

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX012001.D
 Acq On : 01 Sep 2019 19:23
 Operator : SY/SP
 Sample : K4529-04
 Misc : 2.93g/5.0mL/MSVOA X/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T1-(1.9)

Quant Time: Sep 02 05:13:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

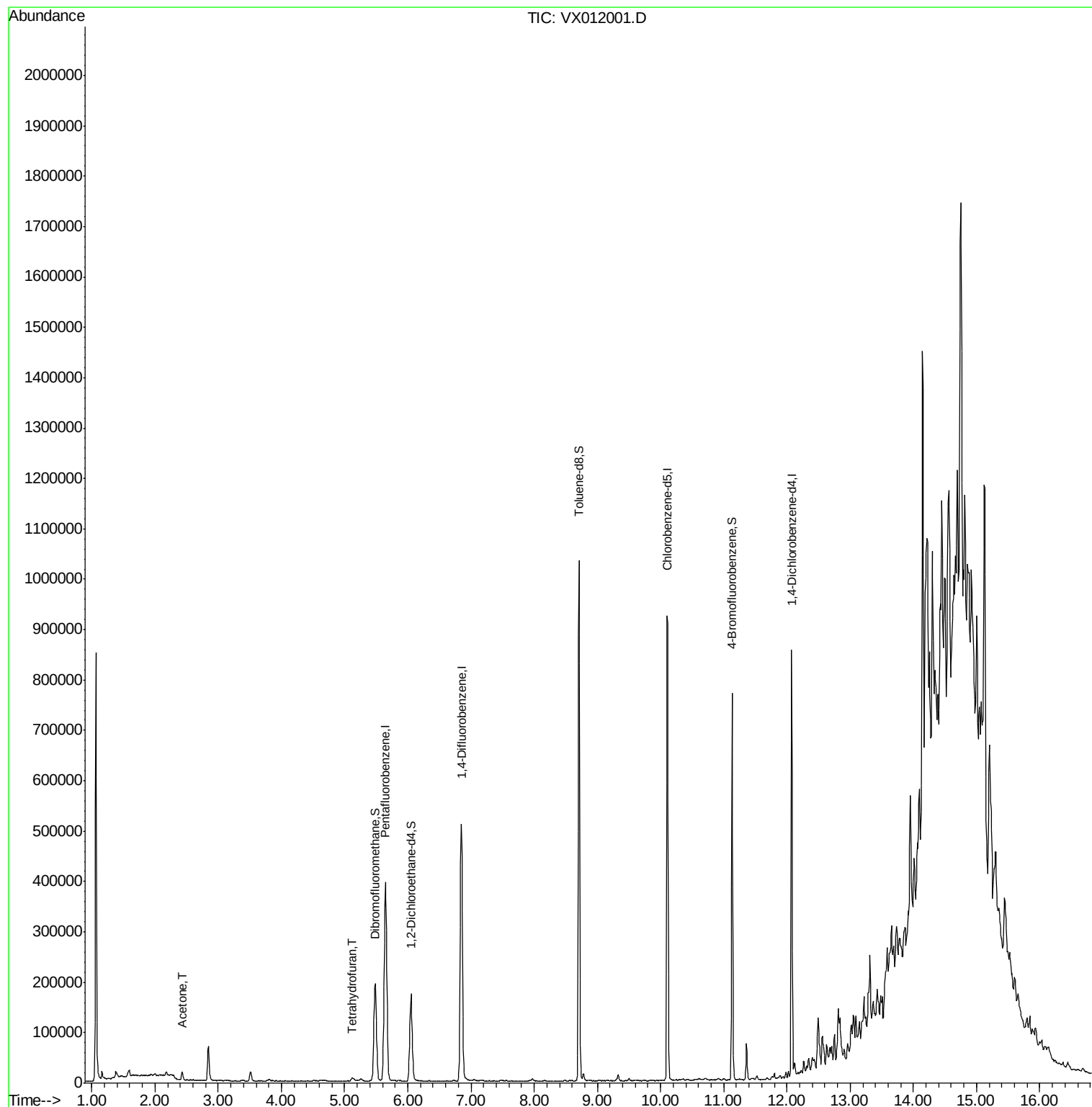
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	551847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	182062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	170648	41.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.32%	
35) Dibromofluoromethane	5.48	113	158396	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
50) Toluene-d8	8.71	98	596178	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	11.14	95	190066	34.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.50%	
Target Compounds						
16) Acetone	2.43	43	17273	19.365	ug/l	96
29) Tetrahydrofuran	5.12	42	5912	7.291	ug/l	88

