

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012323.D
 Acq On : 12 Sep 2019 01:50
 Operator : SY/SP
 Sample : K4694-06
 Misc : 3.37g/5.0mL/MSVOA X/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-3-(0)

Quant Time: Sep 12 07:09:29 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	159144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	216895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	72439	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	106347	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
35) Dibromofluoromethane	5.48	113	82025	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
50) Toluene-d8	8.71	98	313049	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.14	95	101549	35.34	ug/l	0.00
Spiked Amount			Recovery	=	70.68%	

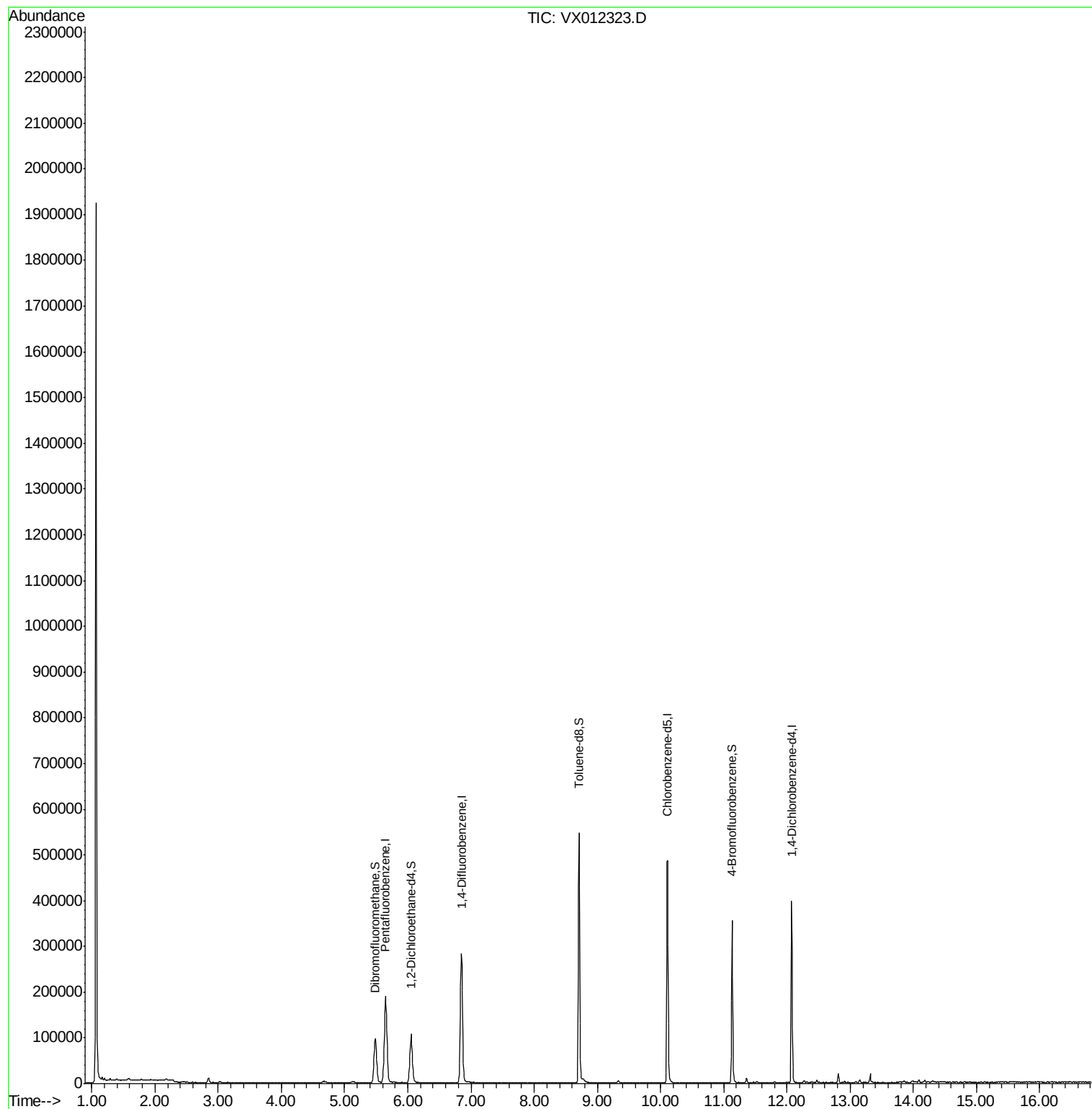
Target Compounds	Qvalue
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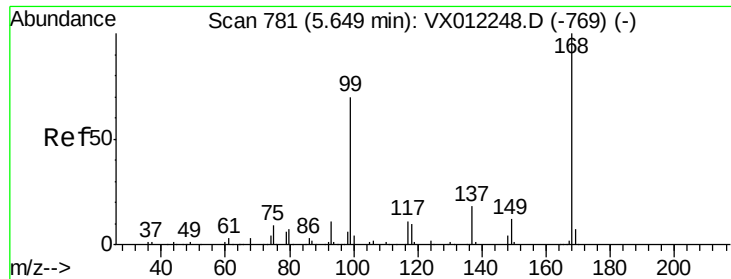
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012323.D

