

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012907.D
 Acq On : 08 Oct 2019 23:16
 Operator : JC/SP
 Sample : K5154-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-10032019

Quant Time: Oct 09 04:23:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	111620	51.77	ug/l	0.00
Spiked Amount						
			Recovery	=	103.54%	
35) Dibromofluoromethane	5.49	113	84956	51.37	ug/l	0.00
Spiked Amount						
			Recovery	=	102.74%	
50) Toluene-d8	8.71	98	342000	53.03	ug/l	0.00
Spiked Amount						
			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	11.14	95	117729	46.98	ug/l	0.00
Spiked Amount						
			Recovery	=	93.96%	

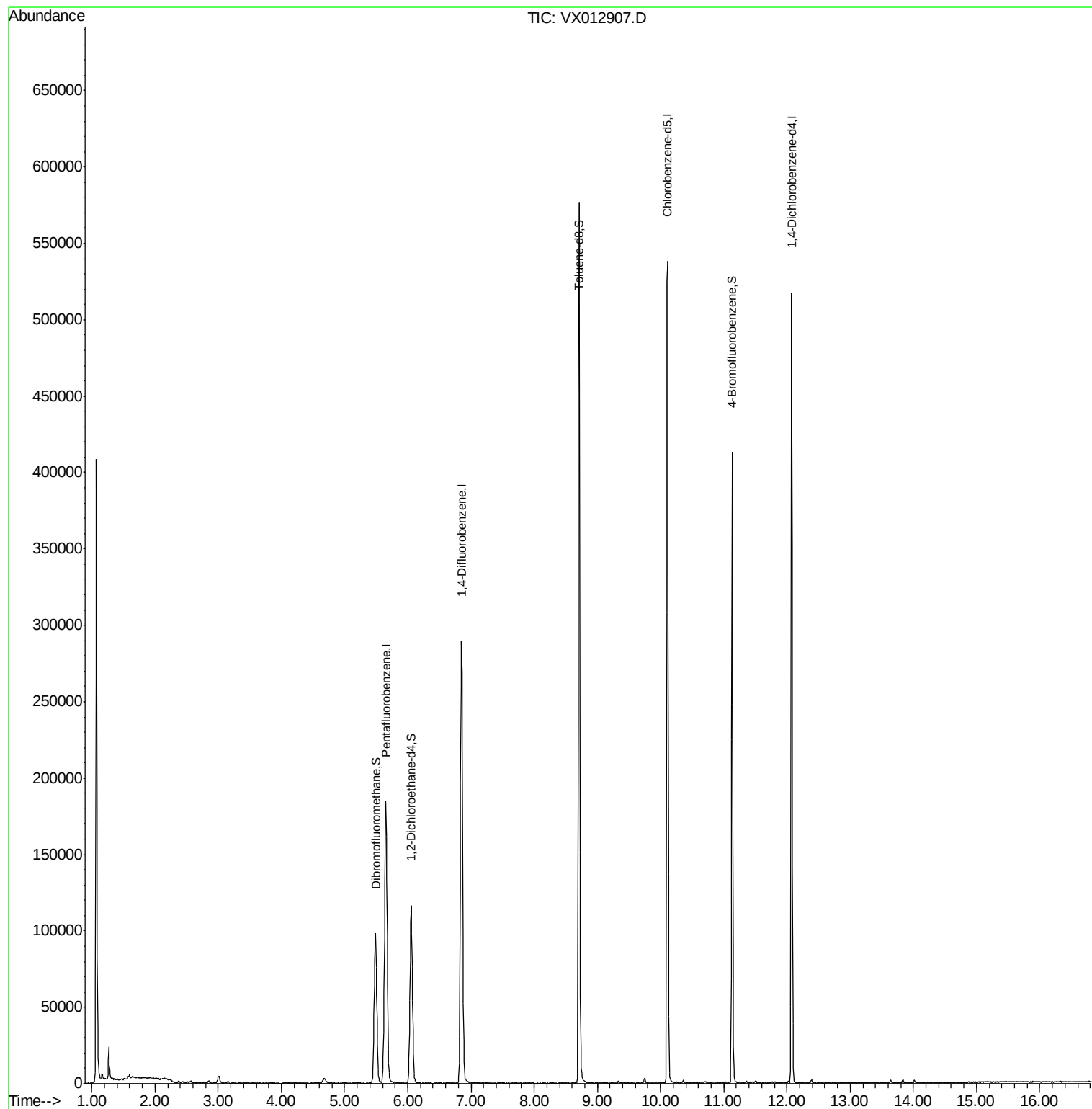
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012907.D

