

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011579.D
 Acq On : 16 Aug 2019 14:27
 Operator : JC/SP
 Sample : K4368-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-TB-2019-2

Quant Time: Aug 19 01:54:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	432745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	608539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	528331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	209248	52.14	ug/l	0.00
Spiked Amount						
			Recovery	=	104.28%	
35) Dibromofluoromethane	5.49	113	180930	45.46	ug/l	0.00
Spiked Amount						
			Recovery	=	90.92%	
50) Toluene-d8	8.71	98	691474	55.76	ug/l	0.00
Spiked Amount						
			Recovery	=	111.52%	
62) 4-Bromofluorobenzene	11.13	95	238210	45.51	ug/l	0.00
Spiked Amount						
			Recovery	=	91.02%	

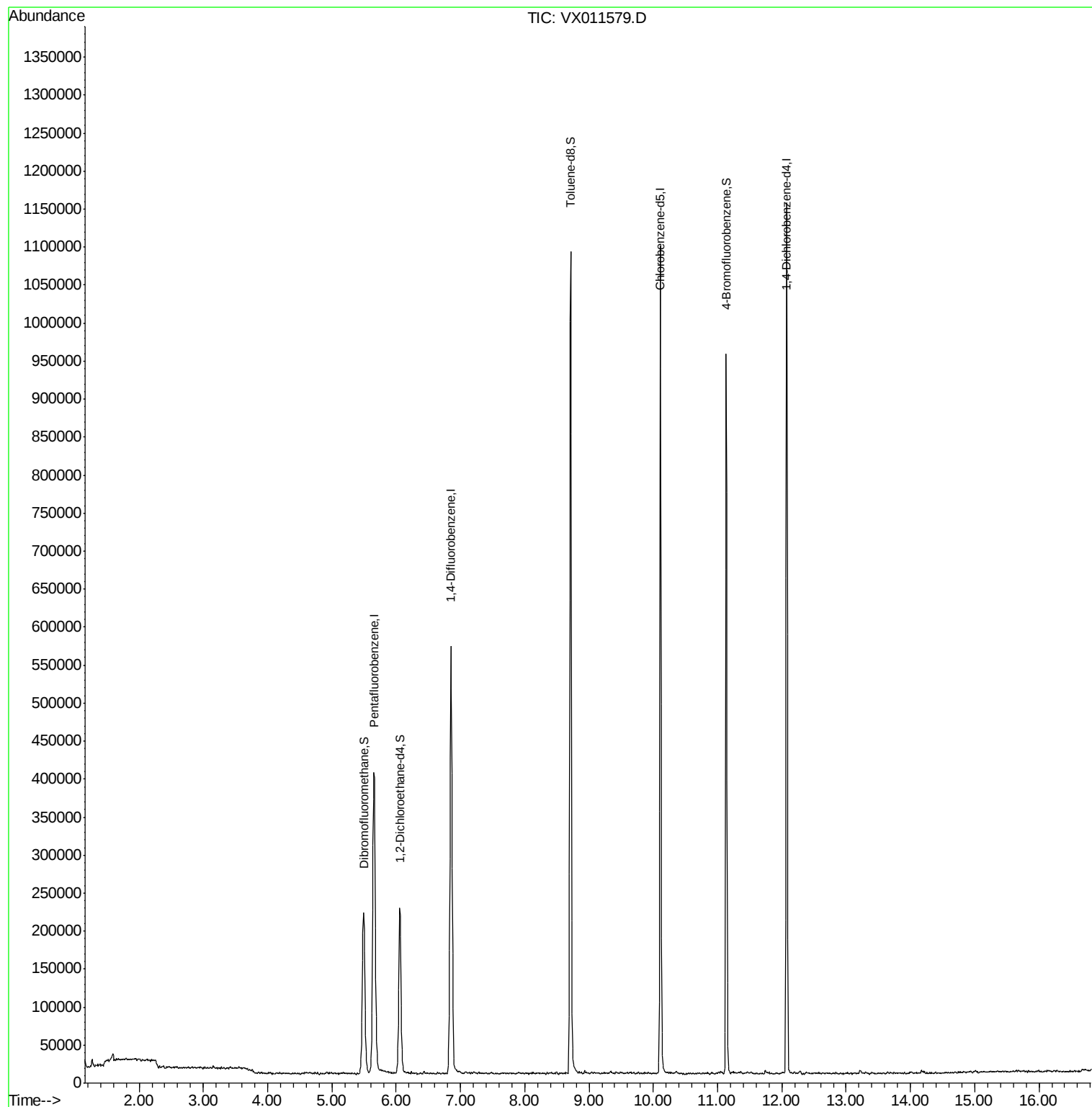
Target Compounds	Qvalue
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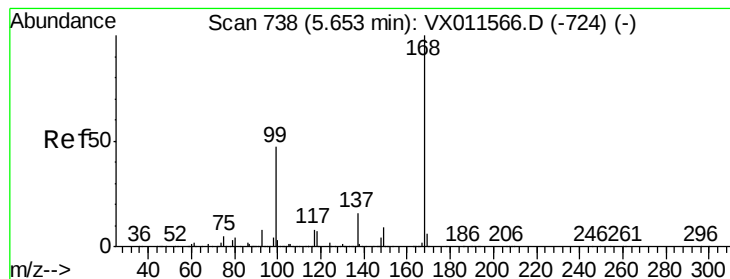
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011579.D