Acq: 12 Sep 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

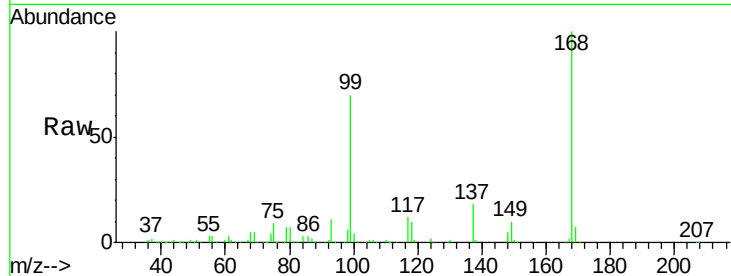
T1-3-(0)

Tot Ion:168 Resp: 159144

Ion Ratio Lower Upper

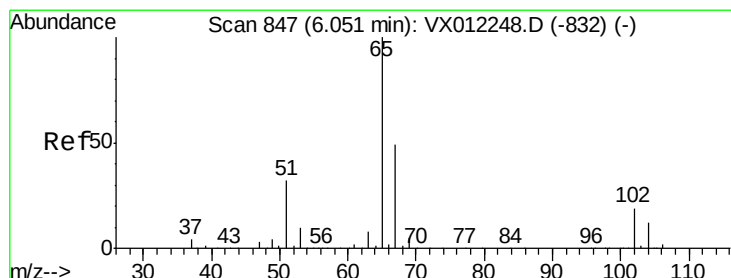
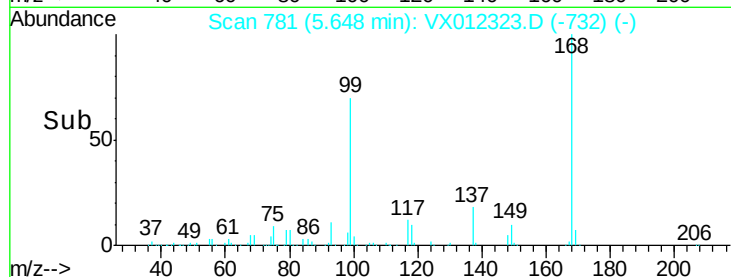
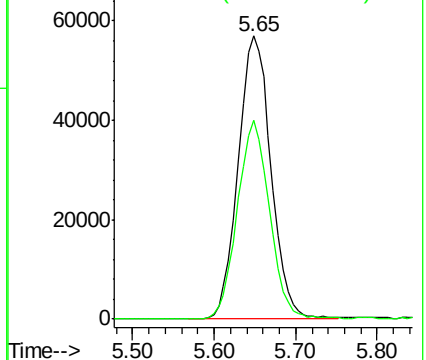
168 100

99 70.4 55.8 83.6



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: 47.266 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012323.D