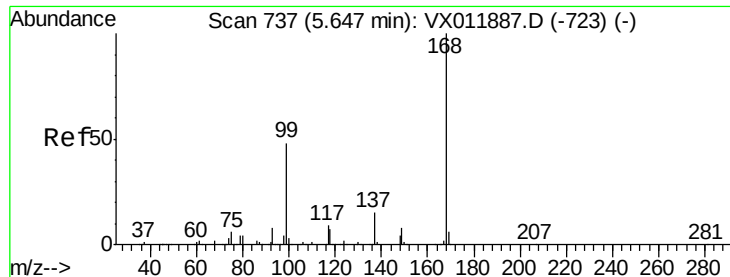
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012001.D

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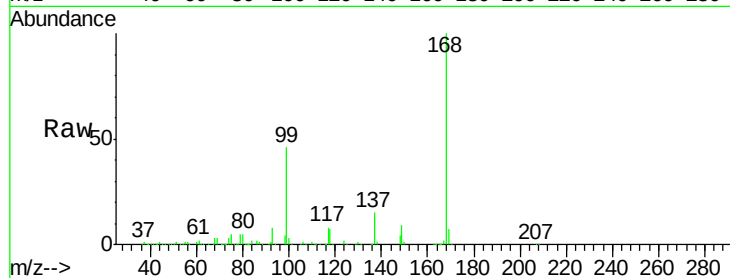
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tot Ion:168 Resp: 432696

Ion Ratio Lower Upper

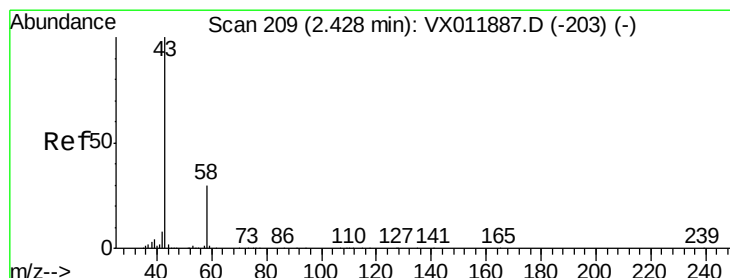
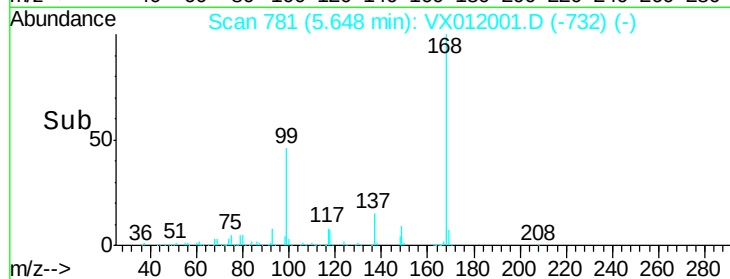
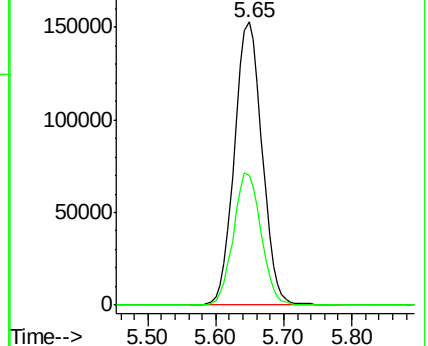
168 100

99 45.8 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 19.365 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012001.D

