

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011667.D
 Acq On : 20 Aug 2019 05:48
 Operator : JC/SP
 Sample : K4404-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-L(0)

Quant Time: Aug 20 14:11:50 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

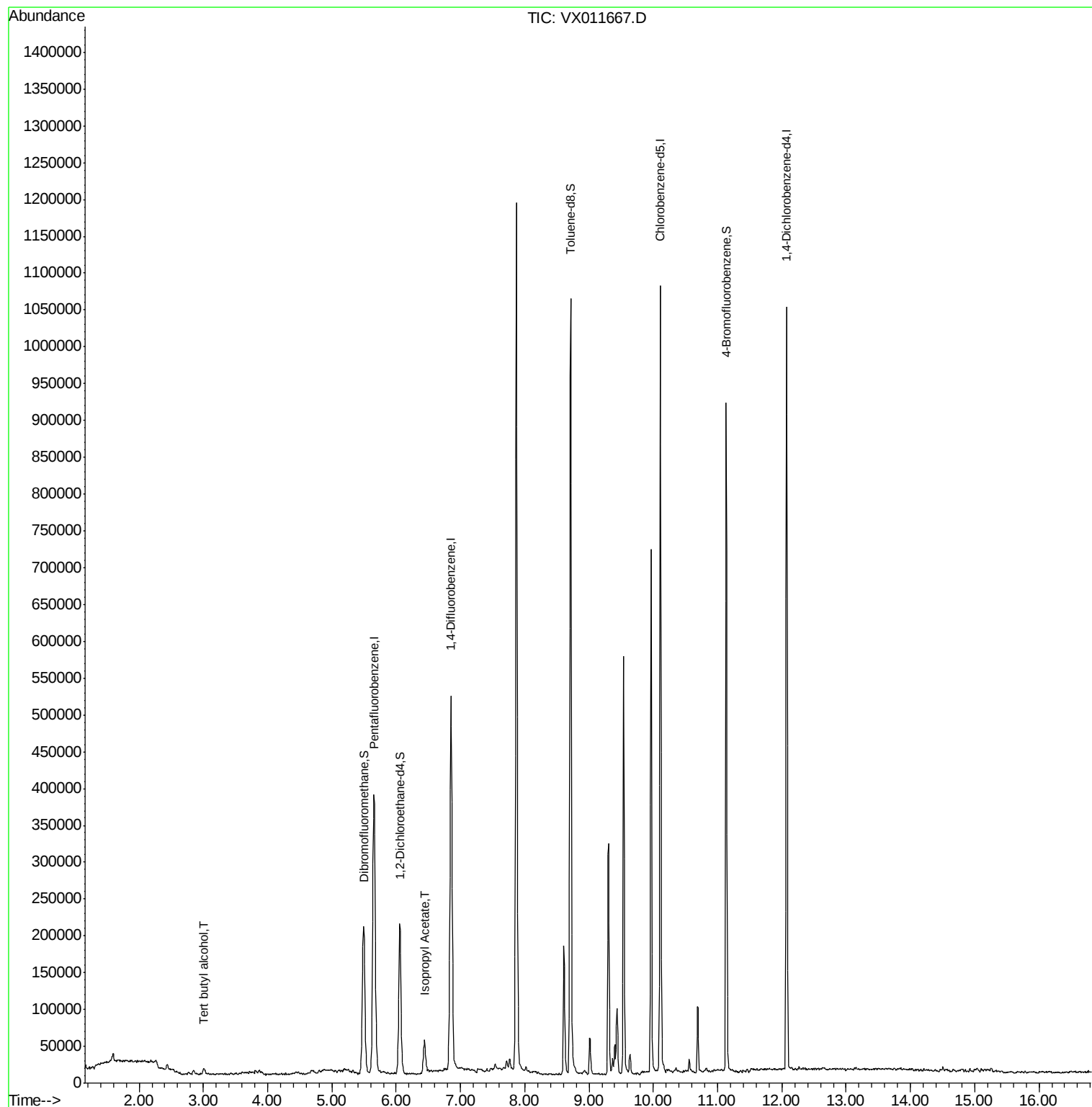
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	412923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	531396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	499100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	216085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	198042	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	5.49	113	170588	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	8.71	98	656715	60.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.28%	
62) 4-Bromofluorobenzene	11.13	95	220883	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
Target Compounds						
11) Tert butyl alcohol	3.00	59	4822	5.133	ug/l	94
43) Isopropyl Acetate	6.44	43	63620	7.801	ug/l	98