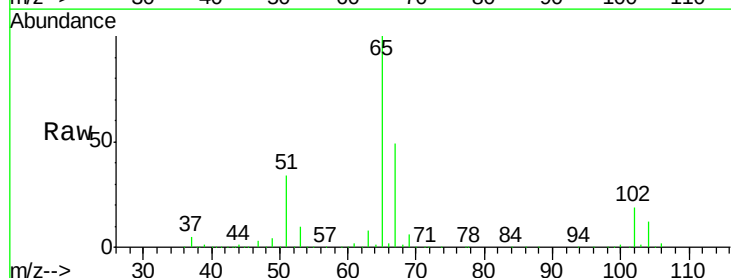
Acq: 12 Sep 2019 01:50

Tgt Ion: 65 Resp: 106347

Ion Ratio Lower Upper

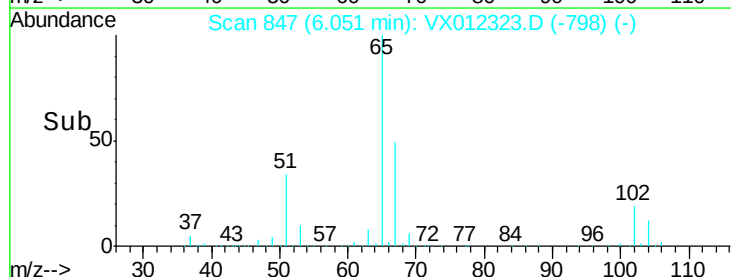
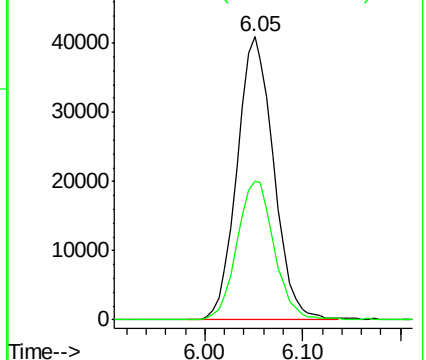
65 100

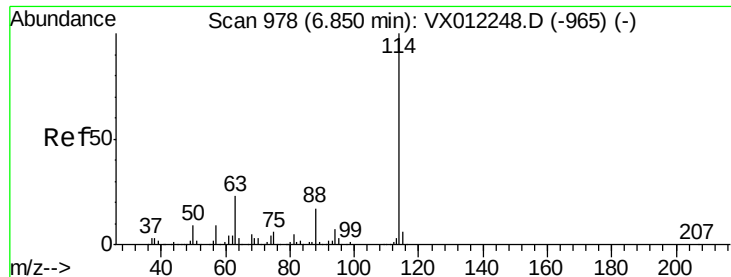
67 49.9 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

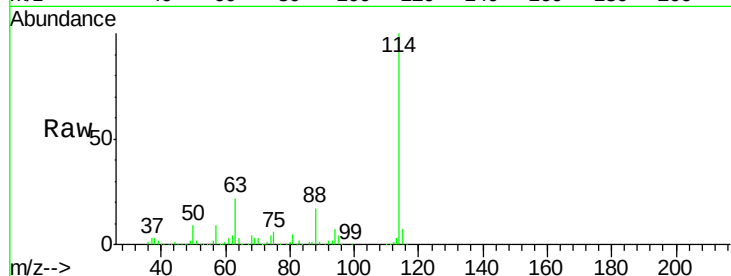




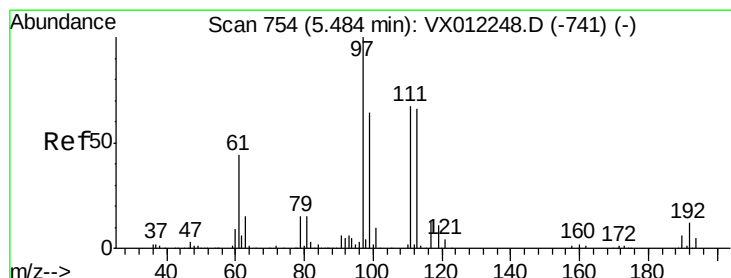
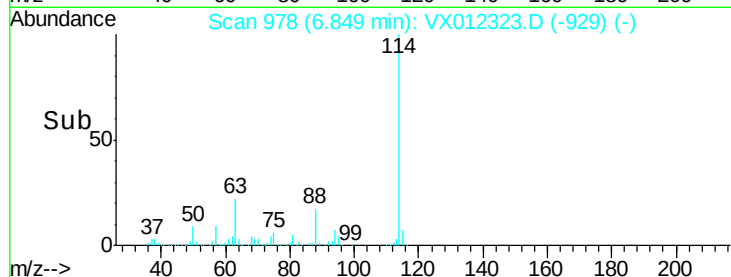
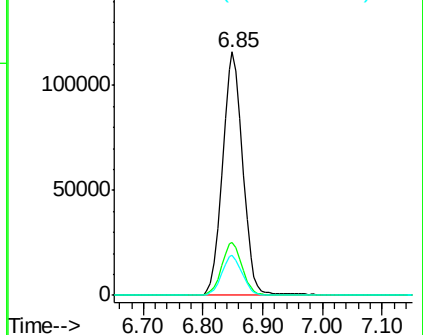
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012323.D
 Acq: 12 Sep 2019 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-3-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	45.2
88	16.6	0.0	34.8

