

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019361.D
 Acq On : 09 Nov 2020 12:44
 Operator : JC/MD
 Sample : L4670-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Nov 10 02:00:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	305208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	531025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	499148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	253202	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	207880	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	5.46	113	163152	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.70	98	655091	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.12	95	251546	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

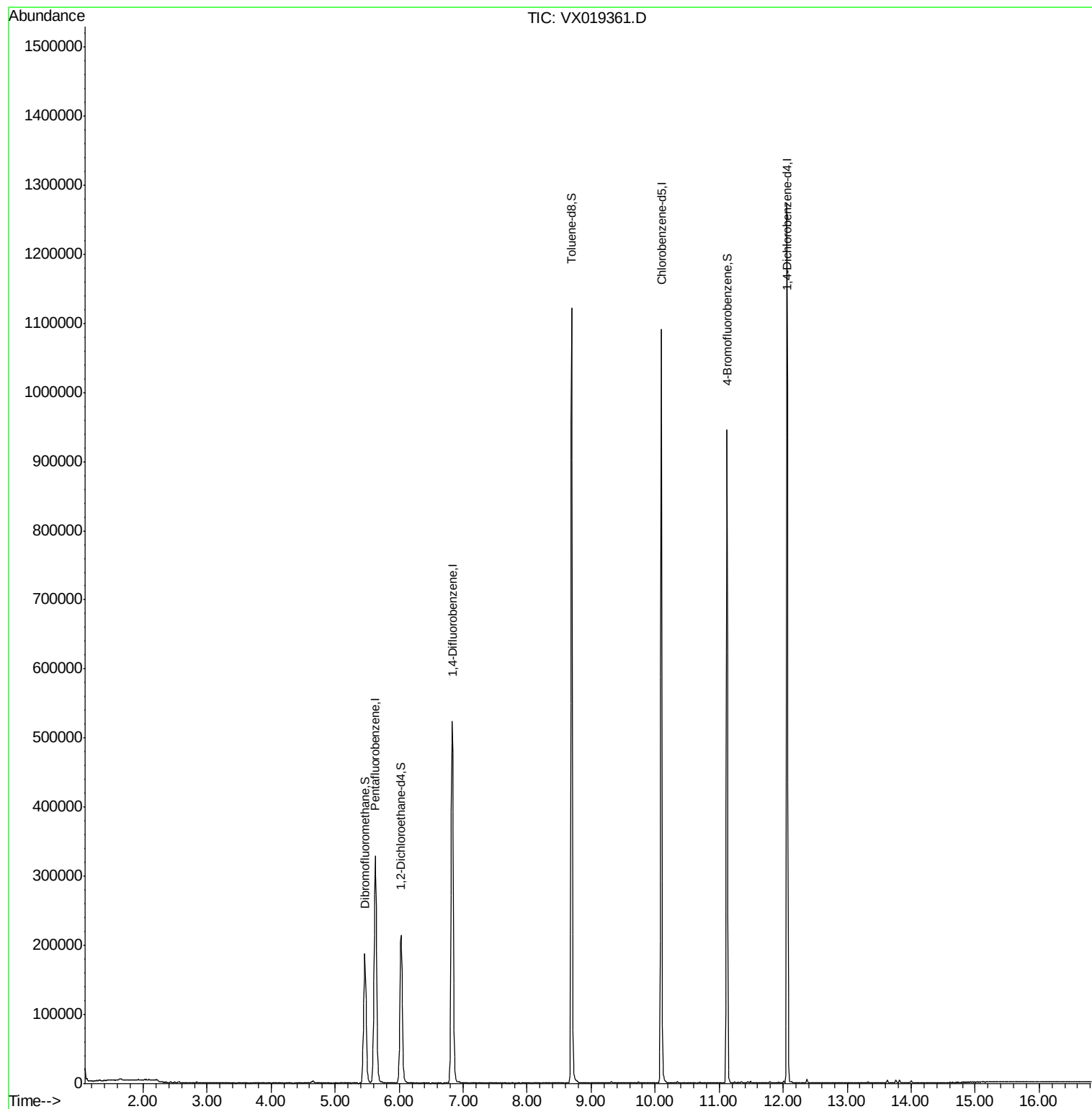
Target Compounds	Qvalue

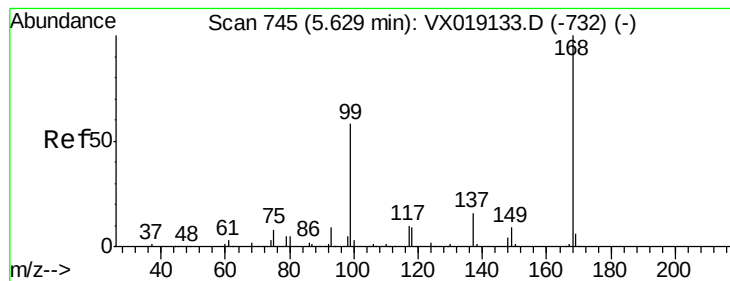
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019361.D

Acq: 09 Nov 2020 12:44

Instrument :

MSVOA_X

ClientSampleId :

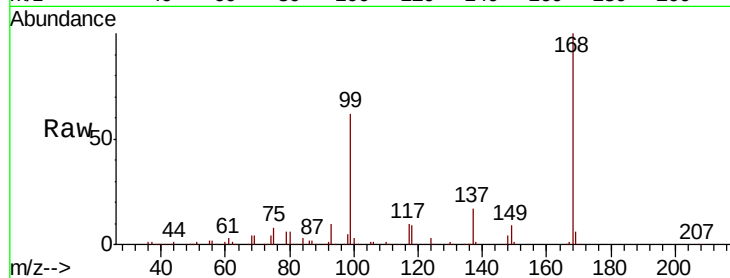
TB

Tot Ion:168 Resp: 305208

Ion Ratio Lower Upper

168 100

99 61.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

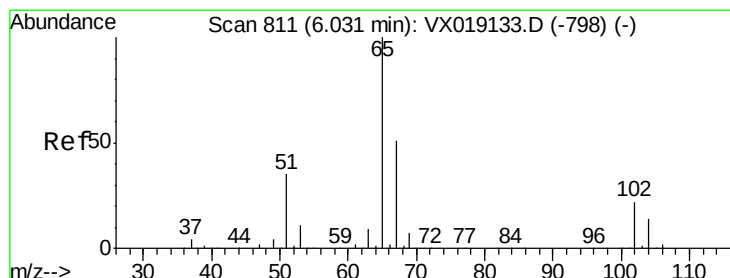
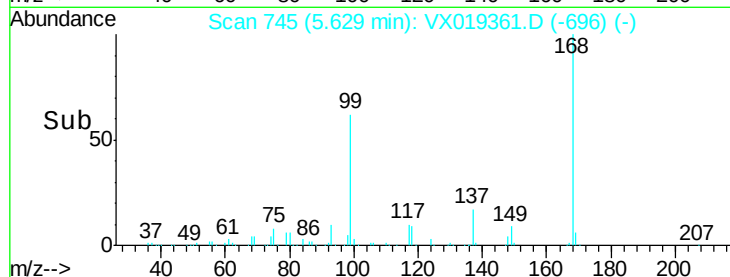
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.815 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019361.D

