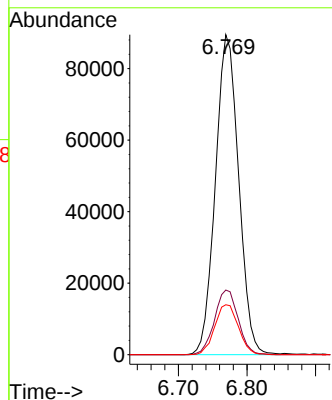
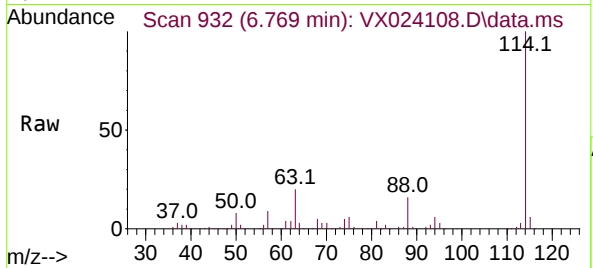




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024108.D
Acq: 03 Sep 2021 17:27

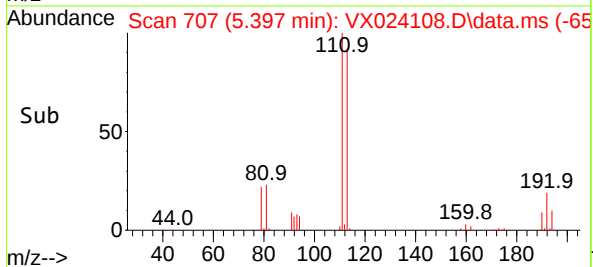
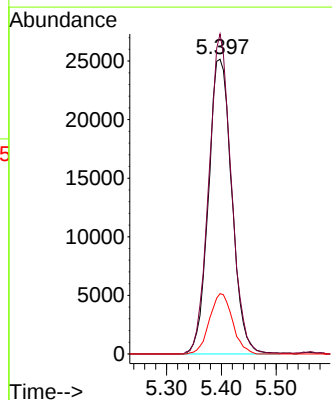
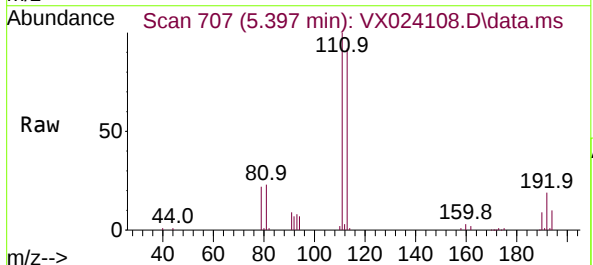
Instrument :
MSVOA_X
ClientSampled :
OF-2

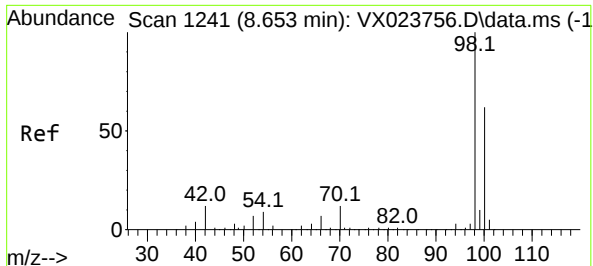
Tgt Ion:114 Resp: 210776
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.202 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024108.D
Acq: 03 Sep 2021 17:27

Tgt Ion:113 Resp: 74220
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 20.2 16.7 25.1





#50

Toluene-d8

Concen: 50.527 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024108.D

Acq: 03 Sep 2021 17:27

Instrument :

MSVOA_X

ClientSampled :