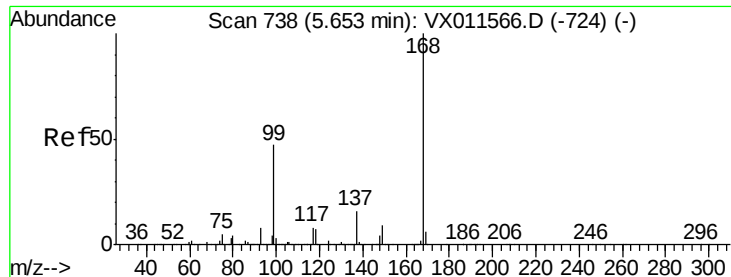
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011667.D

Acq: 20 Aug 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

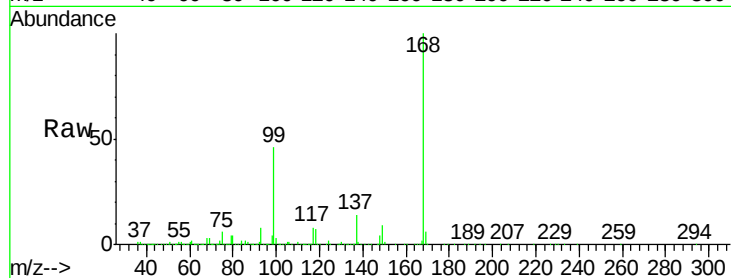
T1-L(0)

Tot Ion:168 Resp: 412923

Ion Ratio Lower Upper

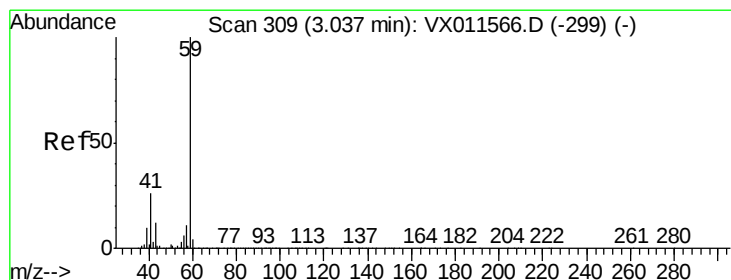
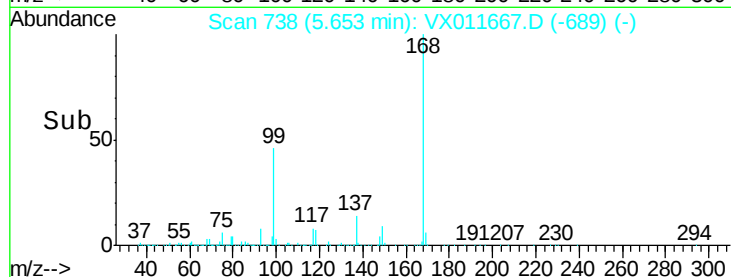
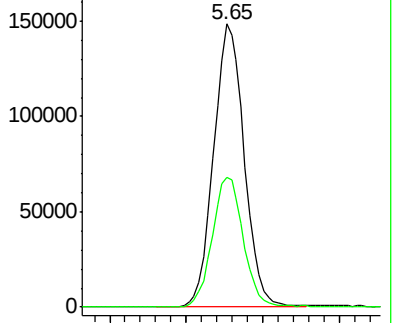
168 100

