

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012312.D
 Acq On : 11 Sep 2019 19:50
 Operator : SY/SP
 Sample : K4643-07
 Misc : 4.57g/5.0mL/MSVOA X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-B2-(4)

Quant Time: Sep 12 06:50:53 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

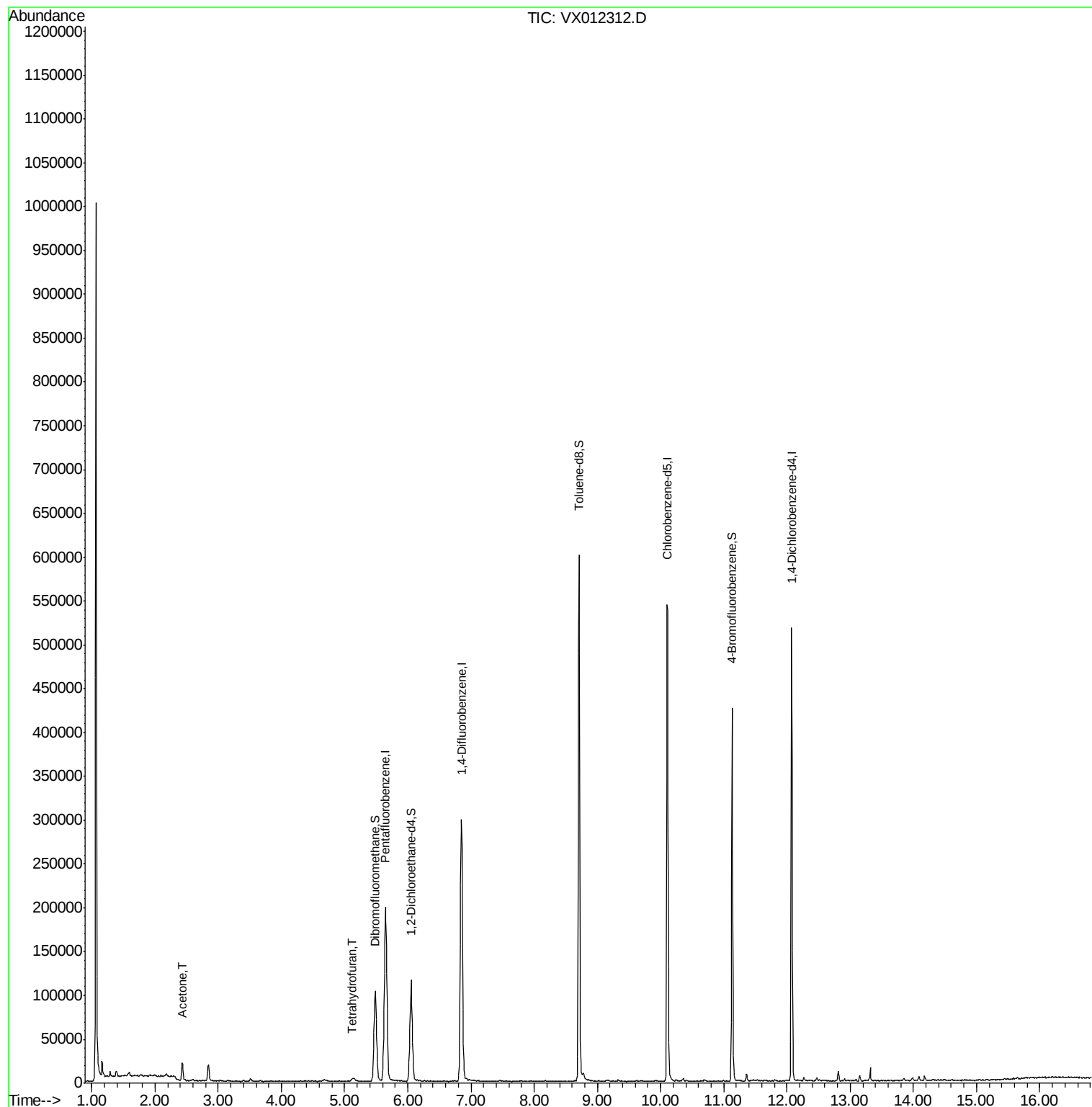
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	167770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	112866	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
35) Dibromofluoromethane	5.48	113	85895	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	8.71	98	337807	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	11.13	95	121837	40.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.50%	
Target Compounds						
16) Acetone	2.43	43	22346	39.796	ug/l	94
29) Tetrahydrofuran	5.12	42	4080	10.535	ug/l	94

