

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011625.D
 Acq On : 19 Aug 2019 12:34
 Operator : JC/SP
 Sample : K4368-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0140

Quant Time: Aug 20 10:20:39 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	452502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	617707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	544656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266969	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212492	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	5.49	113	181512	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	8.71	98	668580	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	11.13	95	243253	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	

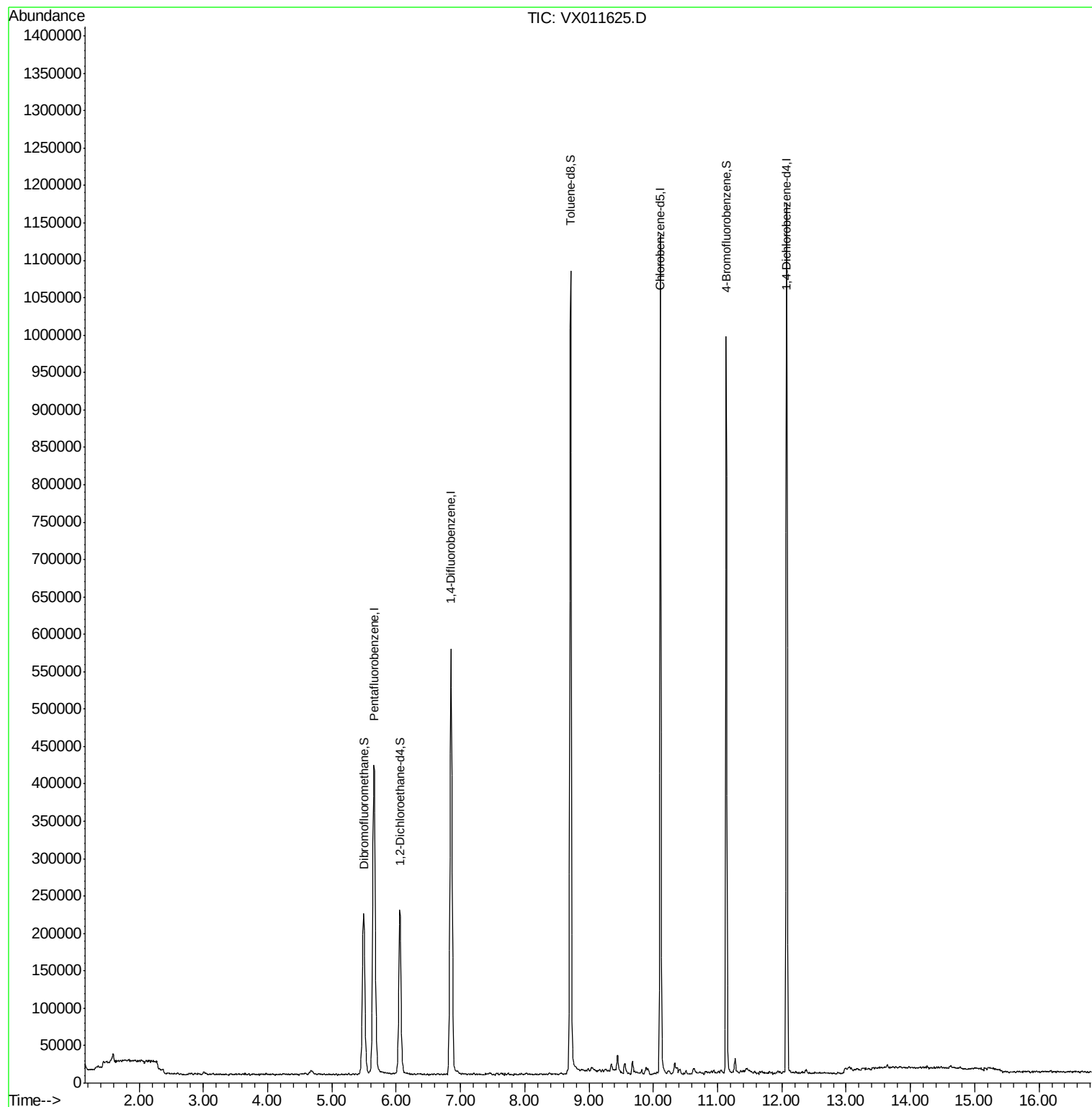
Target Compounds	Qvalue

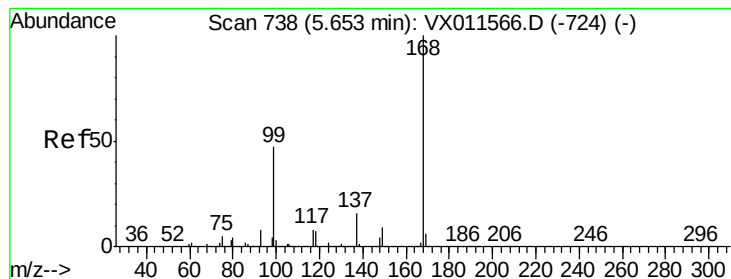
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011625.D

Acq: 19 Aug 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

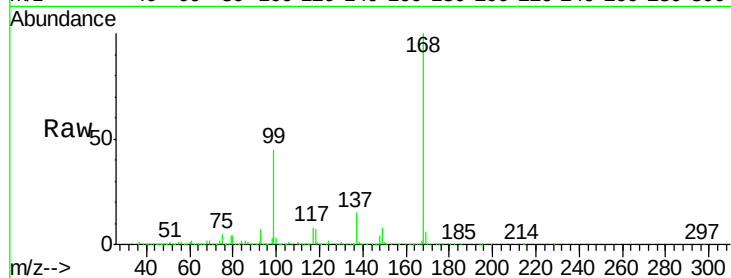
PH2-0140

Tot Ion:168 Resp: 452502

Ion Ratio Lower Upper

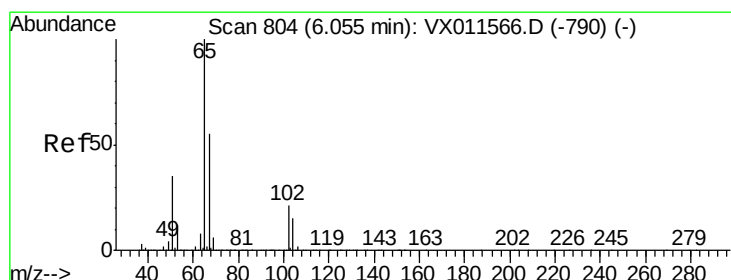
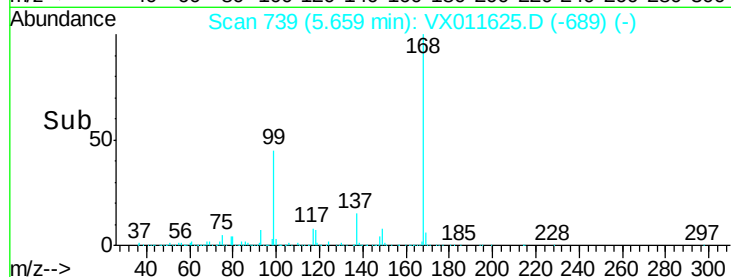
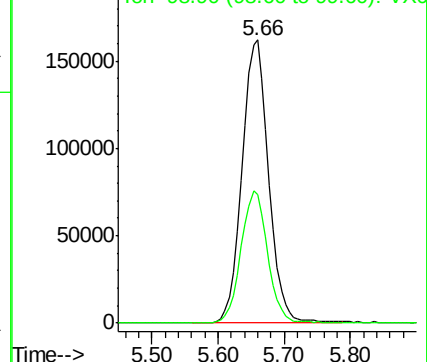
168 100

99 45.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.637 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011625.D