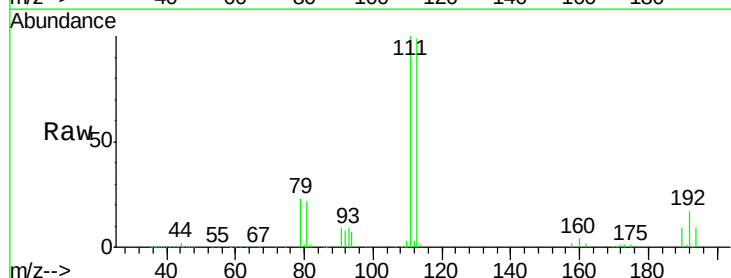


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

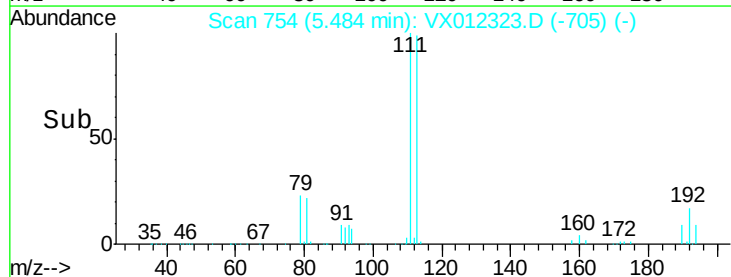
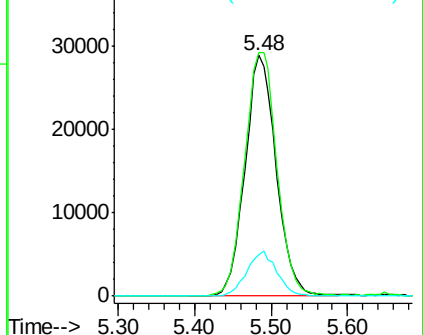


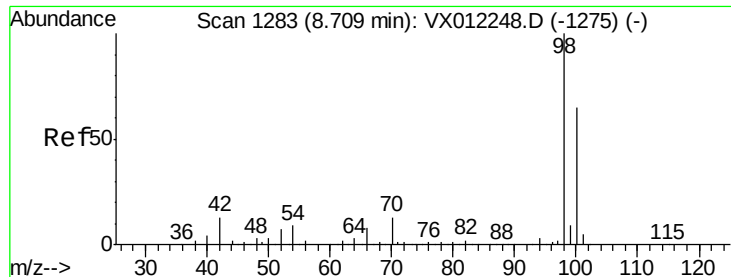
#35
 Dibromofluoromethane
 Concen: 46.410 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012323.D
 Acq: 12 Sep 2019 01:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.0	124.6
192	18.2	14.3	21.5