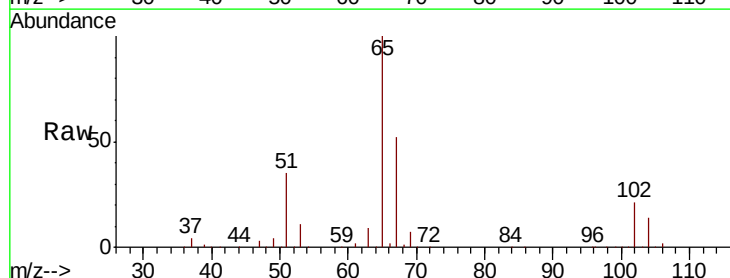
Acq: 09 Nov 2020 12:44

Tgt Ion: 65 Resp: 207880

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

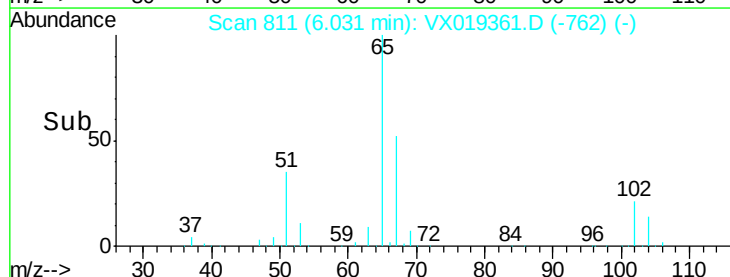
60000

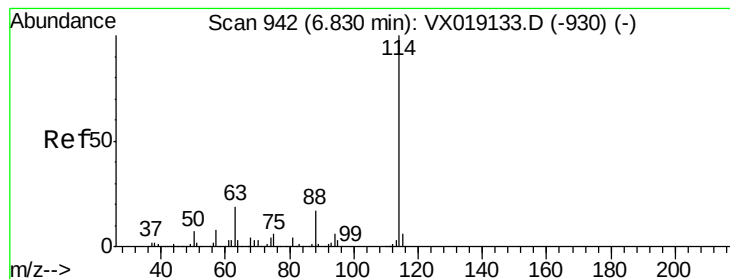
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019361.D

Acq: 09 Nov 2020 12:44

Instrument :

MSVOA_X

ClientSampleId :

TB

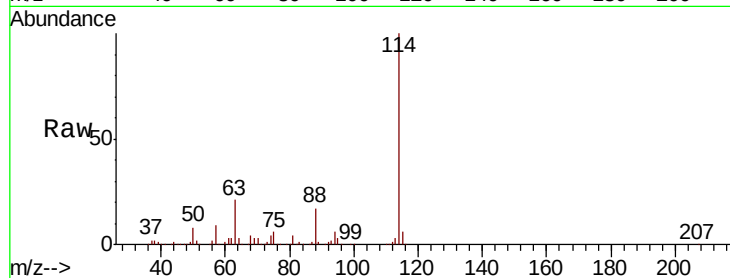
Tot Ion:114 Resp: 531025

Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.8

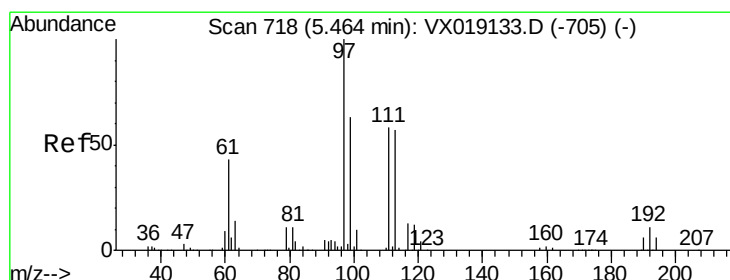
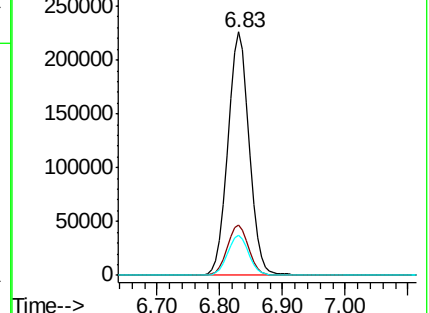
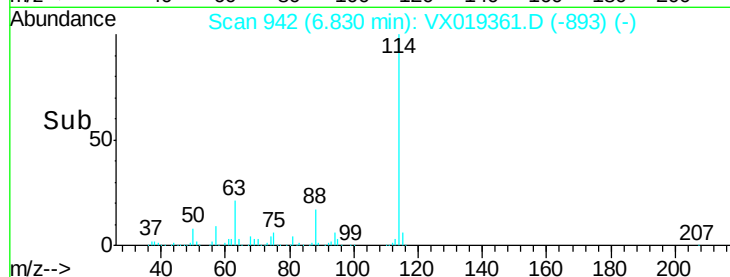
88 16.7 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.913 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019361.D