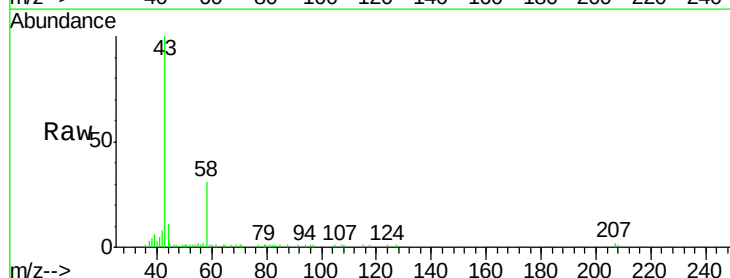
Acq: 01 Sep 2019 19:23

Tgt Ion: 43 Resp: 17273

Ion Ratio Lower Upper

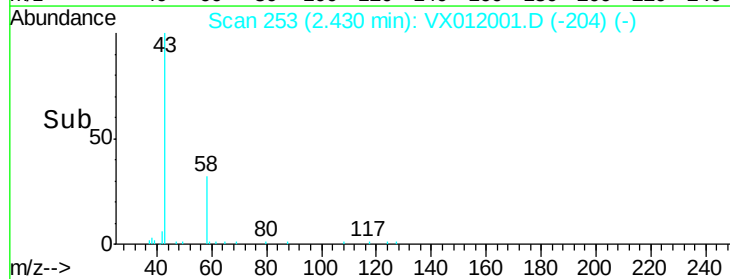
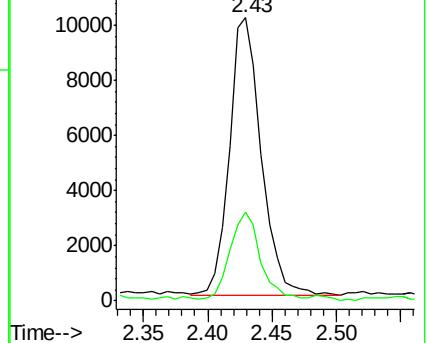
43 100

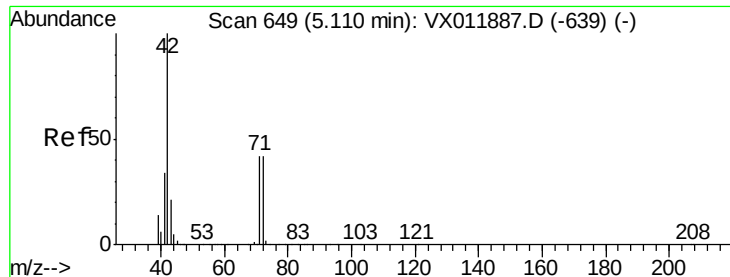
58 31.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

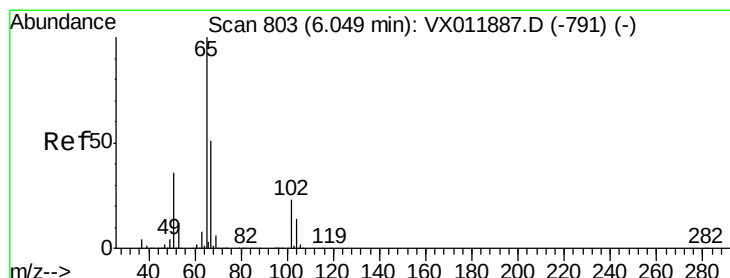
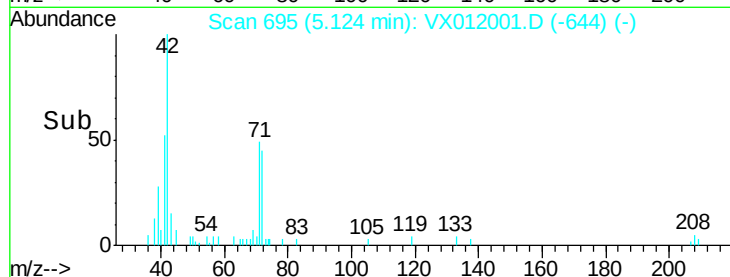
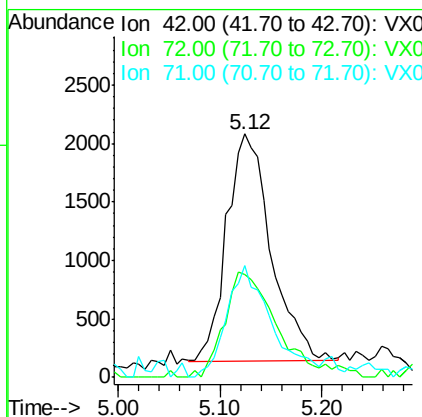
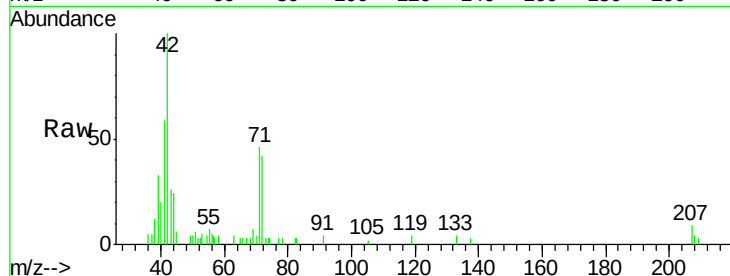