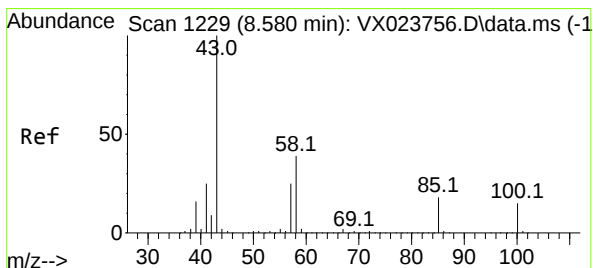
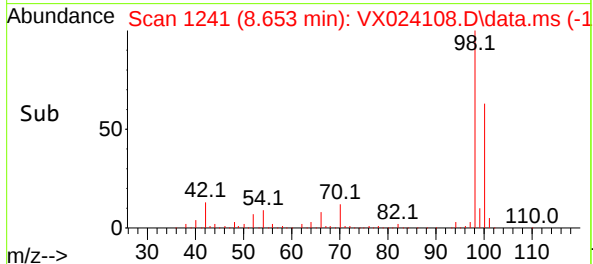
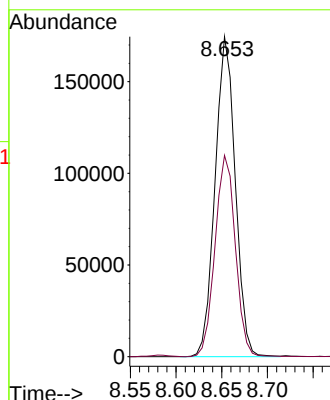
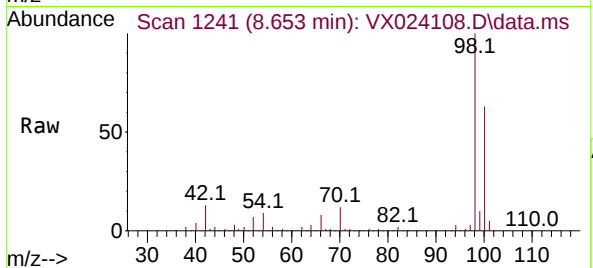
OF-2

Tgt Ion: 98 Resp: 268286

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 3.267 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX024108.D

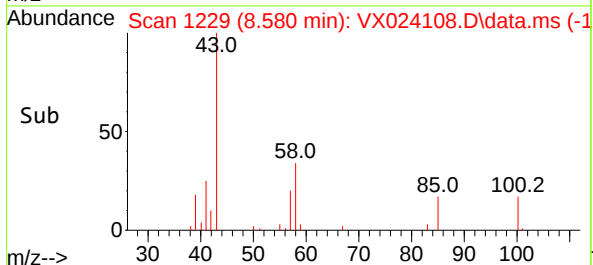
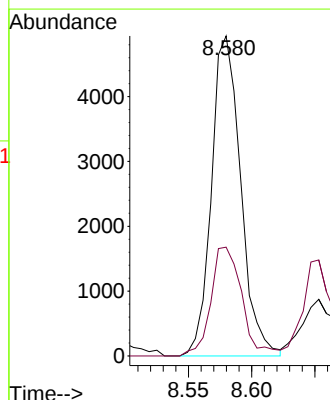
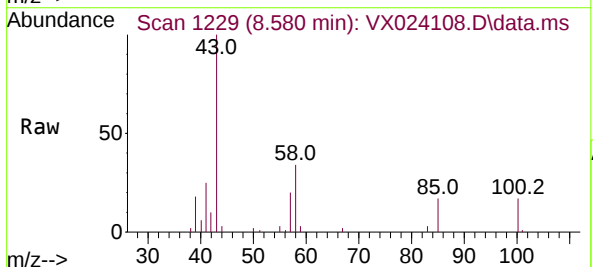
Acq: 03 Sep 2021 17:27