Acq: 09 Nov 2020 12:44

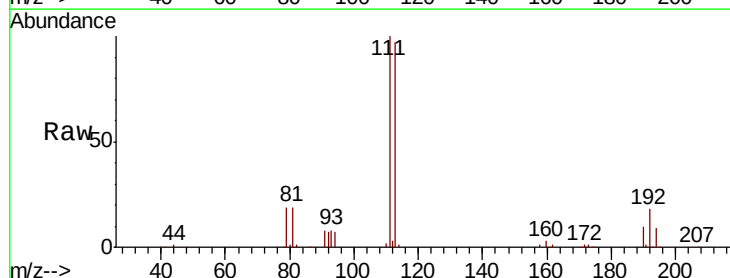
Tgt Ion:113 Resp: 163152

Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

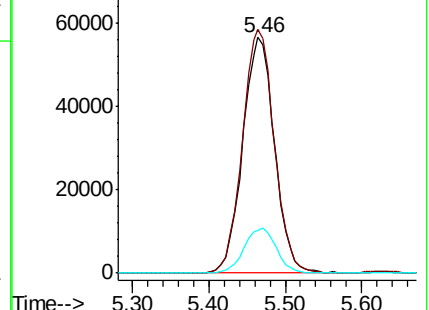
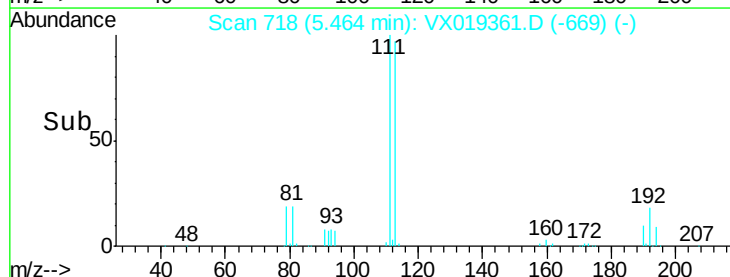
192 19.2 16.2 24.2