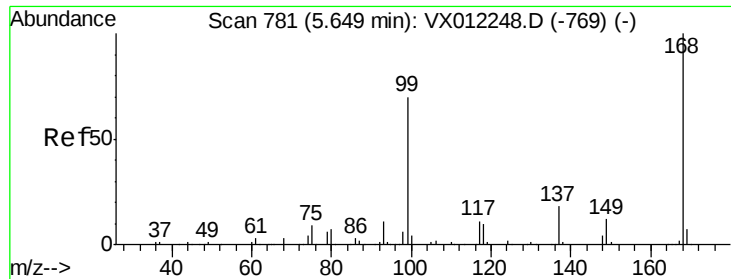
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
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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: VX012312.D

Acq: 11 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

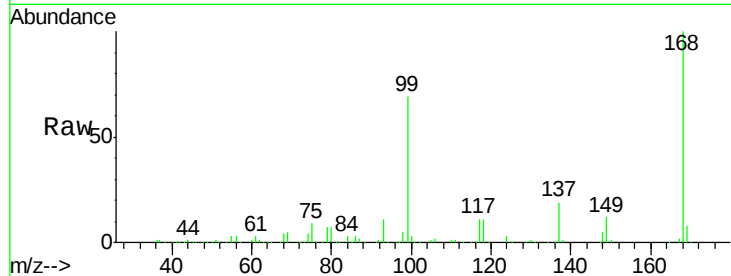
T11-B2-(4)

Tot Ion:168 Resp: 167770

Ion Ratio Lower Upper

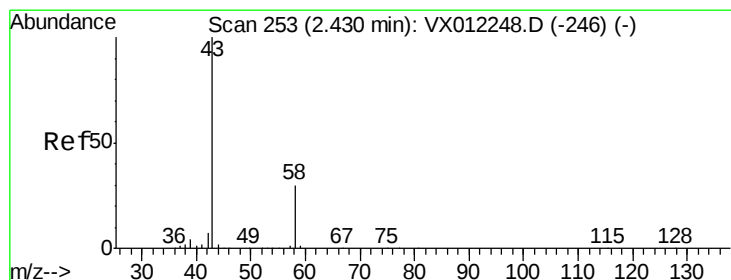
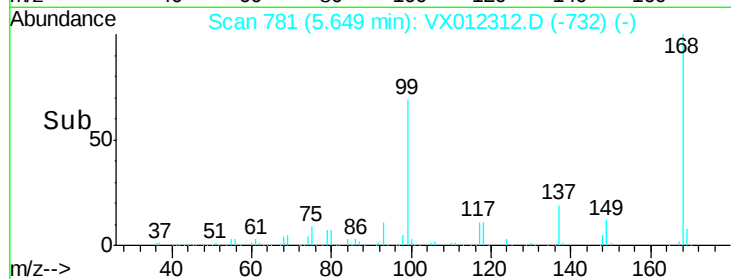
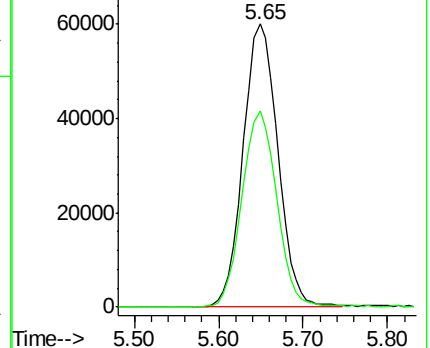
168 100

99 69.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 39.796 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012312.D

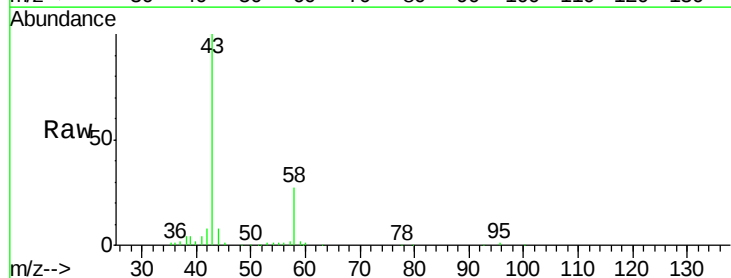
Acq: 11 Sep 2019 19:50

Tgt Ion: 43 Resp: 22346

Ion Ratio Lower Upper

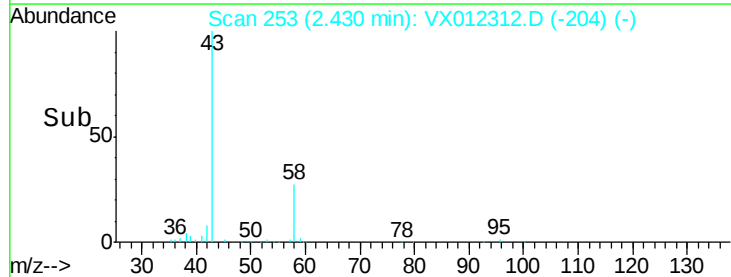
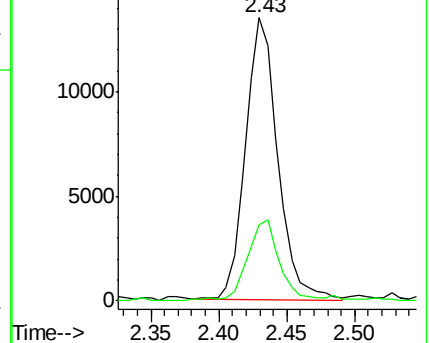
43 100