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

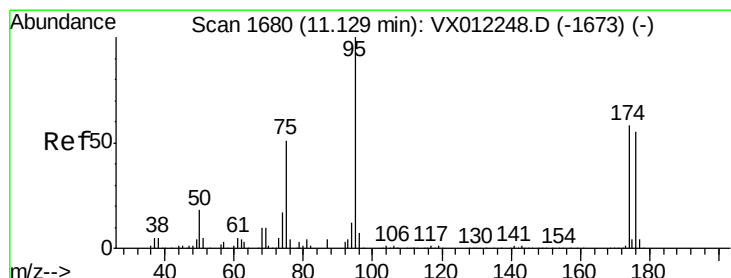
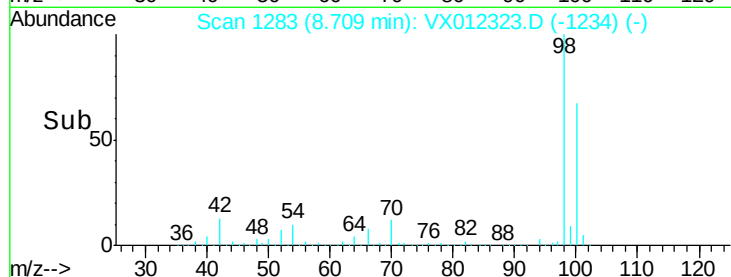
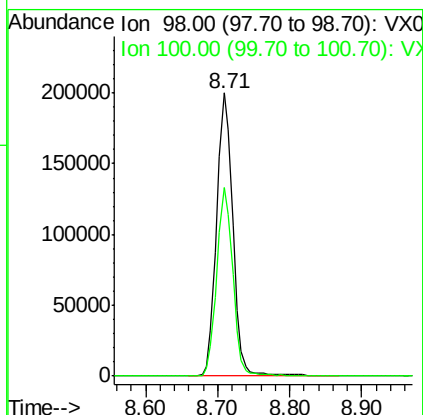
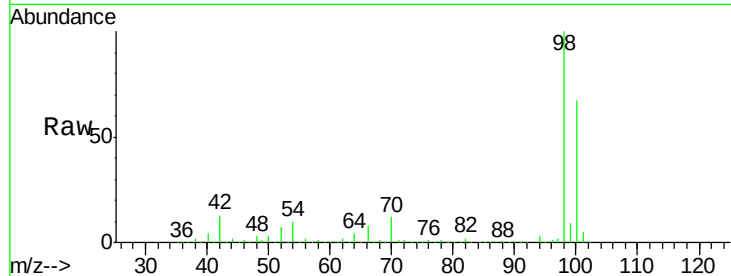




#50
Toluene-d8
Concen: 50.500 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012323.D
Acq: 12 Sep 2019 01:50

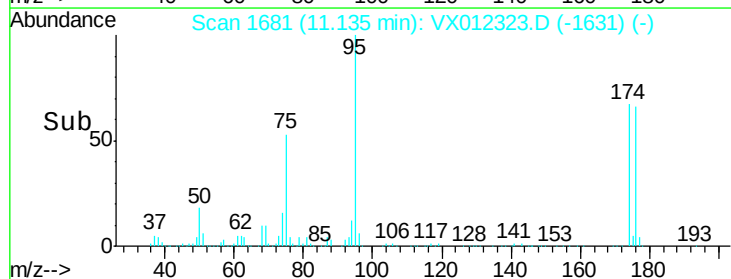
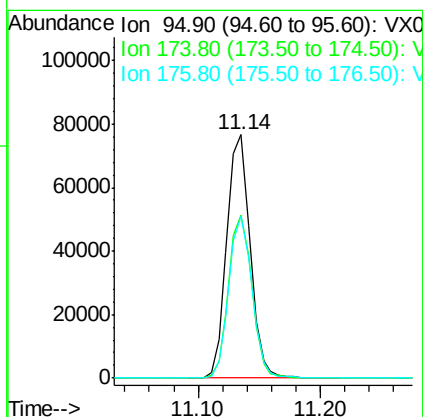
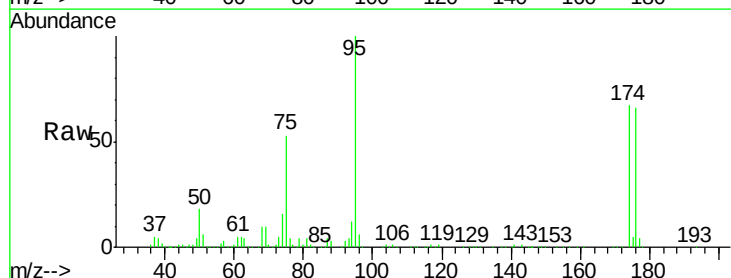
Instrument :
MSVOA_X
ClientSampleId :
T1-3-(0)