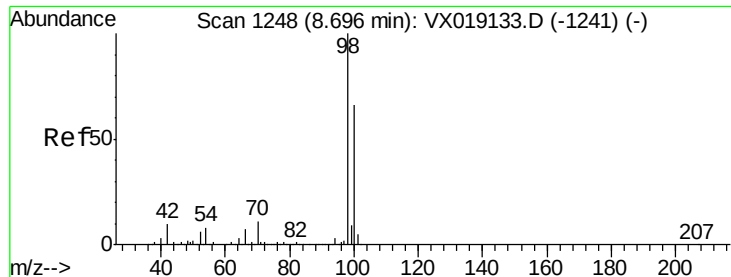


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

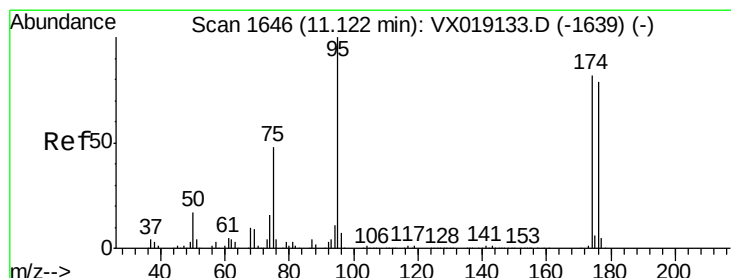
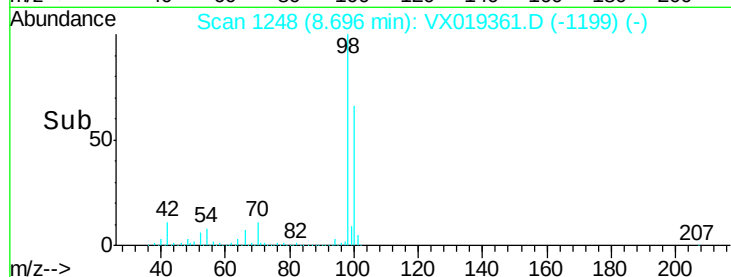
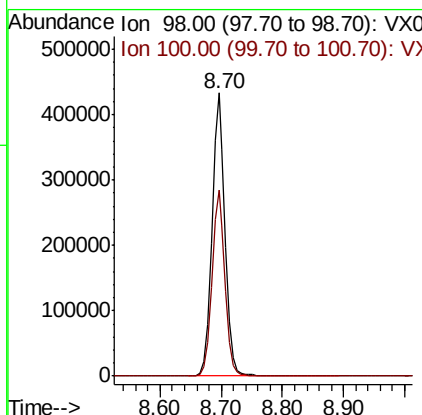
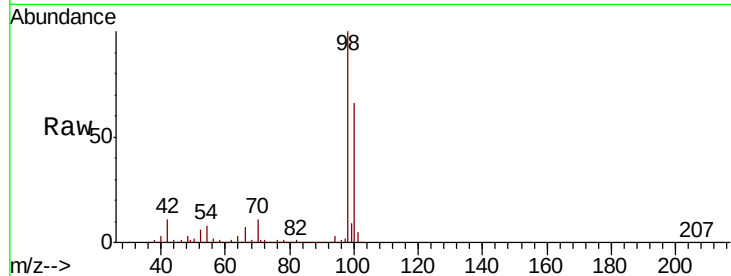




#50
Toluene-d8
Concen: 52.099 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019361.D
Acq: 09 Nov 2020 12:44

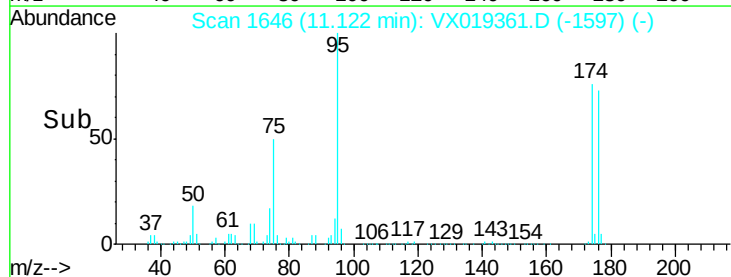
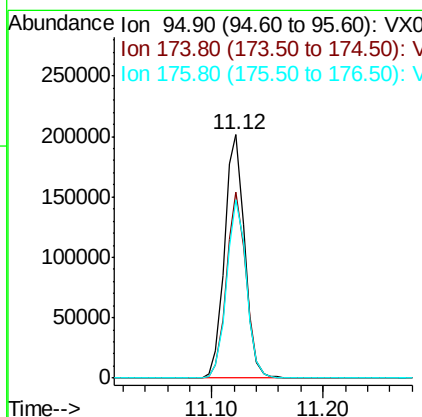
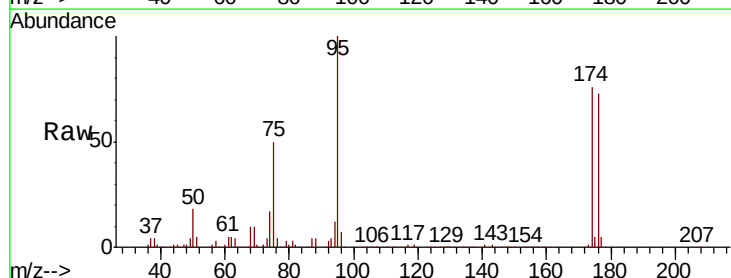
Instrument :
MSVOA_X
ClientSampleId :
TB