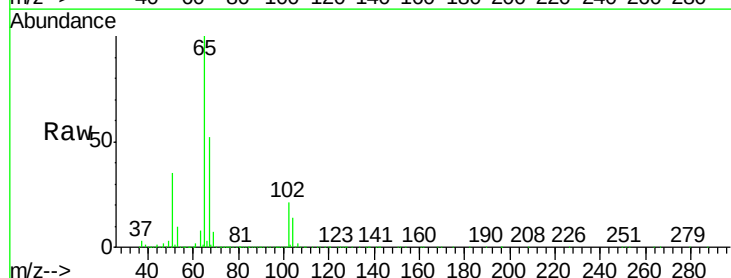
Acq: 19 Aug 2019 12:34

Tgt Ion: 65 Resp: 212492

Ion Ratio Lower Upper

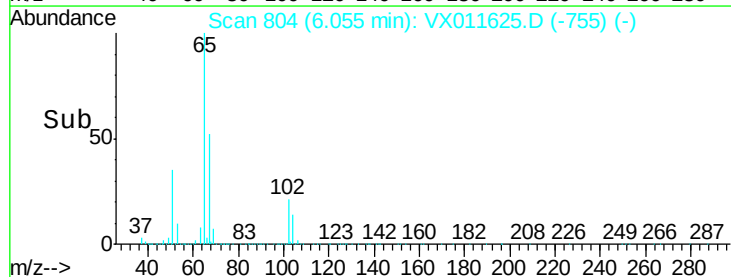
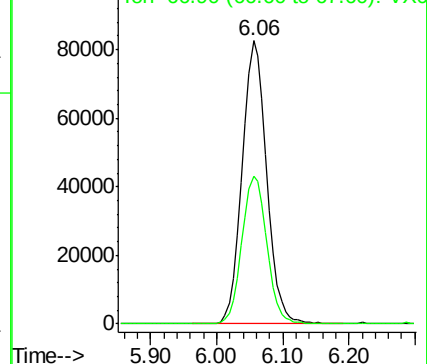
65 100

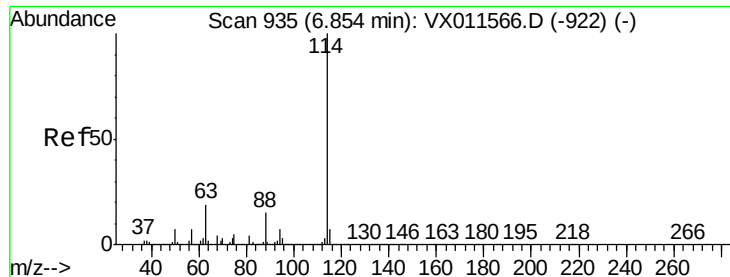
67 52.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

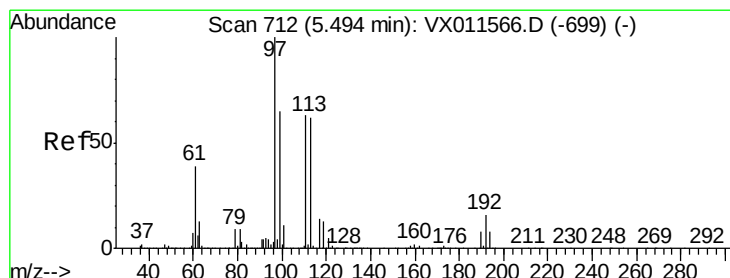
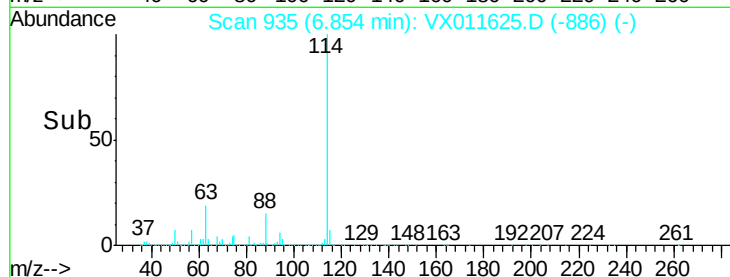
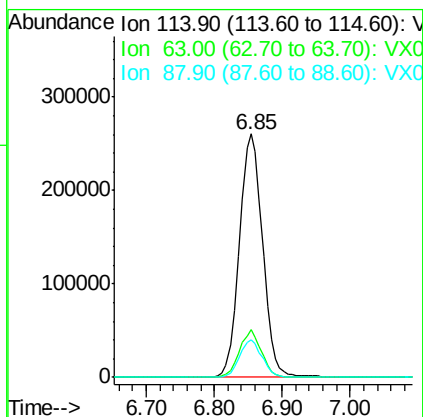
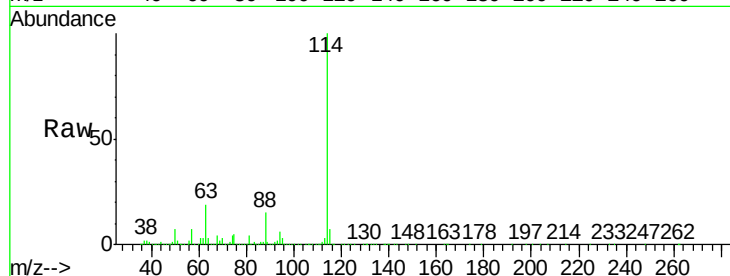