99 45.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 5.133 ug/l

RT: 3.00 min Scan# 303

Delta R.T. -0.04 min

Lab File: VX011667.D

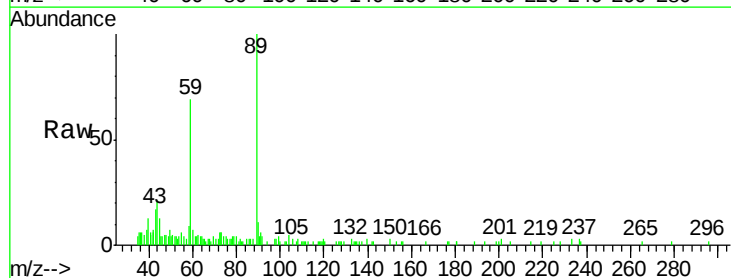
Acq: 20 Aug 2019 05:48

Tgt Ion: 59 Resp: 4822

Ion Ratio Lower Upper

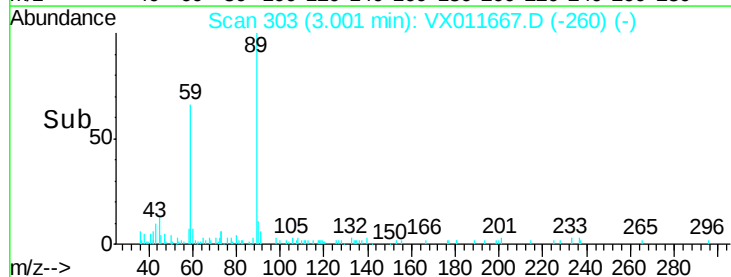
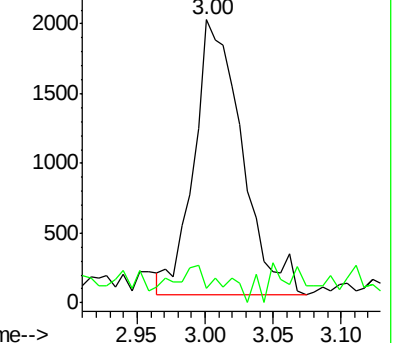
59 100

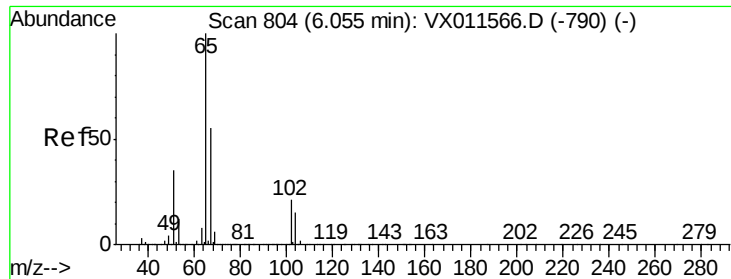
57 13.0 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

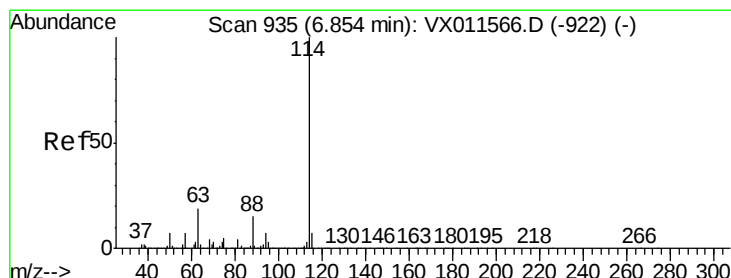
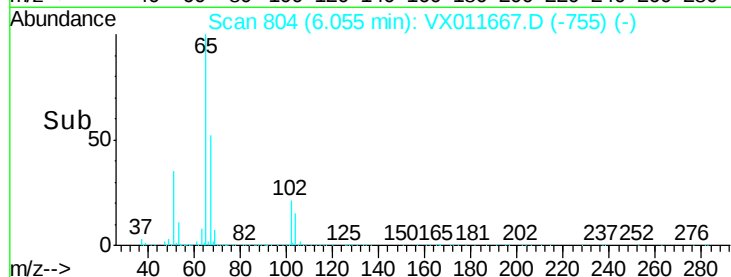
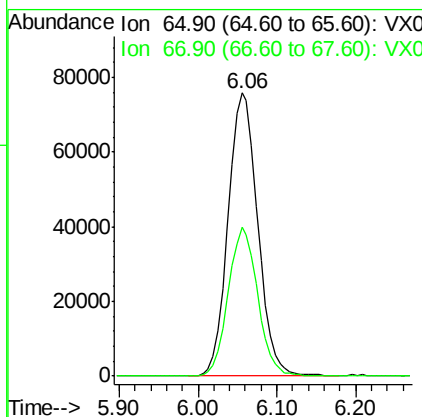
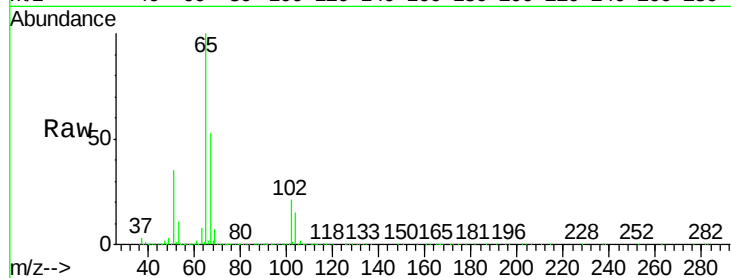