Acq: 08 Oct 2019 23:16

Instrument :

MSVOA_X

ClientSampleId :

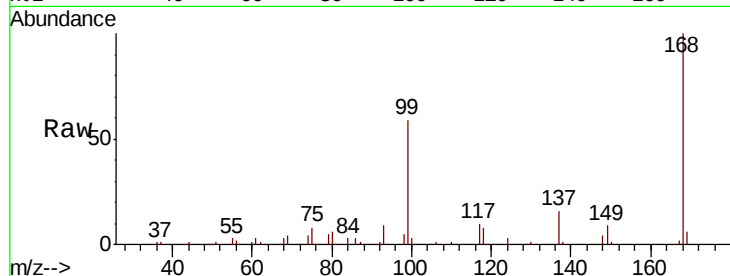
TB-10032019

Tot Ion:168 Resp: 172502

Ion Ratio Lower Upper

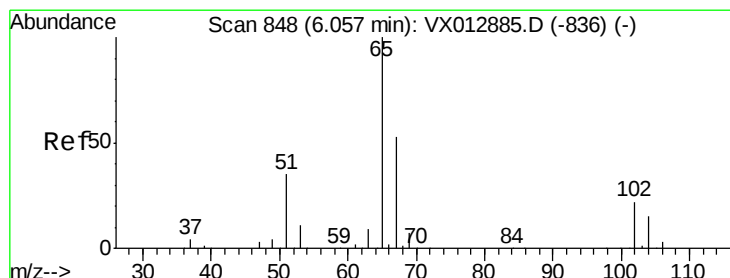
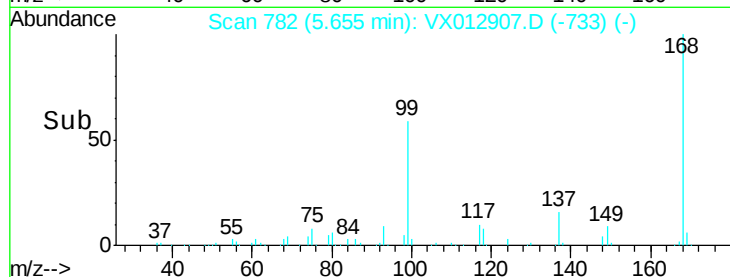
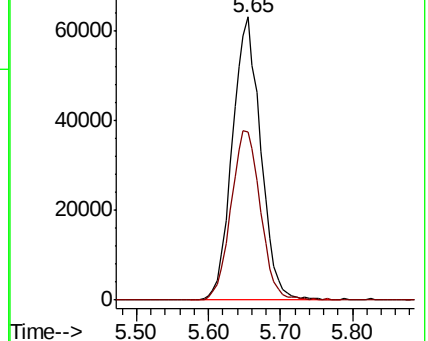
168 100

99 59.2 49.4 74.0



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: 51.770 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012907.D