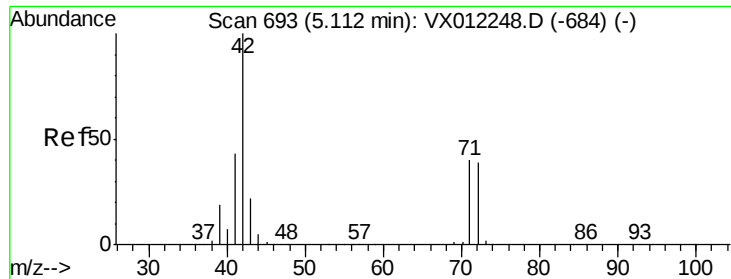
58 26.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

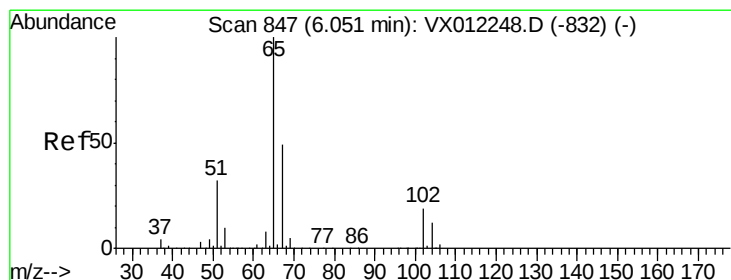
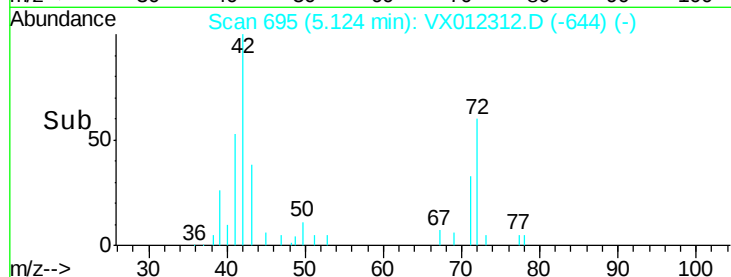
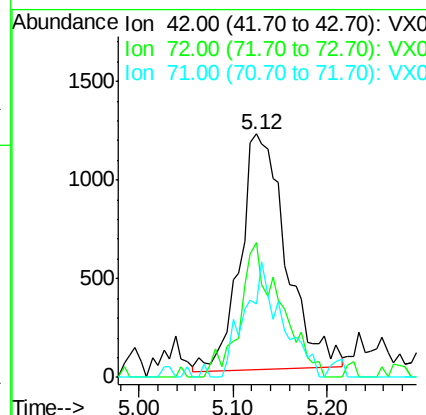
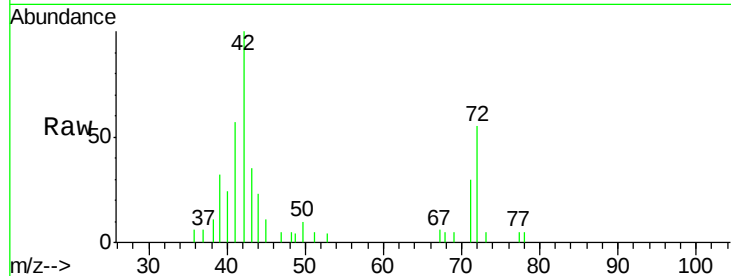




#29
Tetrahydrofuran
Concen: 10.535 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012312.D
Acq: 11 Sep 2019 19:50

