

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012394.D
 Acq On : 13 Sep 2019 18:42
 Operator : SY/SP
 Sample : K4694-02
 Misc : 2.34g/5.0mL/MSVOA X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-1-(0)

Quant Time: Sep 14 00:48:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	276584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	73253	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	107265	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
35) Dibromofluoromethane	5.48	113	82518	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
50) Toluene-d8	8.71	98	313967	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	100164	34.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.48%	

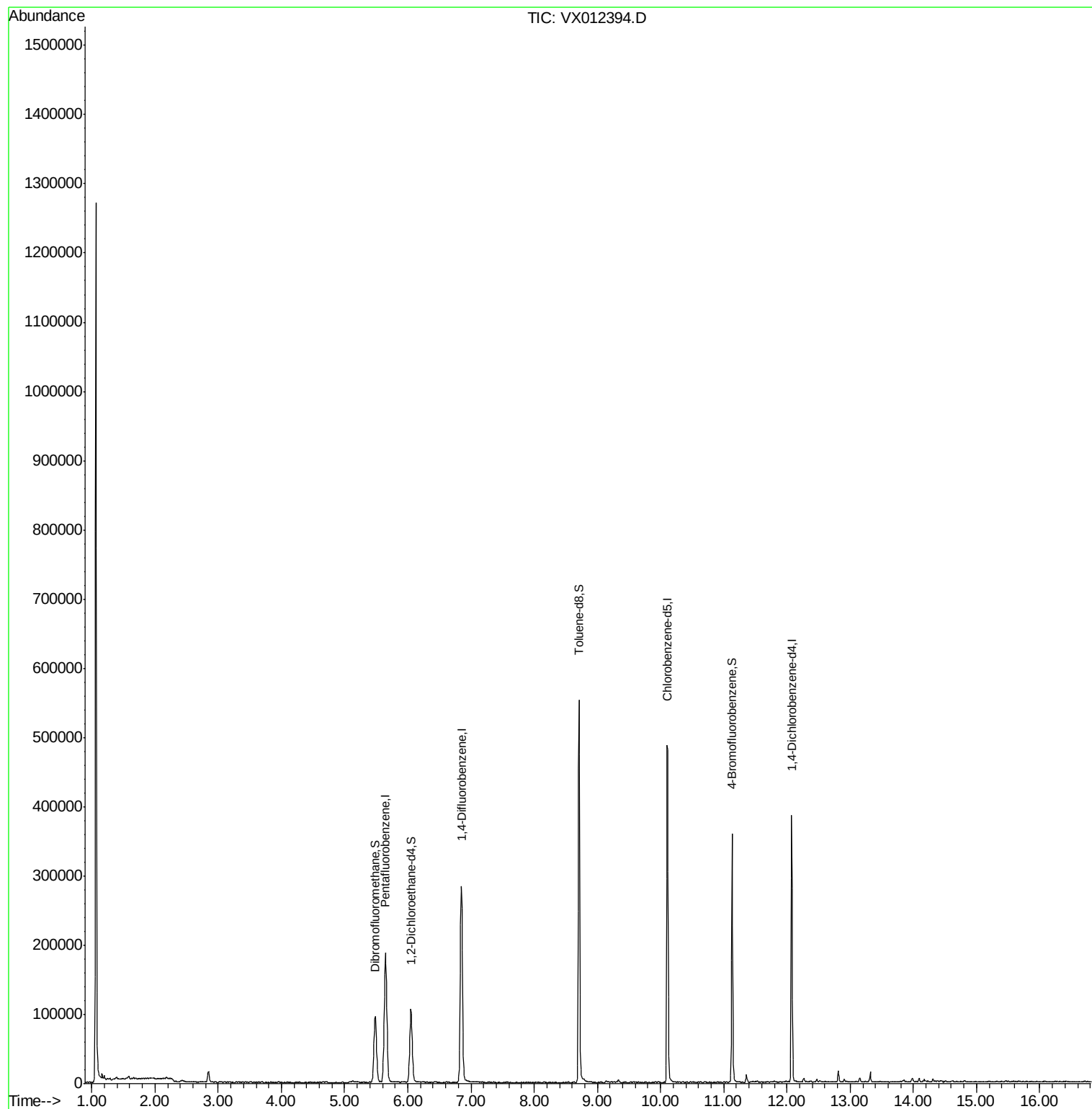
Target Compounds	Qvalue
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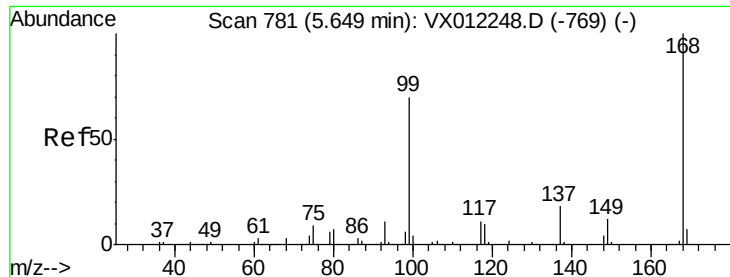
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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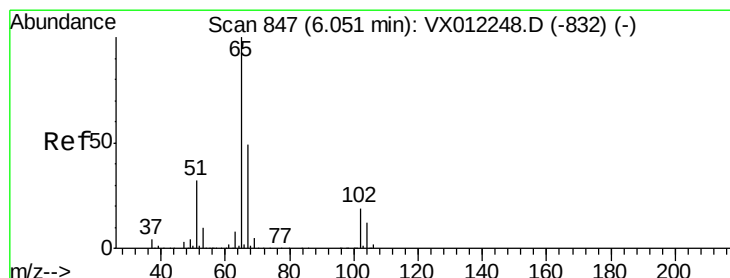
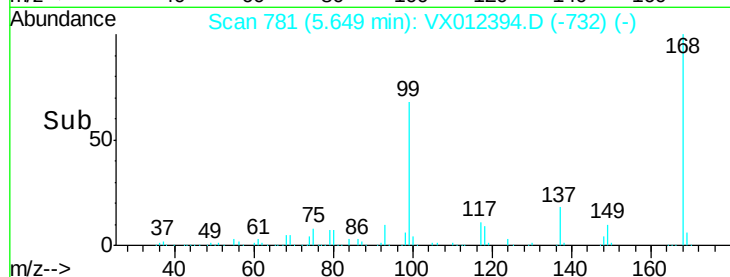
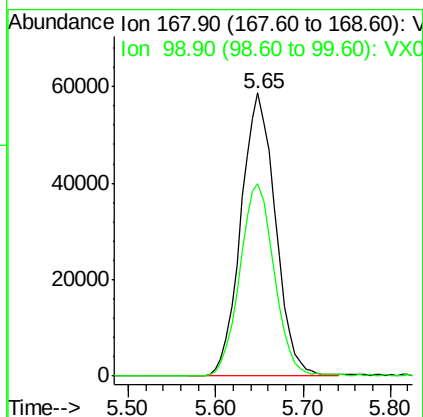
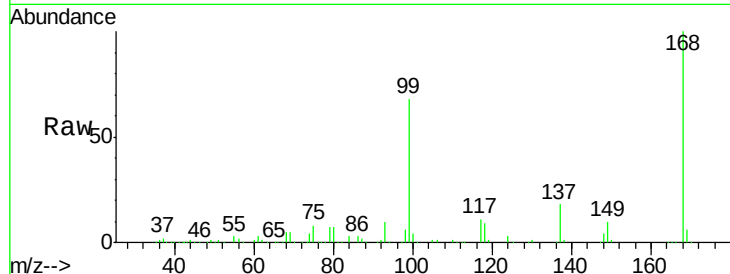