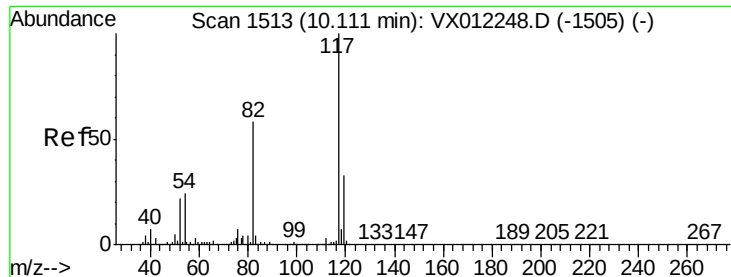
Tot Ion: 98 Resp: 313049
Ion Ratio Lower Upper
98 100
100 65.6 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 35.336 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012323.D
Acq: 12 Sep 2019 01:50

Tgt Ion: 95 Resp: 101549
Ion Ratio Lower Upper
95 100
174 67.0 0.0 127.0
176 65.5 0.0 125.8

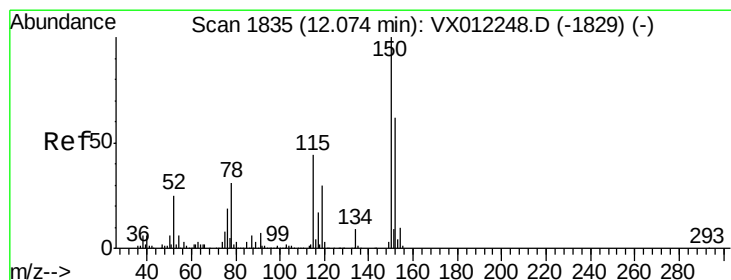
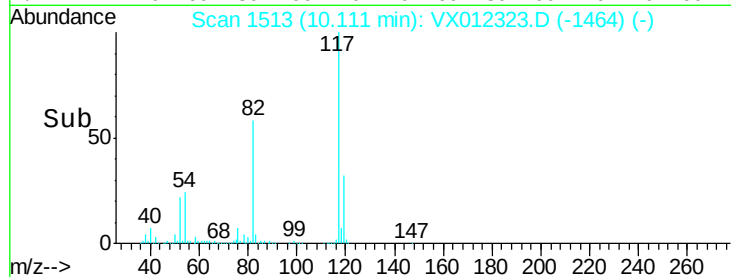
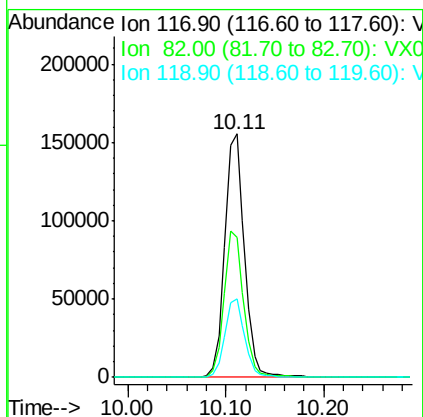
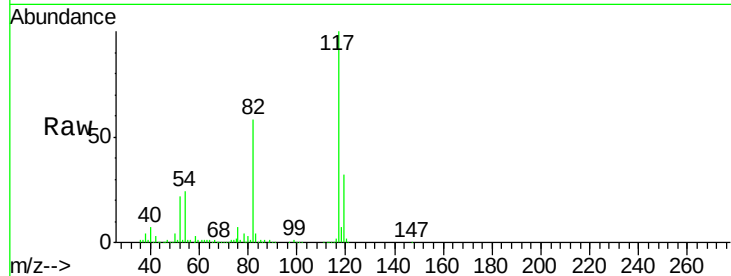




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012323.D
Acq: 12 Sep 2019 01:50

Instrument :
MSVOA_X
ClientSampleId :
T1-3-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.4	69.6
119	32.4	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: VX012323.D
Acq: 12 Sep 2019 01:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.3	45.5	136.4
150	158.3	0.0	346.4