#33
 1,2-Dichloroethane-d4
 Concen: 51.718 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011667.D
 Acq: 20 Aug 2019 05:48

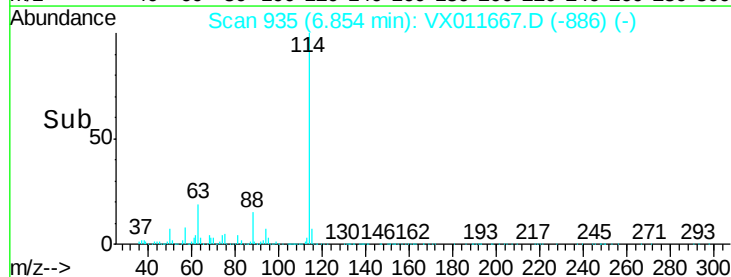
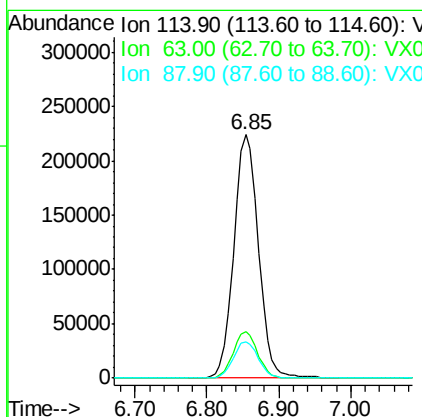
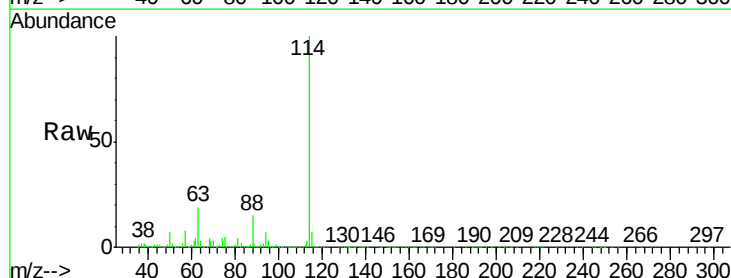
Instrument :
 MSVOA_X
 ClientSampleId :
 T1-L(0)

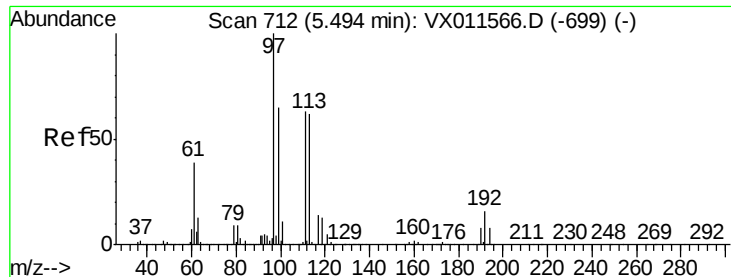
Tot Ion: 65 Resp: 198042
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011667.D
 Acq: 20 Aug 2019 05:48

Tgt Ion: 114 Resp: 531396
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.081 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011667.D

Acq: 20 Aug 2019 05:48

Instrument :
MSVOA_X
ClientSampled :
T1-L(0)