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012394.D
Acq: 13 Sep 2019 18:42

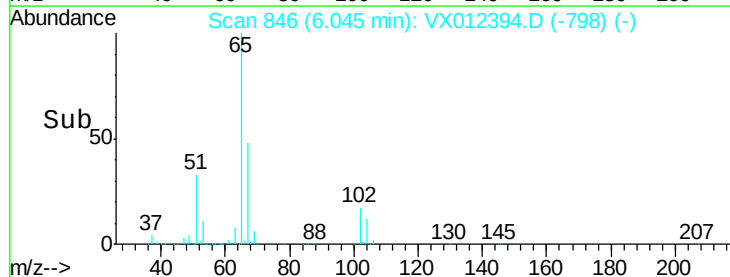
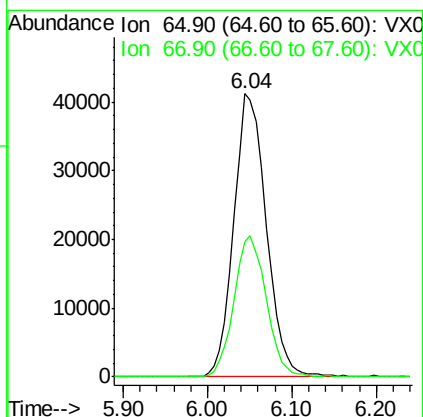
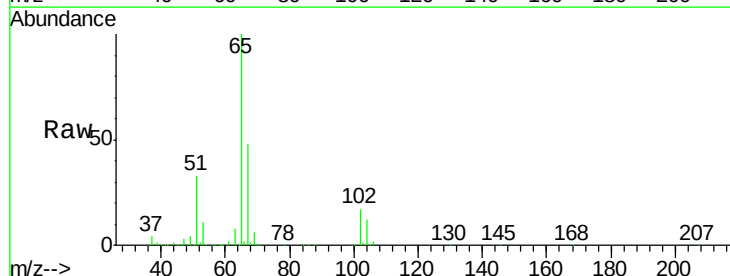
Instrument :
MSVOA_X
ClientSampleId :
T1-1-(0)

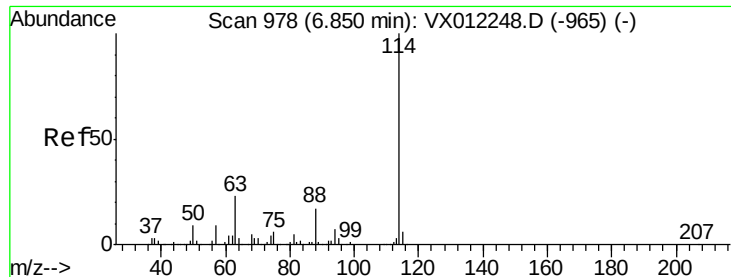
Tot Ion:168 Resp: 161053
Ion Ratio Lower Upper
168 100
99 67.8 55.8 83.6



#33
1,2-Dichloroethane-d4
Concen: 47.109 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX012394.D
Acq: 13 Sep 2019 18:42

Tgt Ion: 65 Resp: 107265
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.8

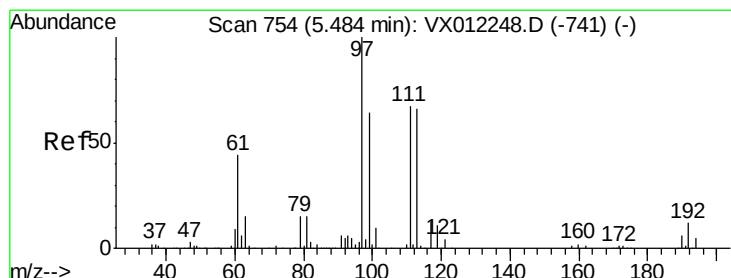
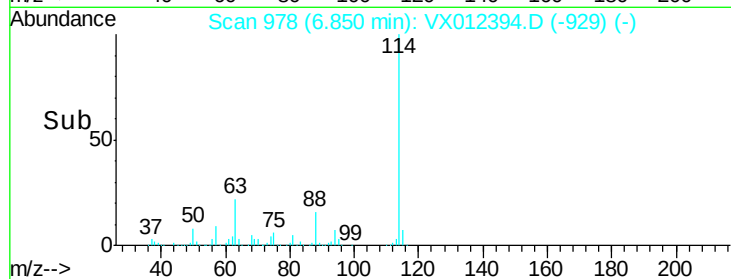
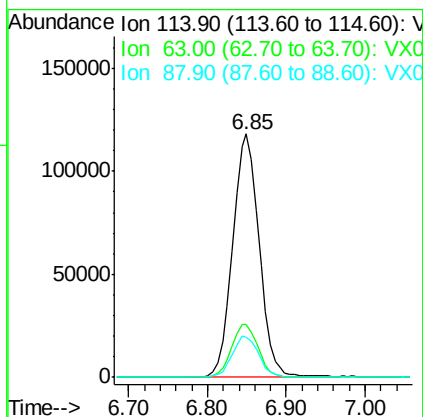
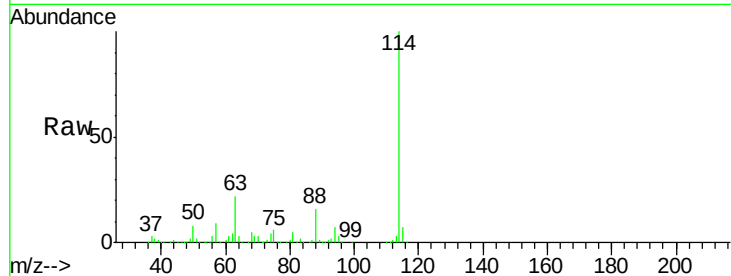