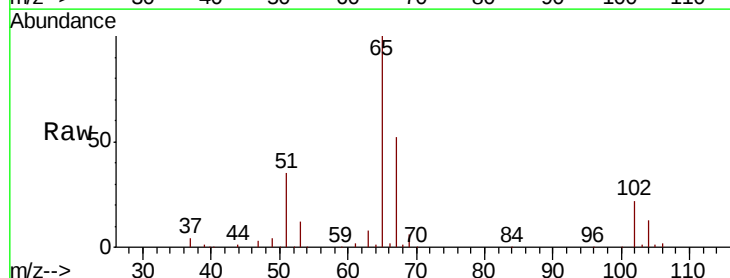
Acq: 08 Oct 2019 23:16

Tgt Ion: 65 Resp: 111620

Ion Ratio Lower Upper

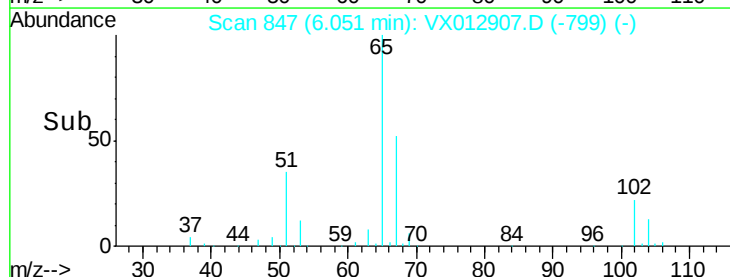
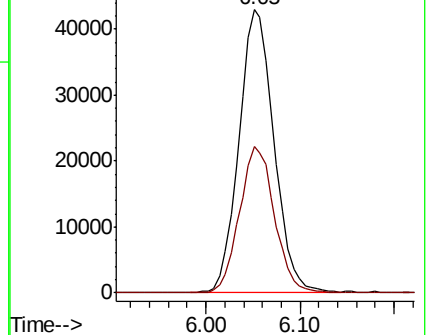
65 100

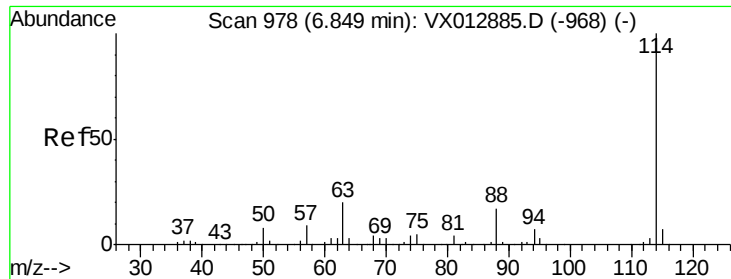
67 51.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

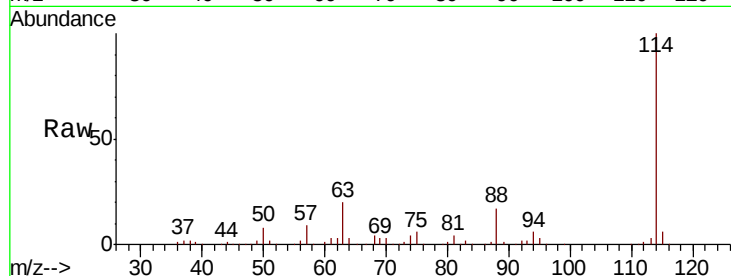




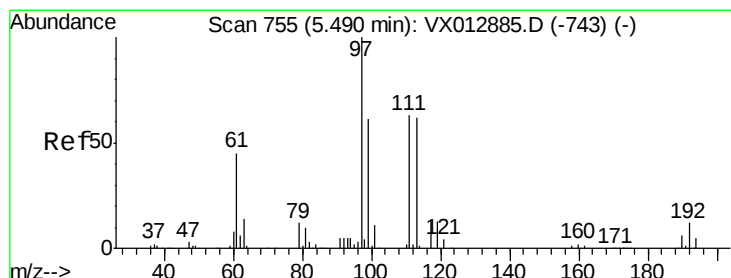
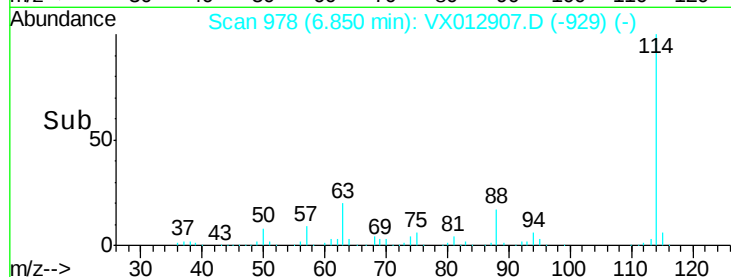
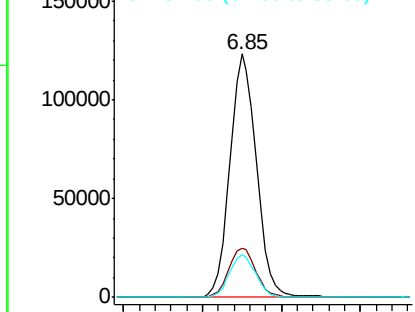
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012907.D
 Acq: 08 Oct 2019 23:16