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011625.D
 Acq: 19 Aug 2019 12:34

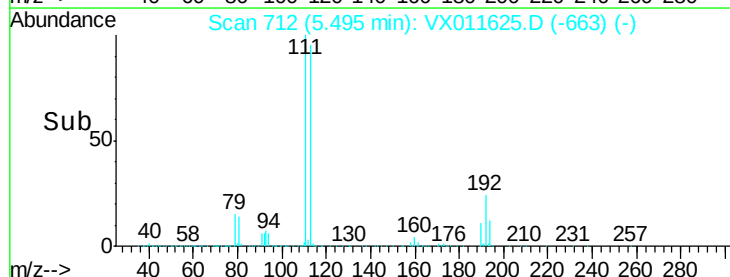
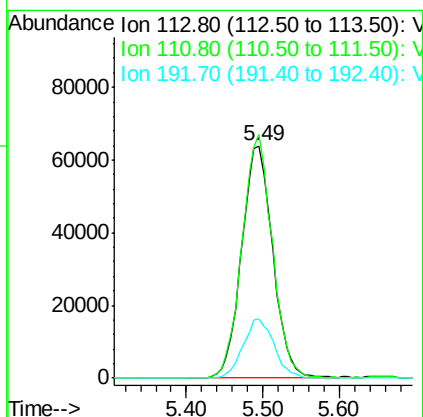
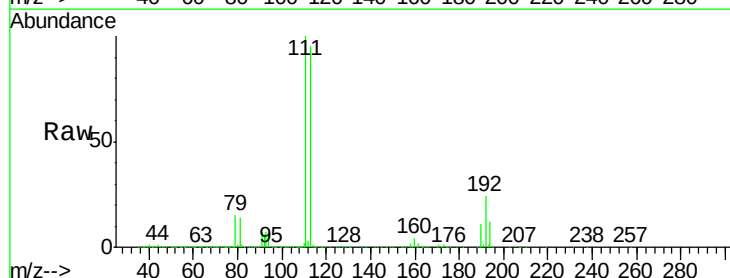
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0140

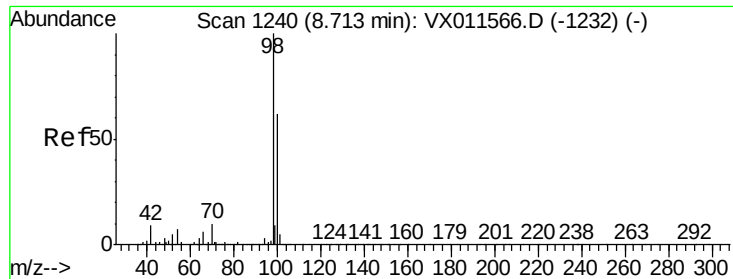
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.8
88	15.4	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 44.927 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011625.D
 Acq: 19 Aug 2019 12:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	25.2	20.8	31.2