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012394.D
 Acq: 13 Sep 2019 18:42

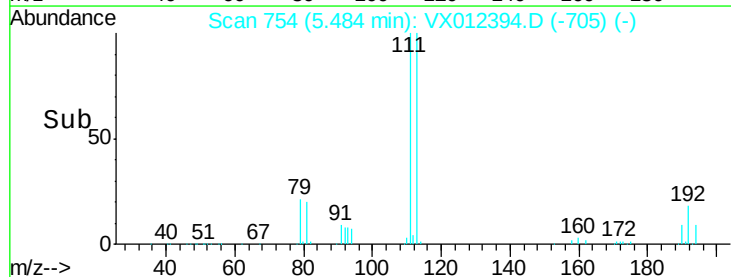
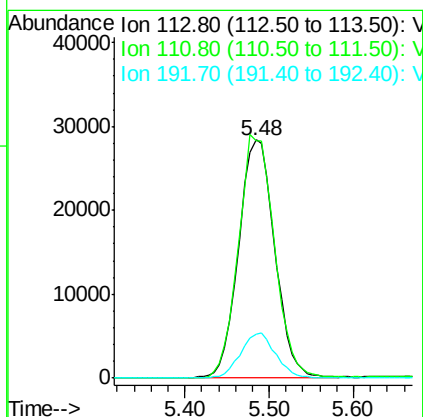
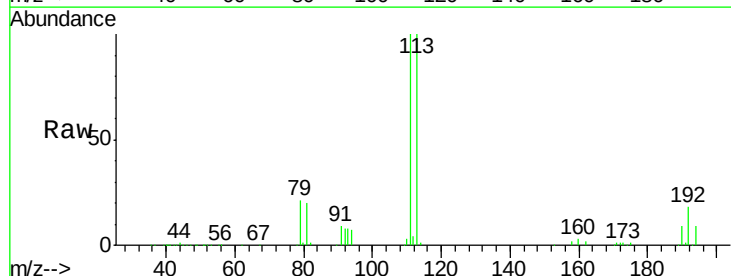
Instrument :
 MSVOA_X
 ClientSampleId :
 T1-1-(0)

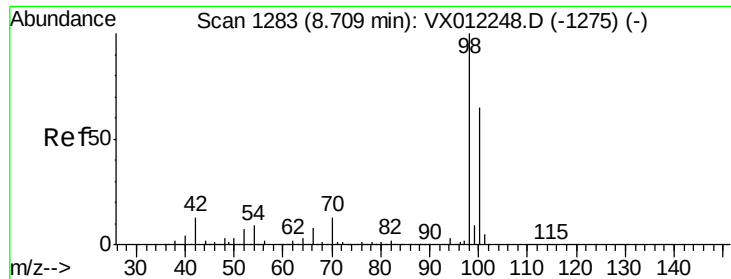
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	45.2
88	16.3	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 46.541 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012394.D
 Acq: 13 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.6
192	18.3	14.3	21.5