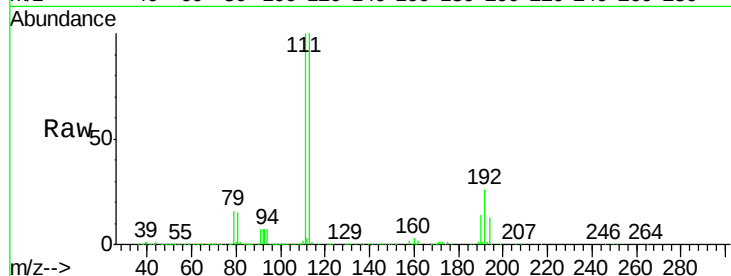
Tot Ion:113 Resp: 170588

Ion Ratio Lower Upper

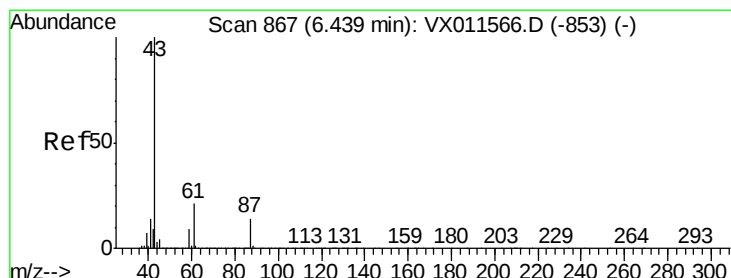
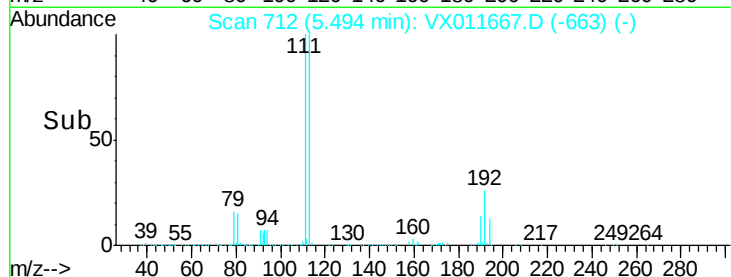
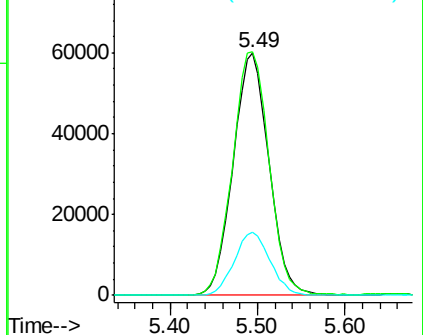
113 100

111 102.7 81.1 121.7

192 26.2 20.8 31.2



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



#43

Isopropyl Acetate

Concen: 7.801 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011667.D

Acq: 20 Aug 2019 05:48

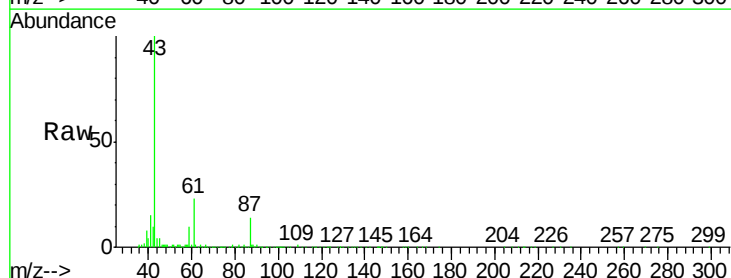
Tgt Ion: 43 Resp: 63620

Ion Ratio Lower Upper

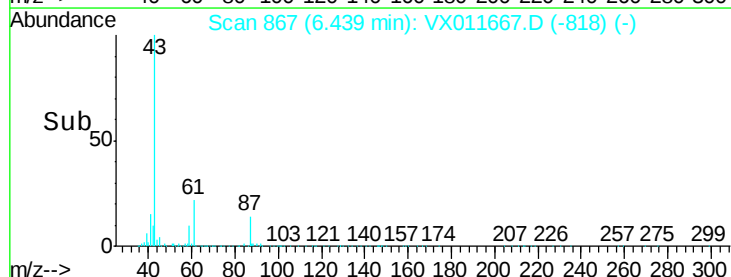
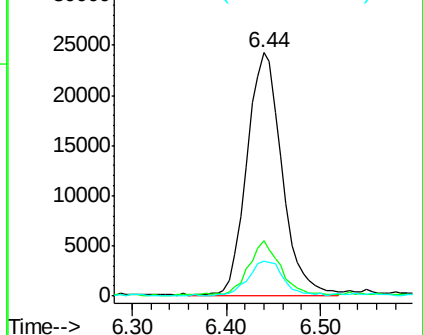
43 100

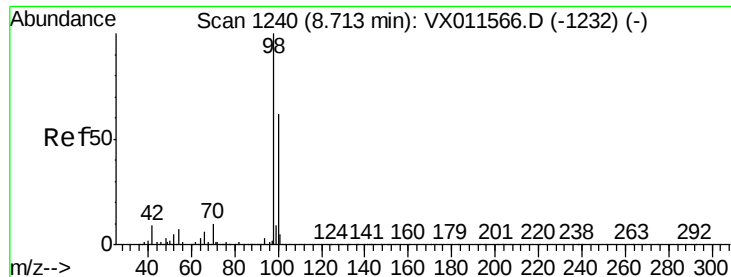
61 19.6 16.6 24.8

87 14.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 60.640 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011667.D