Acq: 16 Aug 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

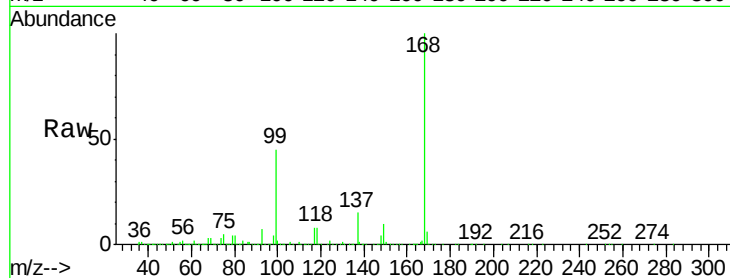
PH2-TB-2019-2

Tot Ion:168 Resp: 432745

Ion Ratio Lower Upper

168 100

99 45.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

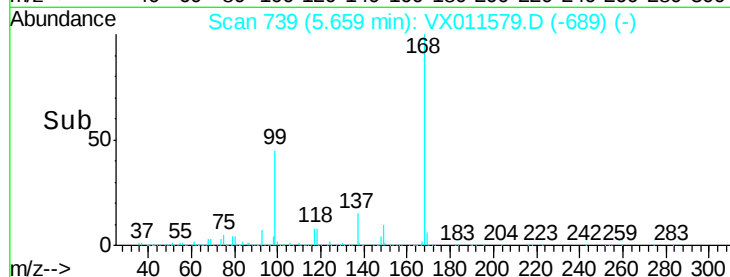
150000

100000

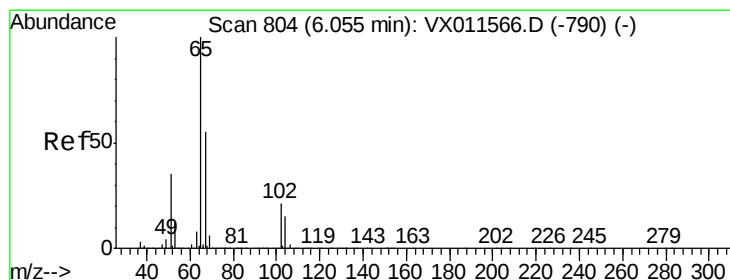
50000

0

5.50 5.60 5.70 5.80



Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.141 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011579.D