#29
Tetrahydrofuran
Concen: 7.291 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

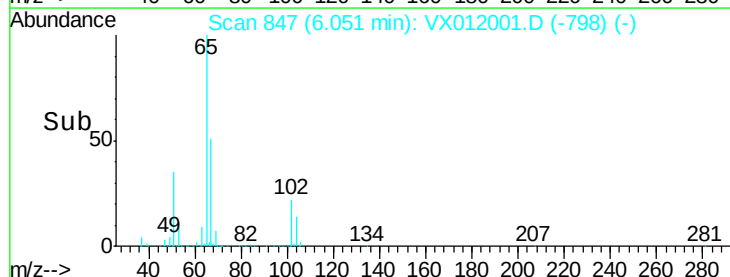
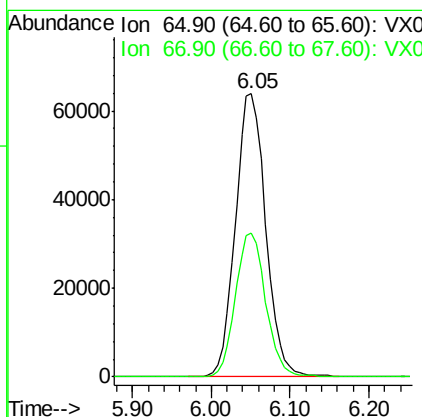
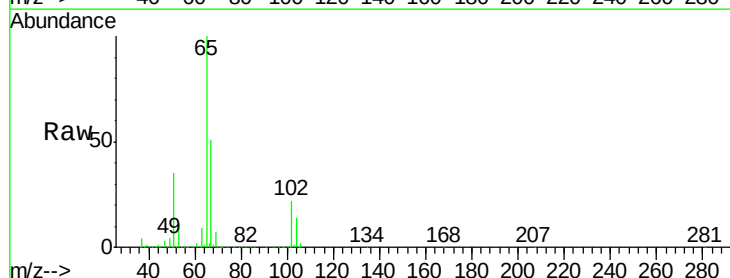
Instrument :
MSVOA_X
ClientSampled :
T9-12-13-T1-(1.9)

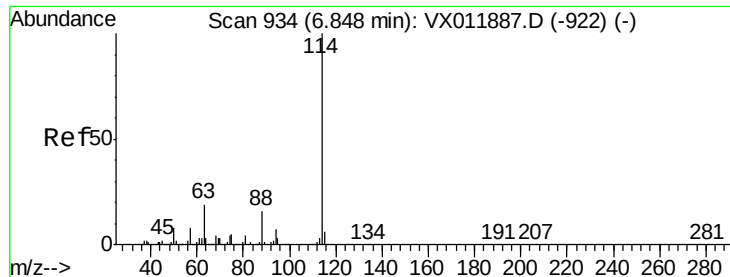
Tot Ion: 42 Resp: 5912
Ion Ratio Lower Upper
42 100
72 52.4 36.2 54.4
71 49.2 33.1 49.7



#33
1,2-Dichloroethane-d4
Concen: 41.163 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion: 65 Resp: 170648
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2