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-10032019

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	17.4	0.0	33.8

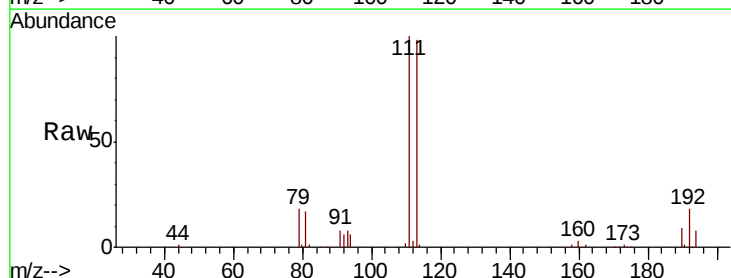


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

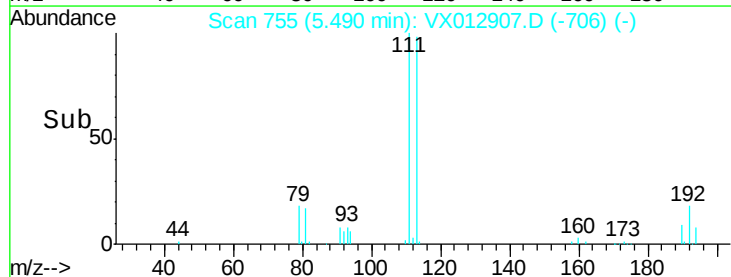
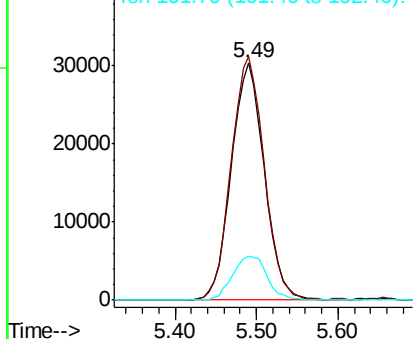


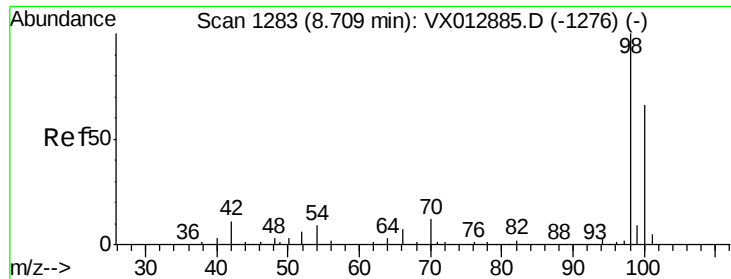
#35
 Dibromofluoromethane
 Concen: 51.374 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012907.D
 Acq: 08 Oct 2019 23:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.2	124.8
192	19.3	15.4	23.2