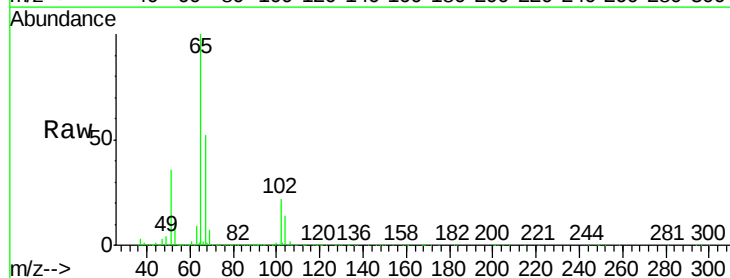
Acq: 16 Aug 2019 14:27

Tgt Ion: 65 Resp: 209248

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

80000

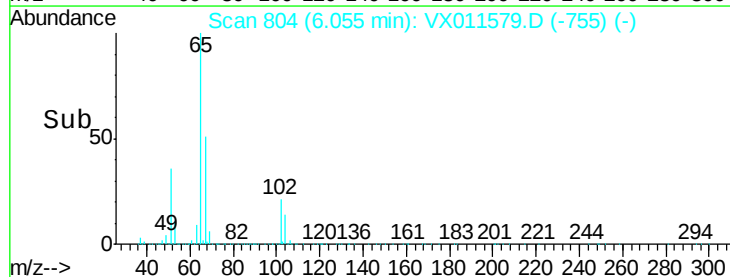
60000

40000

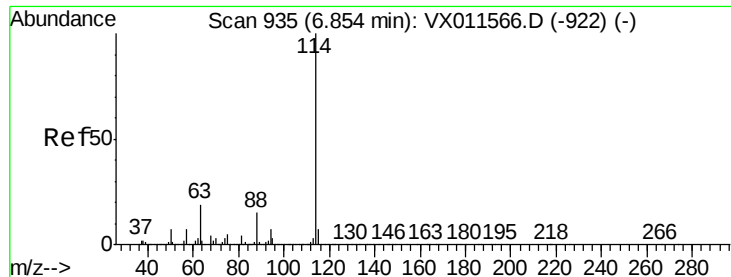
20000

0

5.90 6.00 6.10 6.20



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011579.D

Acq: 16 Aug 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

PH2-TB-2019-2

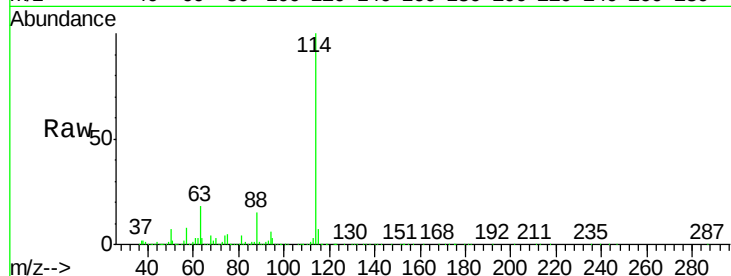
Tot Ion:114 Resp: 608539

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

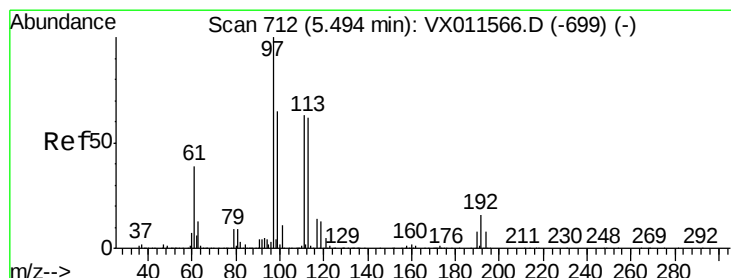
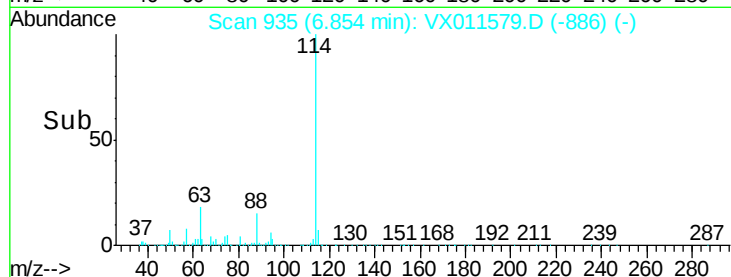
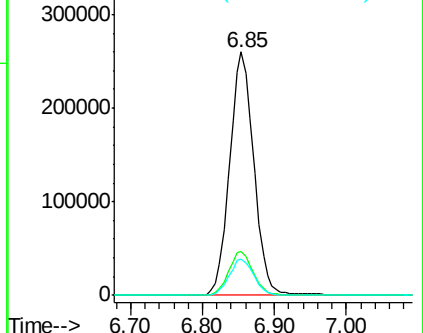
88 14.9 0.0 30.2