#50

Toluene-d8

Concen: 50.488 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012394.D

Acq: 13 Sep 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

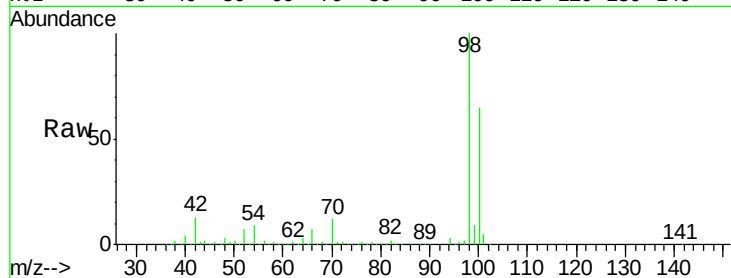
T1-1-(0)

Tot Ion: 98 Resp: 313967

Ion Ratio Lower Upper

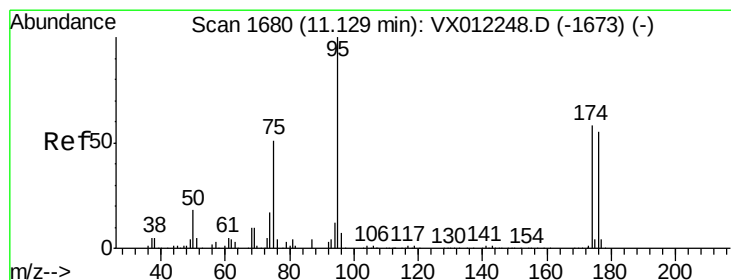
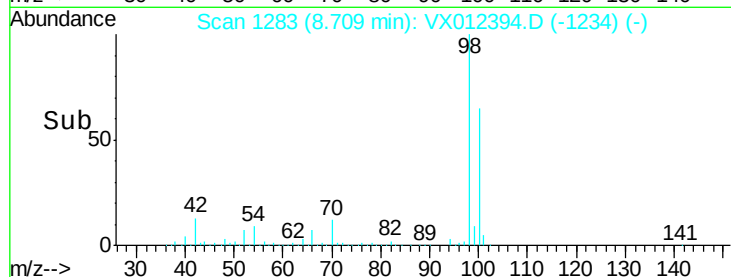
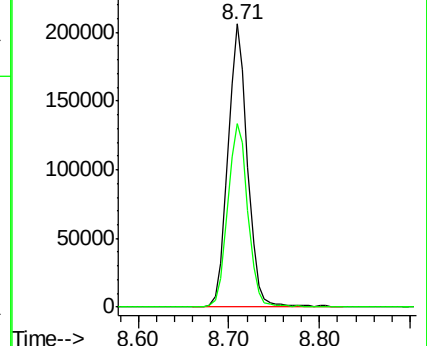
98 100

100 66.7 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 34.743 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012394.D

Acq: 13 Sep 2019 18:42

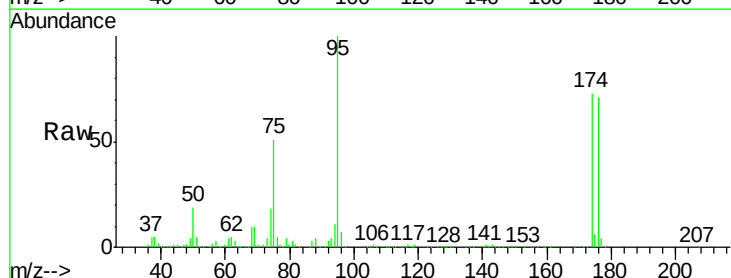
Tgt Ion: 95 Resp: 100164

Ion Ratio Lower Upper

95 100

174 69.2 0.0 127.0

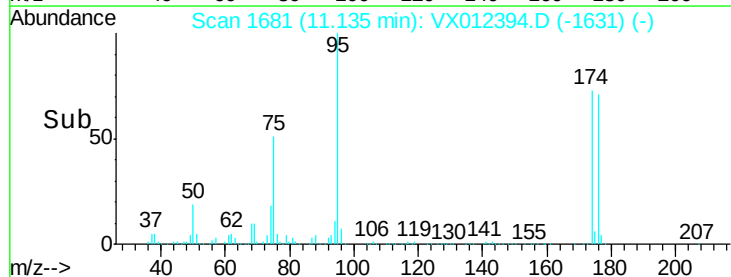
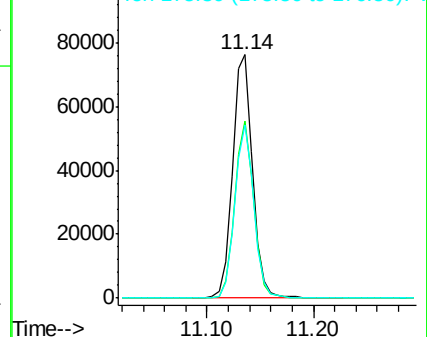
176 67.9 0.0 125.8