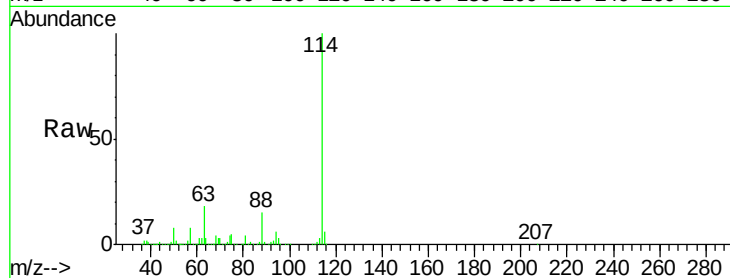




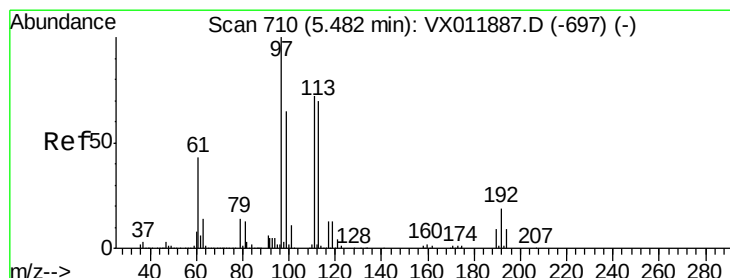
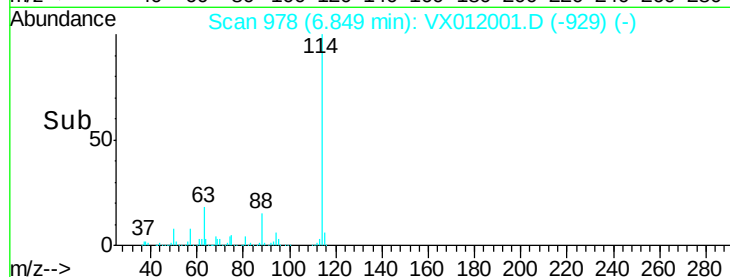
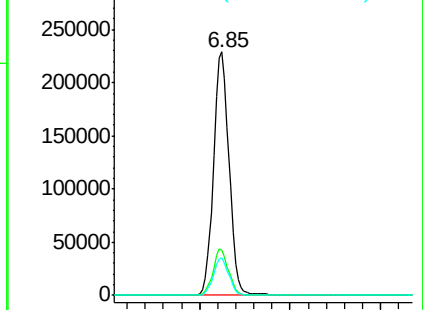
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012001.D
 Acq: 01 Sep 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T1-(1.9)

Tot Ion:114	Resp:	551847
Ion Ratio	Lower	Upper
114 100		
63 18.4	0.0	38.8
88 15.3	0.0	31.2

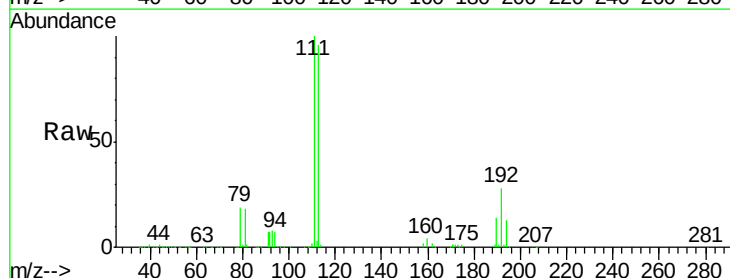


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

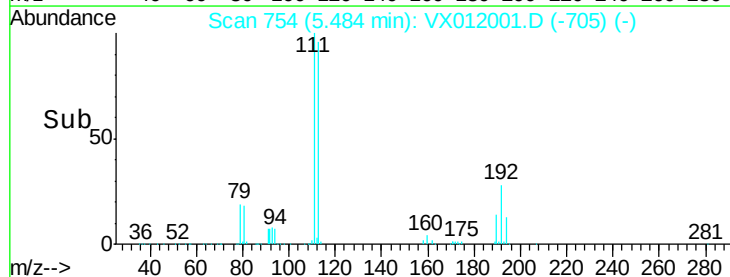
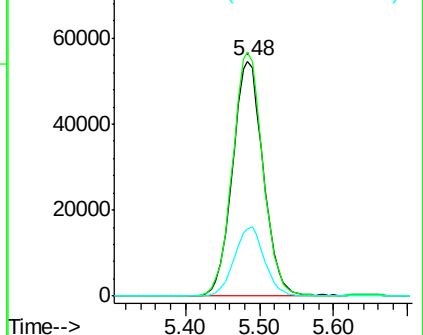


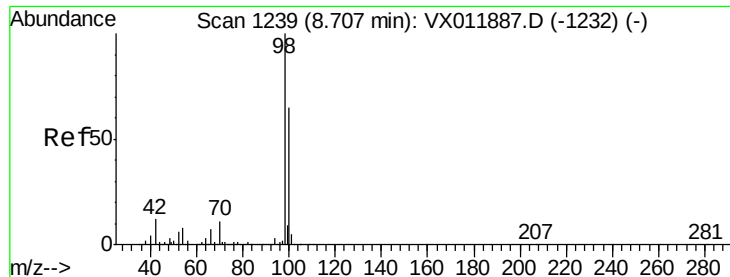
#35
 Dibromofluoromethane
 Concen: 44.761 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012001.D
 Acq: 01 Sep 2019 19:23