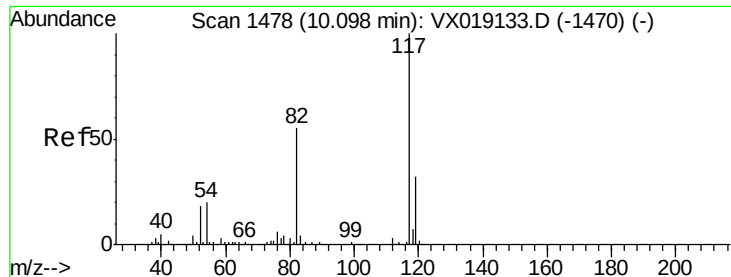
Tot Ion: 98 Resp: 655091
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 52.826 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019361.D
Acq: 09 Nov 2020 12:44

Tgt Ion: 95 Resp: 251546
Ion Ratio Lower Upper
95 100
174 74.3 0.0 156.0
176 72.0 0.0 149.8

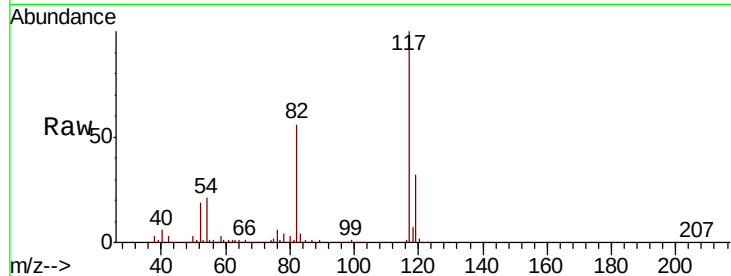




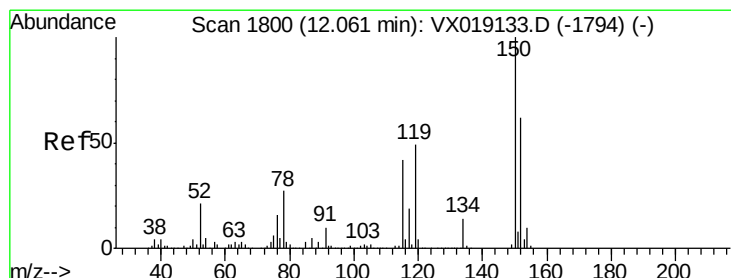
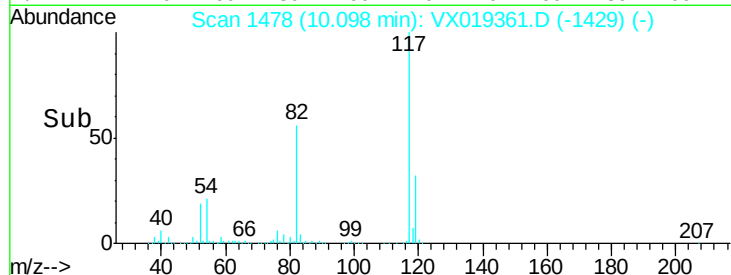
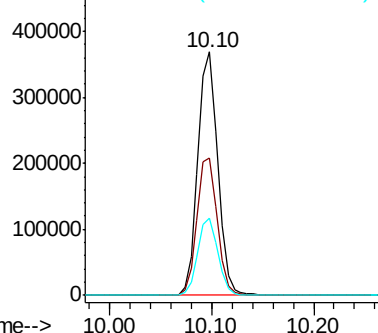
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019361.D
Acq: 09 Nov 2020 12:44

Instrument :
MSVOA_X
ClientSampleId :
TB

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.6	65.4
119	31.6	25.5	38.3

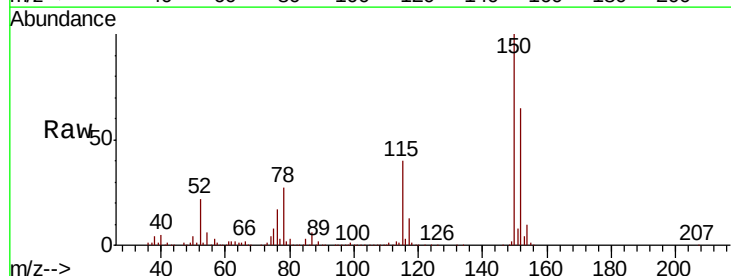


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019361.D
Acq: 09 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.9	125.7
150	155.7	0.0	347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