Acq: 20 Aug 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

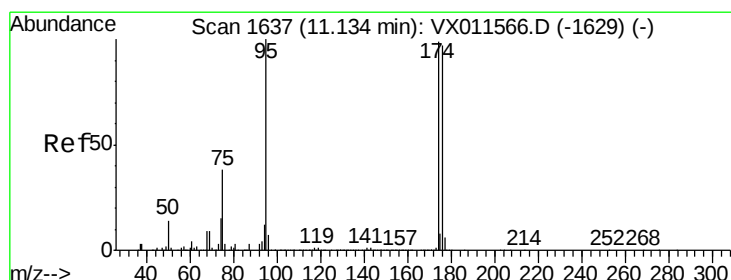
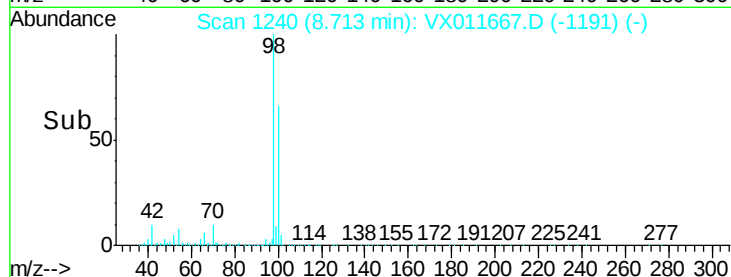
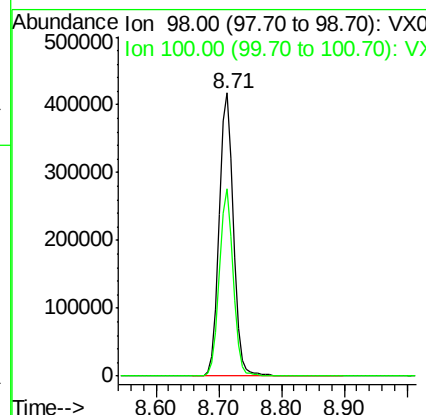
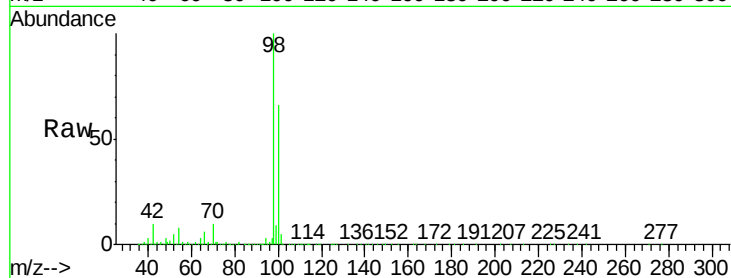
T1-L(0)

Tot Ion: 98 Resp: 656715

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.322 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011667.D

Acq: 20 Aug 2019 05:48

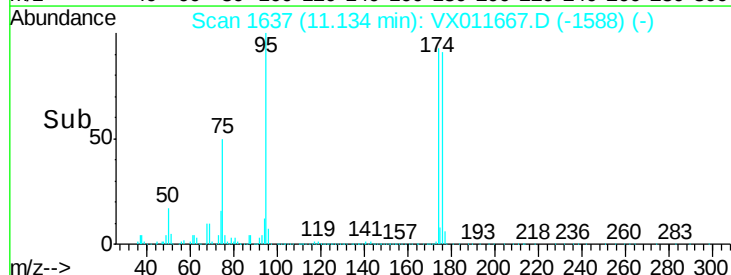
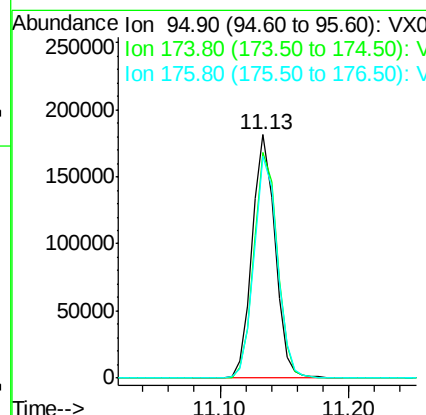
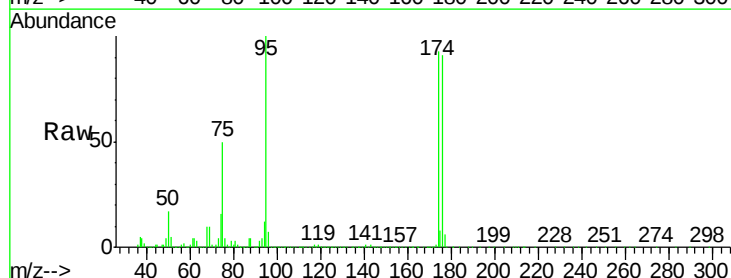
Tgt Ion: 95 Resp: 220883