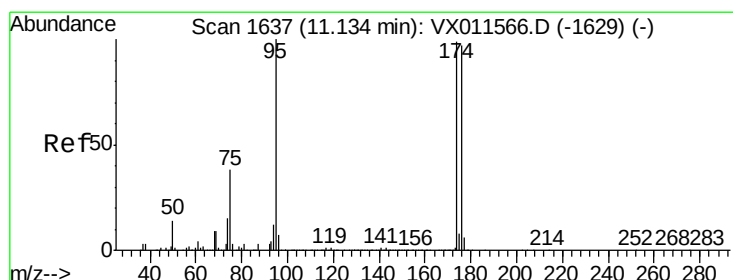
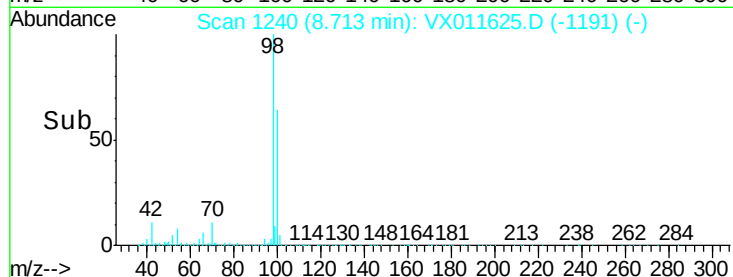
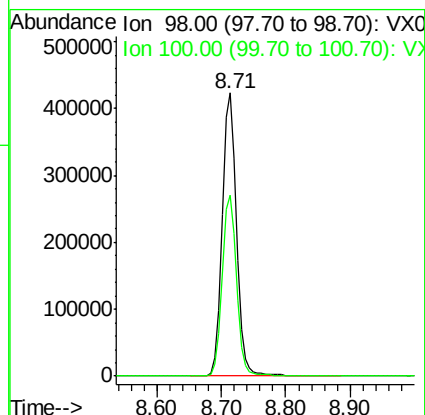
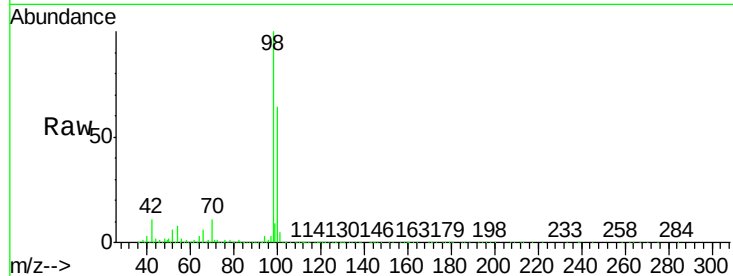




#50
Toluene-d8
Concen: 53.109 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011625.D
Acq: 19 Aug 2019 12:34

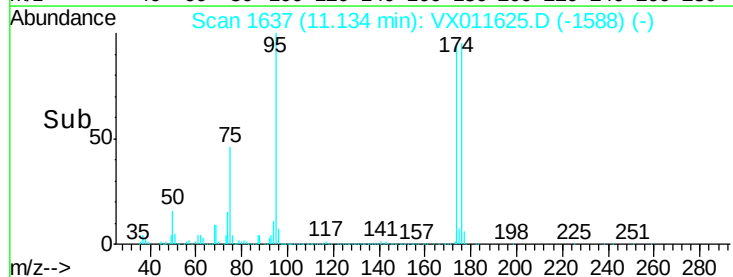
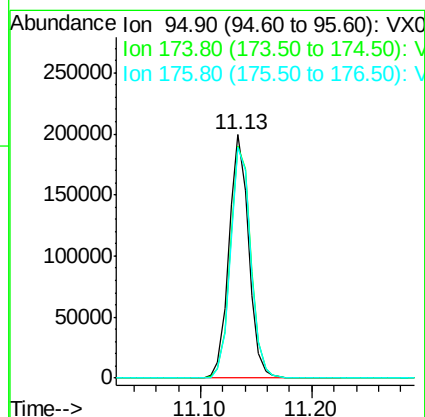
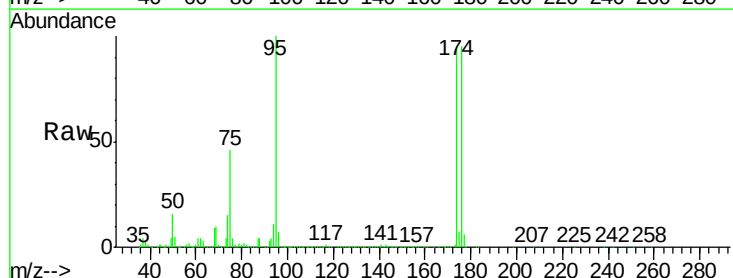
Instrument :
MSVOA_X
ClientSampleId :
PH2-0140