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

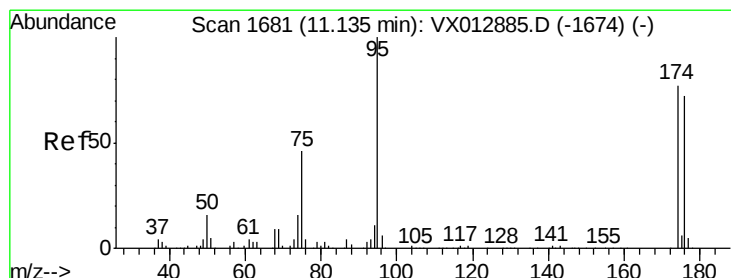
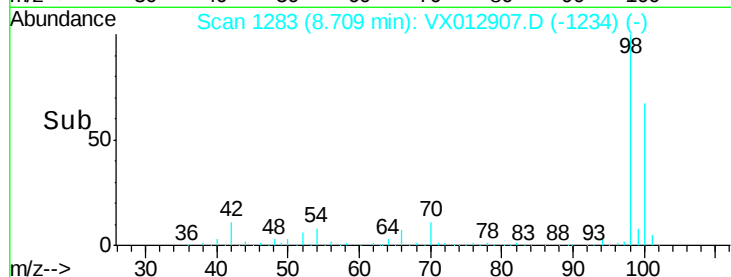
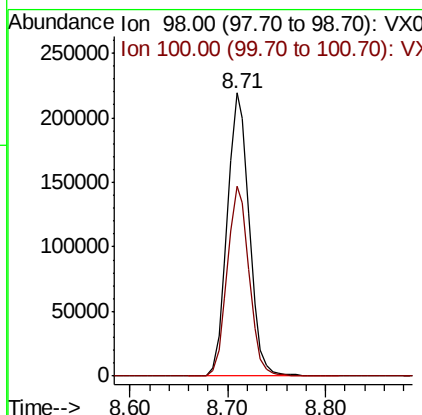
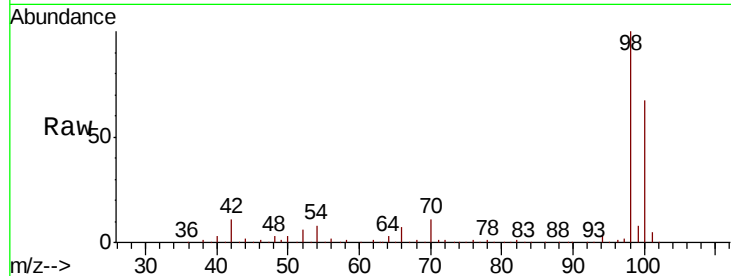




#50
Toluene-d8
Concen: 53.025 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012907.D
Acq: 08 Oct 2019 23:16

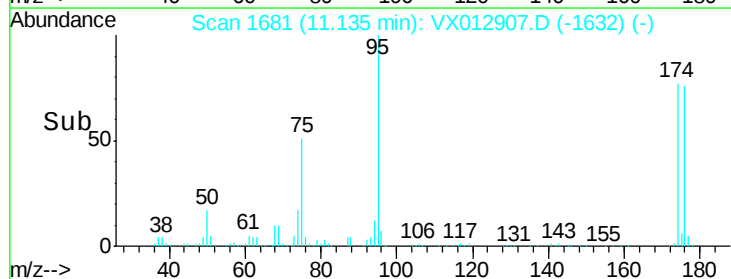
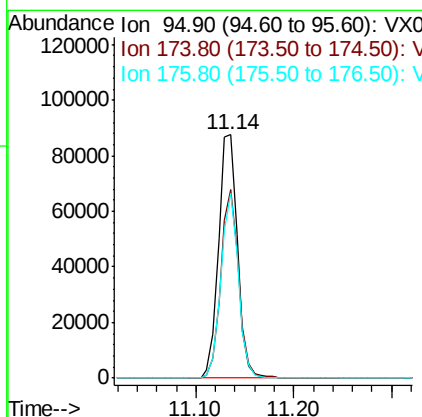
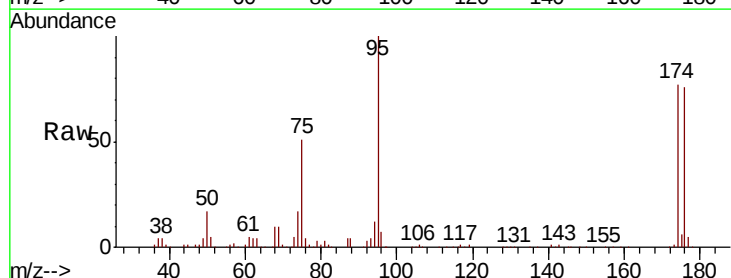
Instrument :
MSVOA_X
ClientSampleId :
TB-10032019