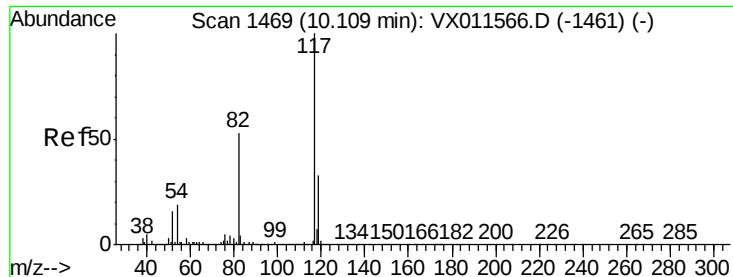
Ion Ratio Lower Upper

95 100

174 95.1 0.0 200.6

176 92.6 0.0 196.6

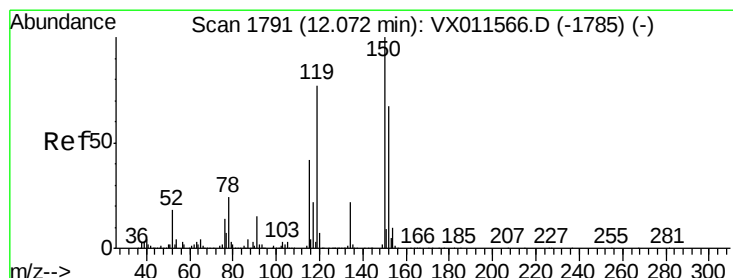
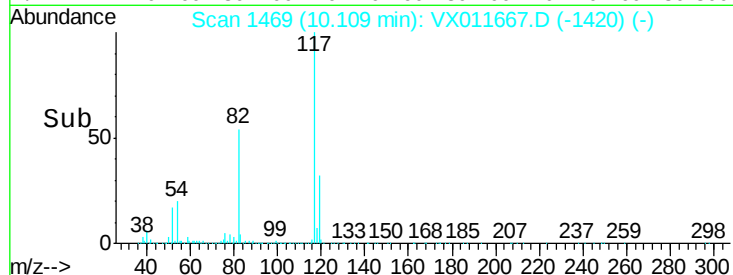
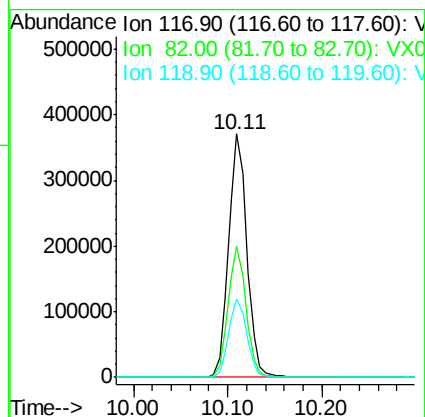
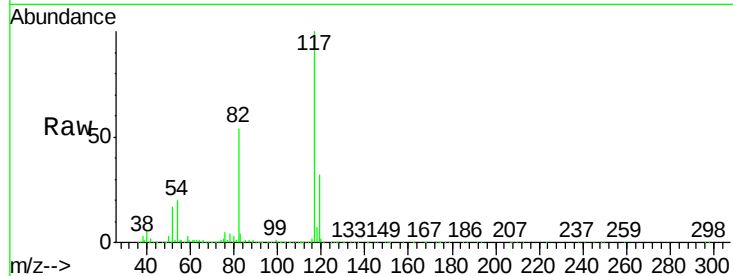




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011667.D
Acq: 20 Aug 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
T1-L(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.0	63.0
119	32.4	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: VX011667.D
Acq: 20 Aug 2019 05:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	37.3	111.9
150	157.2	0.0	346.2