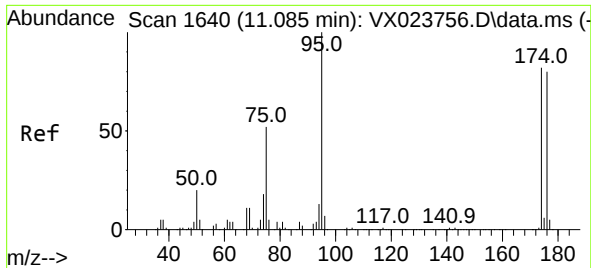
Tgt Ion: 43 Resp: 7925

Ion Ratio Lower Upper

43 100

58 36.1 35.4 53.0

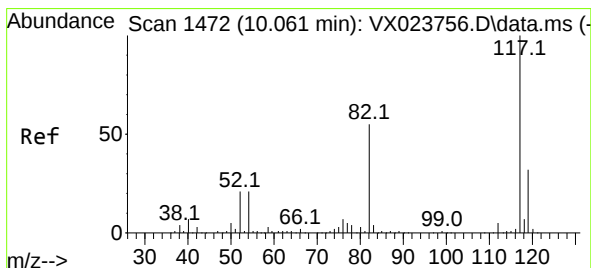
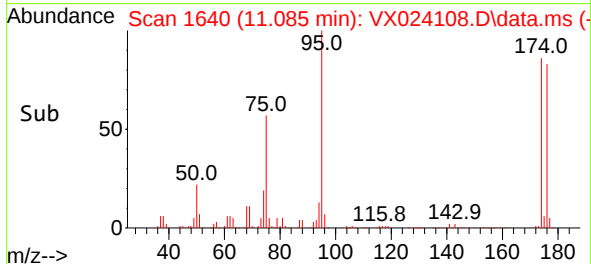
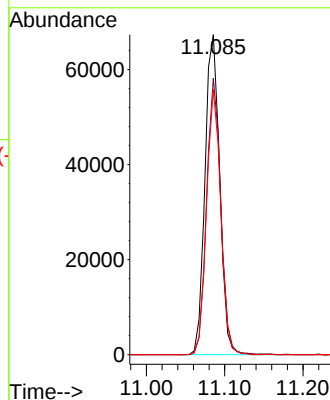
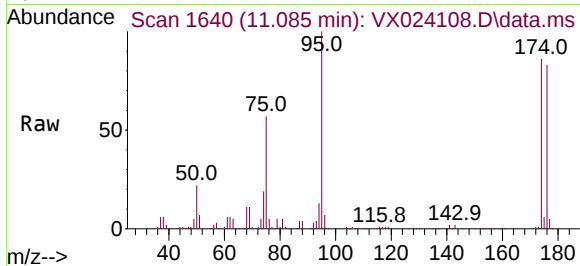




#62
4-Bromofluorobenzene
Concen: 44.837 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024108.D
Acq: 03 Sep 2021 17:27

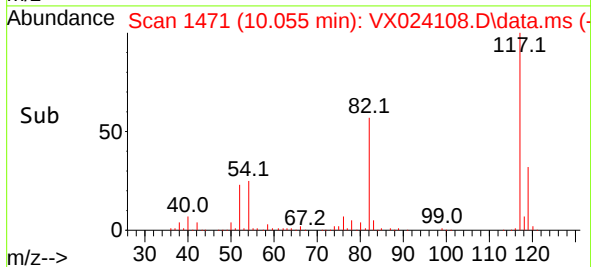
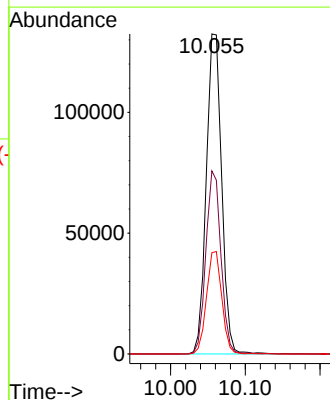
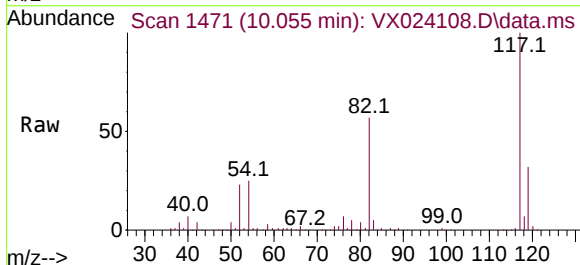
Instrument :
MSVOA_X
ClientSampled :
OF-2

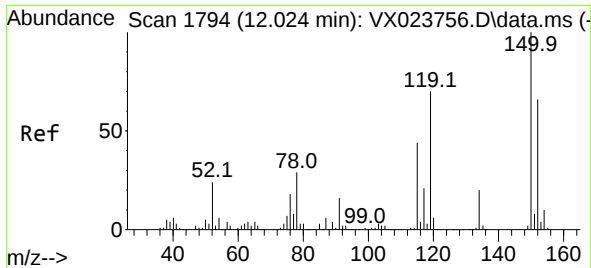
Tgt Ion: 95 Resp: 87641
Ion Ratio Lower Upper
95 100
174 83.7 0.0 154.6
176 79.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024108.D
Acq: 03 Sep 2021 17:27

Tgt Ion: 117 Resp: 189032
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.7 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: VX024108.D
 Acq: 03 Sep 2021 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

Tgt Ion:152 Resp: 73734
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.1 123.3
 150 158.5 0.0 349.0