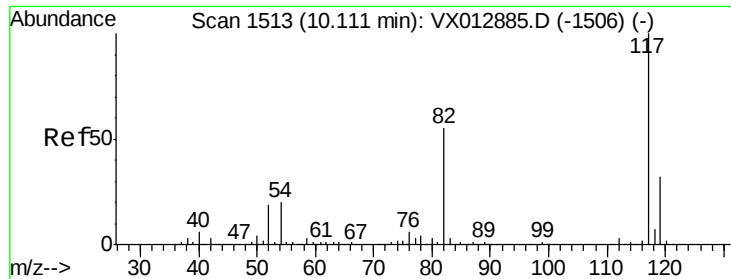
Tot Ion: 98 Resp: 342000
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 46.977 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012907.D
Acq: 08 Oct 2019 23:16

Tgt Ion: 95 Resp: 117729
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.4
176 69.8 0.0 136.0

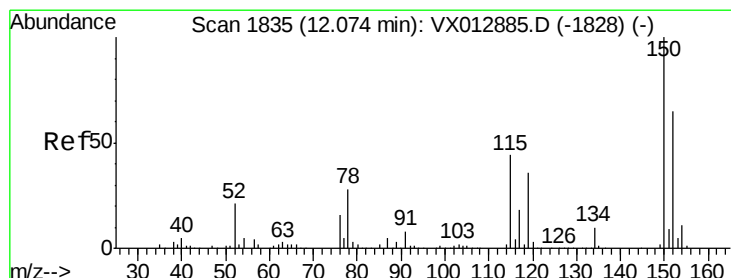
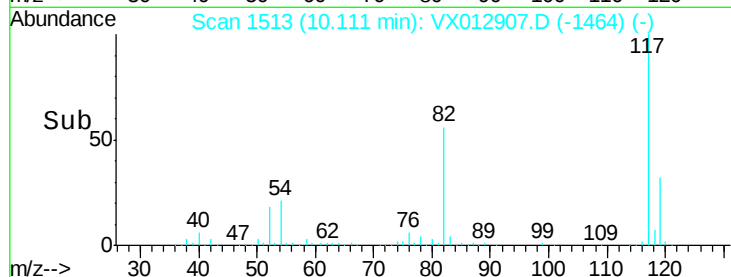
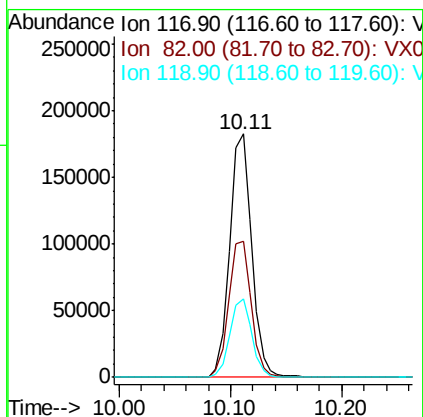
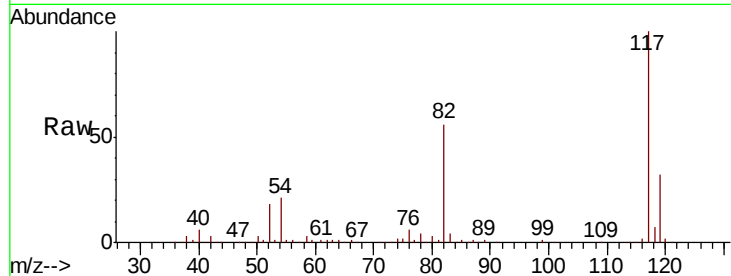




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012907.D
Acq: 08 Oct 2019 23:16

Instrument :
MSVOA_X
ClientSampleId :
TB-10032019

Tot Ion:117 Resp: 250506
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012907.D
Acq: 08 Oct 2019 23:16

Tgt Ion:152 Resp: 99560
Ion Ratio Lower Upper
152 100
115 64.3 44.5 133.5
150 159.9 0.0 353.4