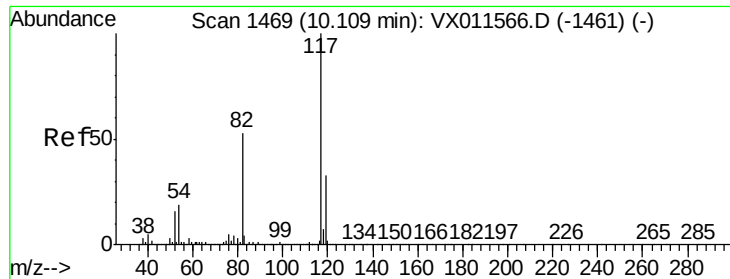
Tot Ion: 98 Resp: 668580
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.780 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011625.D
Acq: 19 Aug 2019 12:34

Tgt Ion: 95 Resp: 243253
Ion Ratio Lower Upper
95 100
174 99.0 0.0 200.6
176 97.3 0.0 196.6

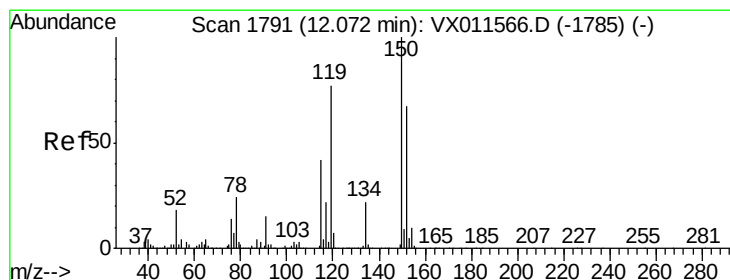
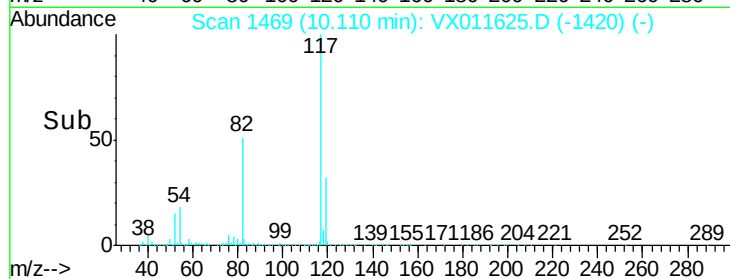
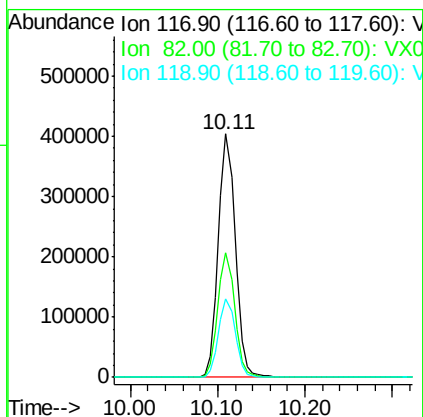
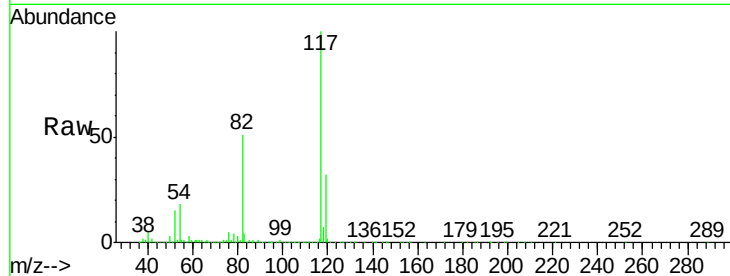




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011625.D
Acq: 19 Aug 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
PH2-0140

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.0	63.0
119	32.2	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011625.D
Acq: 19 Aug 2019 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	37.3	111.9
150	157.2	0.0	346.2