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: 45.457 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011579.D

Acq: 16 Aug 2019 14:27

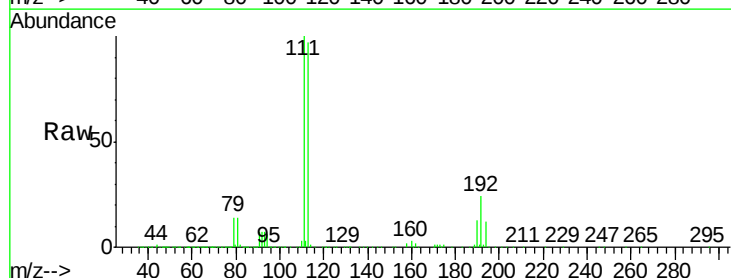
Tgt Ion:113 Resp: 180930

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

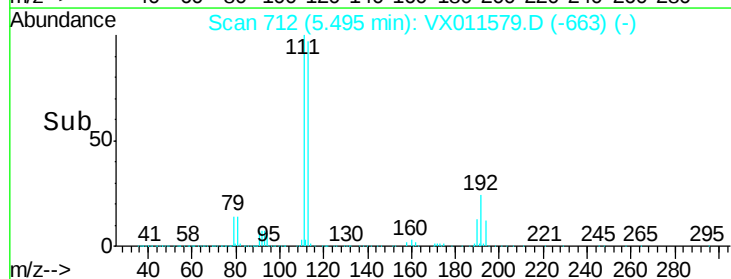
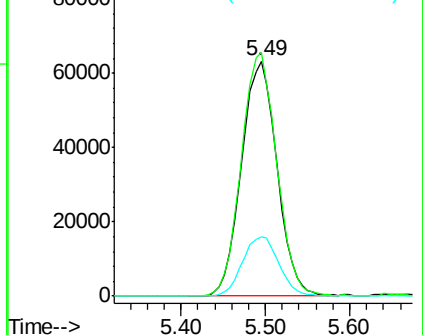
192 25.9 20.8 31.2