Tgt Ion:113	Resp:	158396
Ion Ratio	Lower	Upper
113 100		
111 102.7	82.1	123.1
192 28.8	21.5	32.3



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

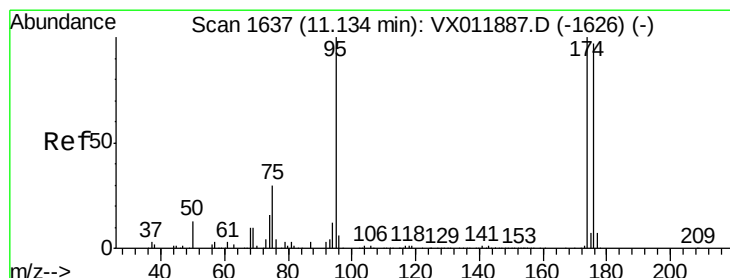
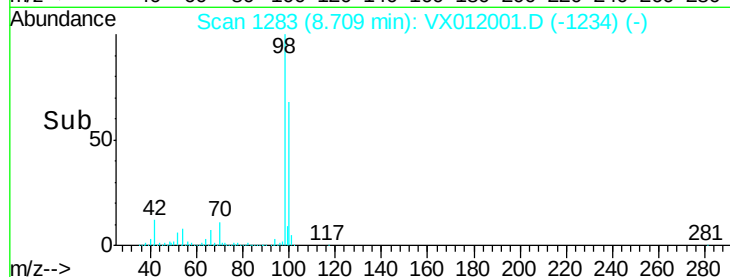
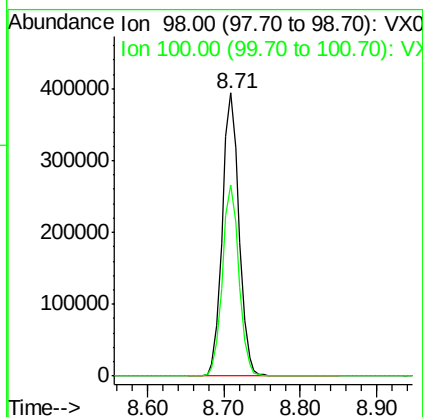
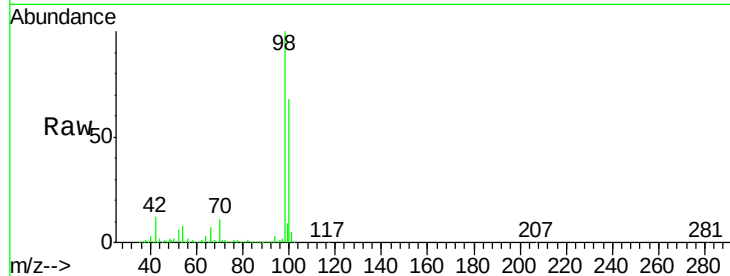




#50
Toluene-d8
Concen: 47.130 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

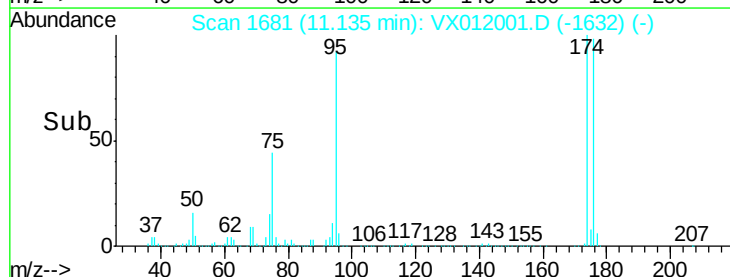
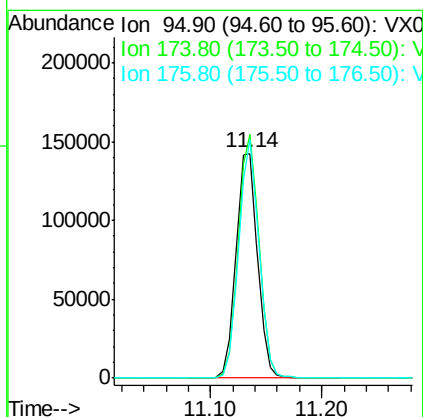
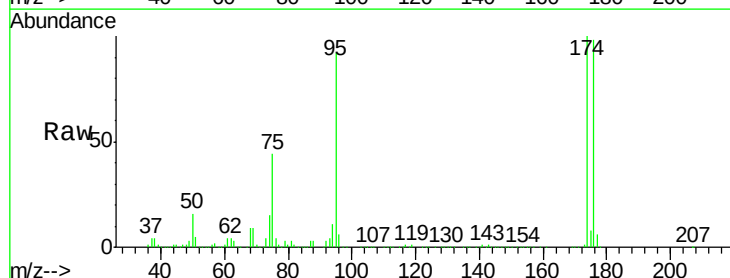
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