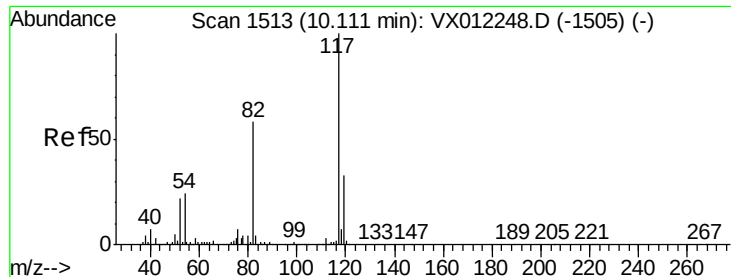


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

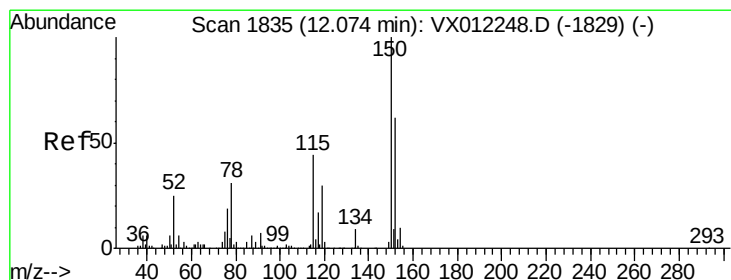
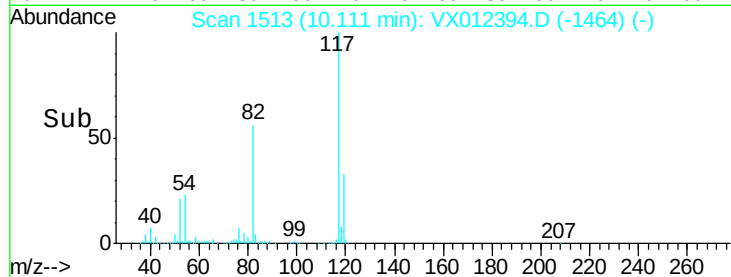
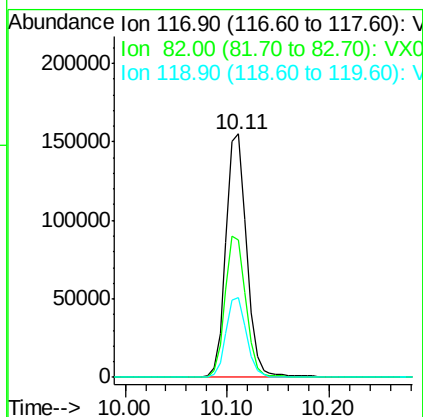
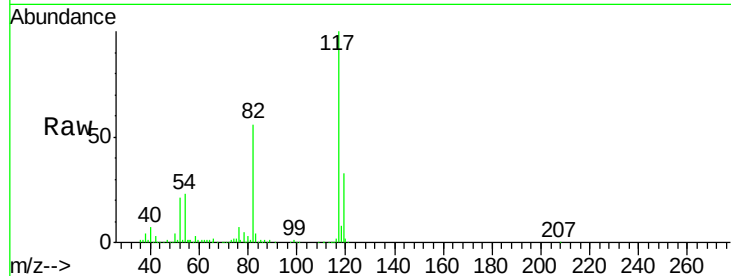




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012394.D
Acq: 13 Sep 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
T1-1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.4	69.6
119	32.6	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012394.D
Acq: 13 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	45.5	136.4
150	154.5	0.0	346.4