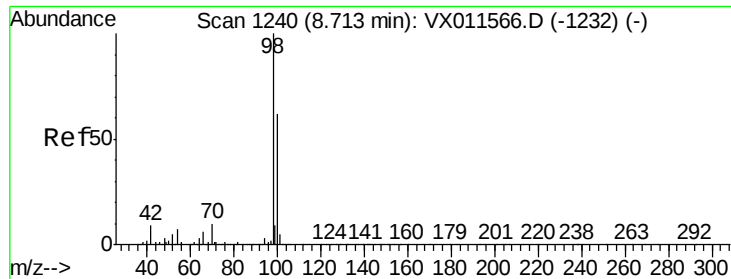


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

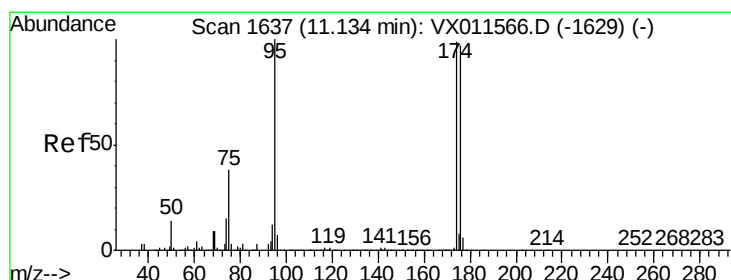
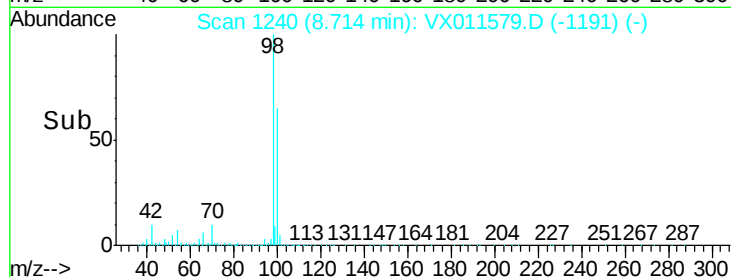
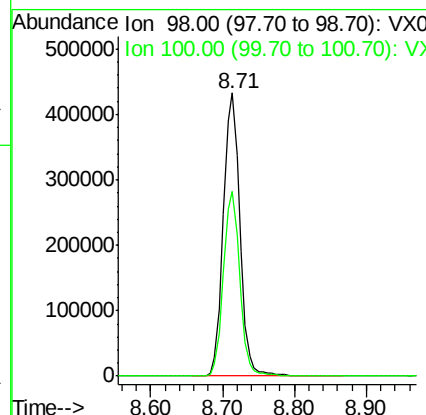
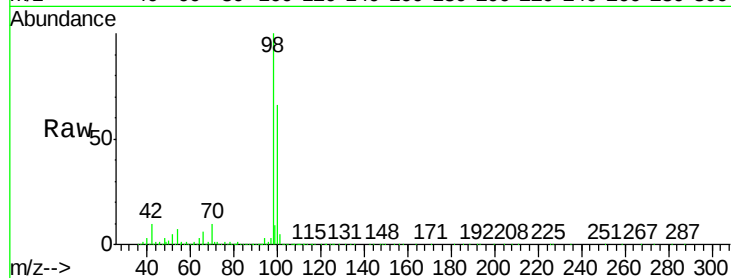




#50
Toluene-d8
Concen: 55.755 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011579.D
Acq: 16 Aug 2019 14:27

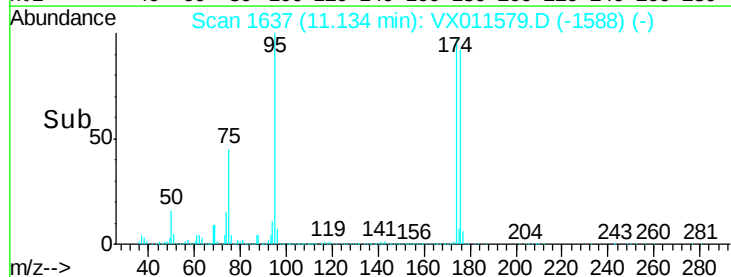
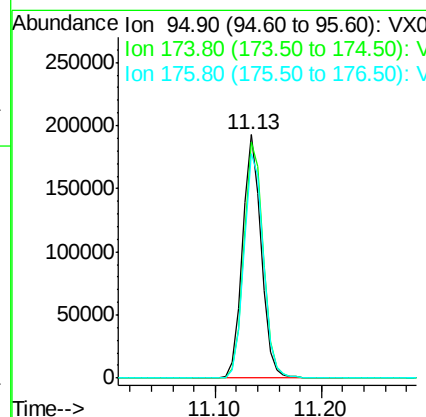
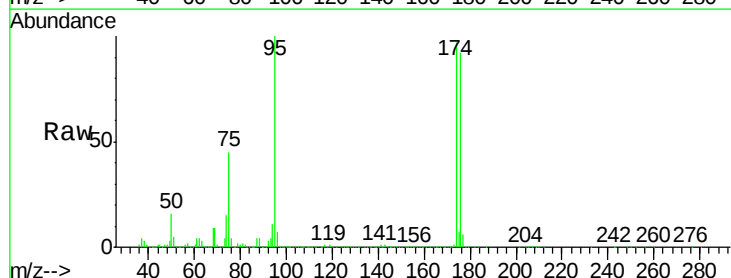
Instrument :
MSVOA_X
ClientSampleId :
PH2-TB-2019-2