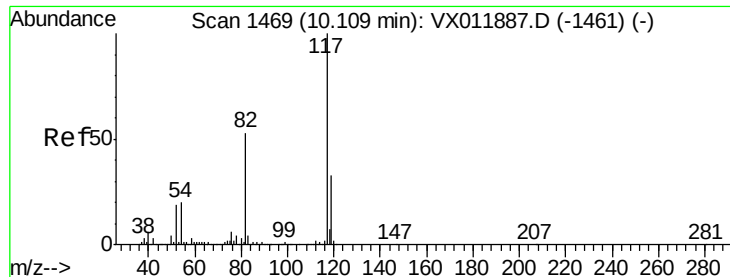
Tot Ion: 98 Resp: 596178
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 34.253 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion: 95 Resp: 190066
Ion Ratio Lower Upper
95 100
174 104.6 0.0 196.0
176 100.5 0.0 191.4

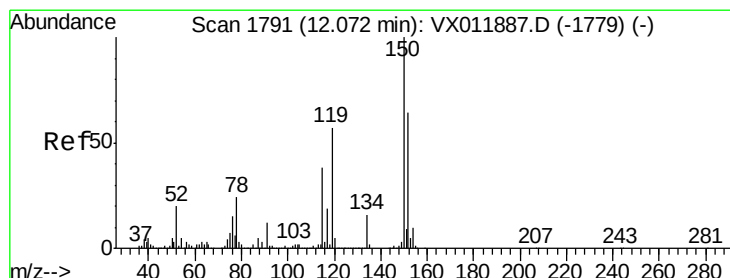
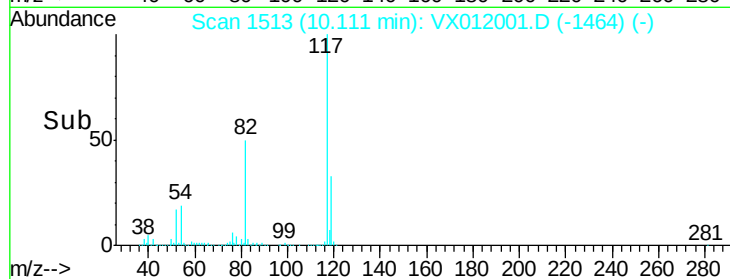
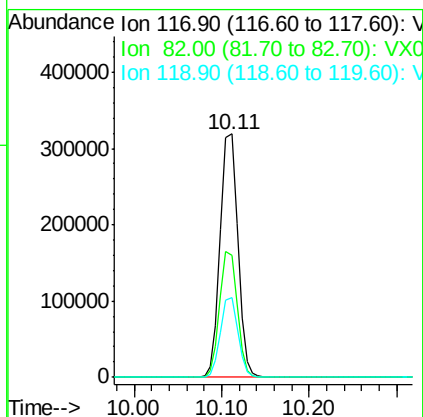
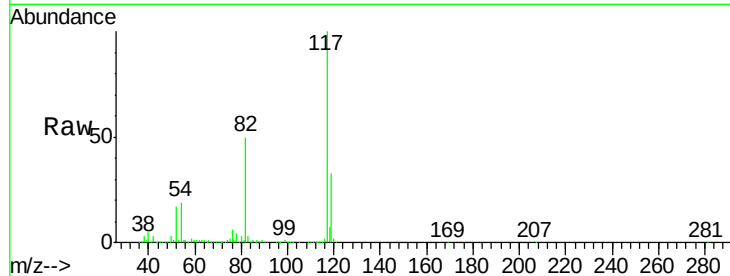




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.0	63.0
119	32.8	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.1	37.1	111.3
150	154.7	0.0	339.6