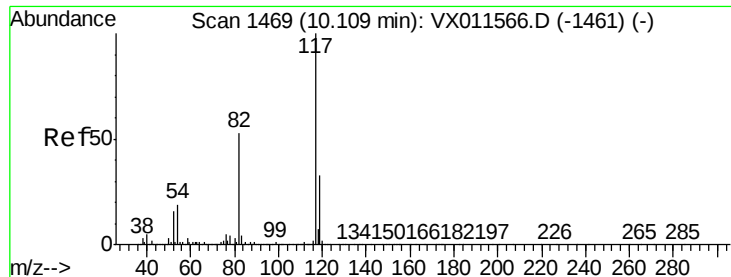
Tot Ion: 98 Resp: 691474
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.506 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011579.D
Acq: 16 Aug 2019 14:27

Tgt Ion: 95 Resp: 238210
Ion Ratio Lower Upper
95 100
174 100.2 0.0 200.6
176 96.4 0.0 196.6

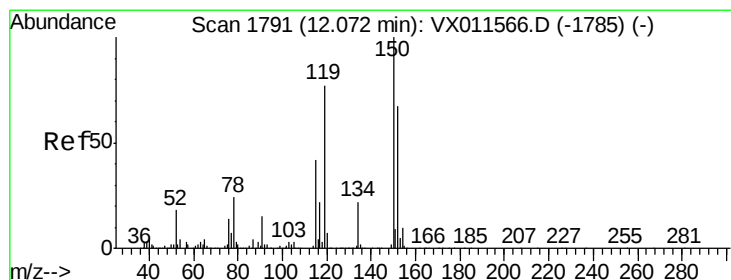
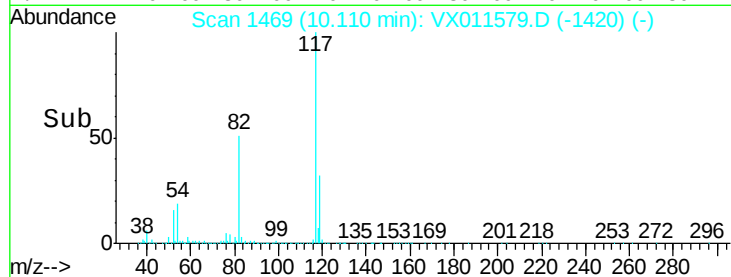
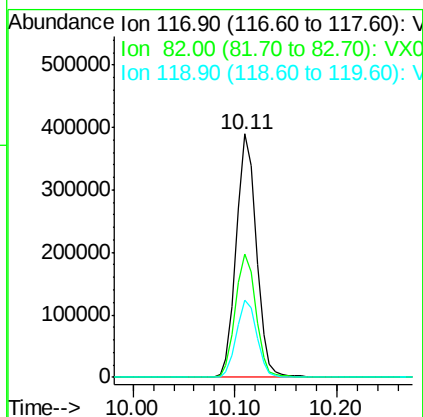
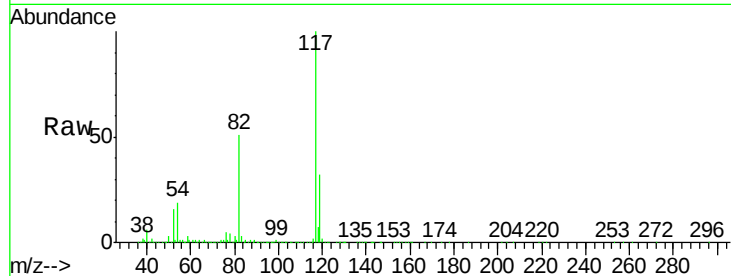




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011579.D
Acq: 16 Aug 2019 14:27

Instrument :
MSVOA_X
ClientSampled :
PH2-TB-2019-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.0	63.0
119	31.9	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011579.D
Acq: 16 Aug 2019 14:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	37.3	111.9
150	157.2	0.0	346.2