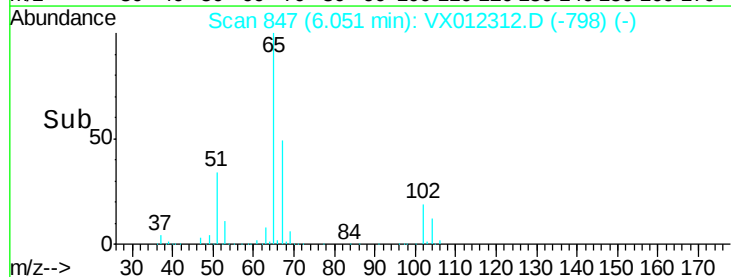
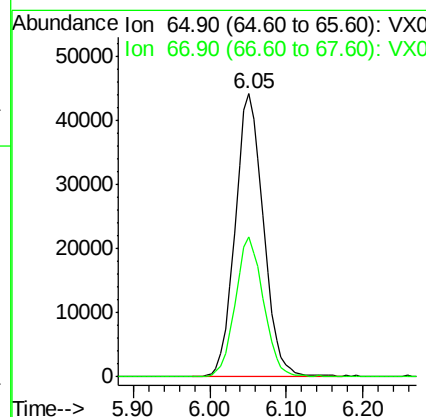
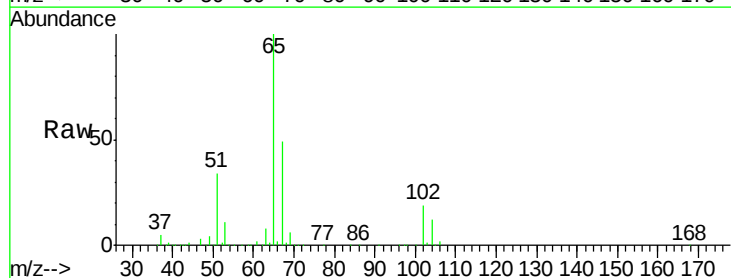
Instrument :
MSVOA_X
ClientSampleId :
T11-B2-(4)

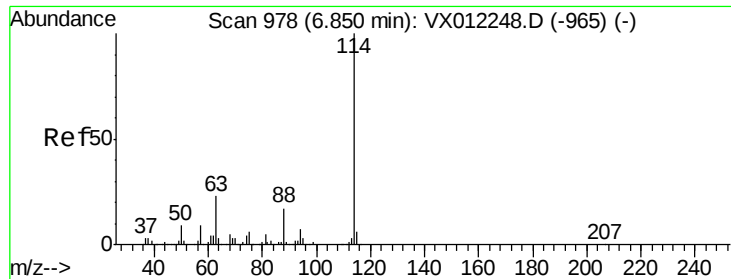
Tot Ion: 42 Resp: 4080
Ion Ratio Lower Upper
42 100
72 50.6 35.2 52.8
71 39.4 32.5 48.7



#33
1,2-Dichloroethane-d4
Concen: 47.584 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012312.D
Acq: 11 Sep 2019 19:50

Tgt Ion: 65 Resp: 112866
Ion Ratio Lower Upper
65 100
67 49.3 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: VX012312.D

Acq: 11 Sep 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

T11-B2-(4)

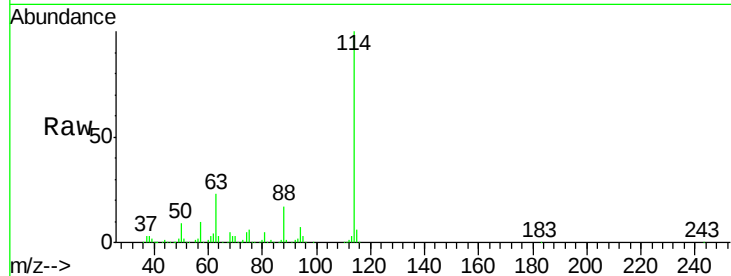
Tot Ion:114 Resp: 286863

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

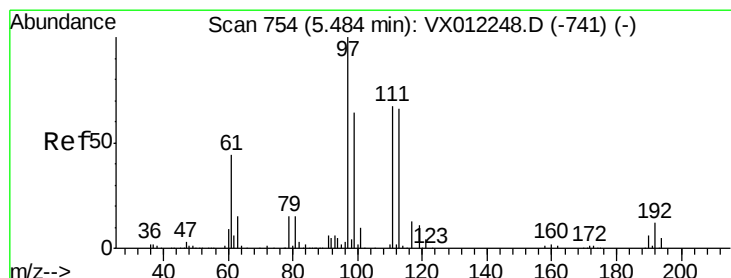
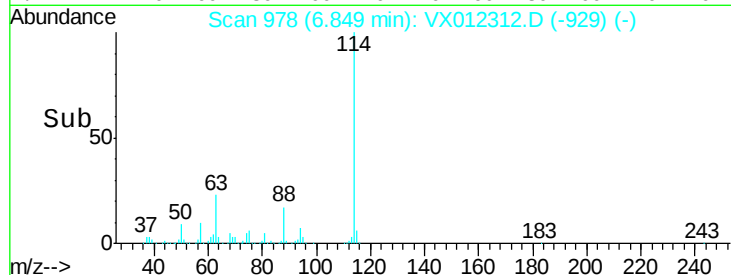
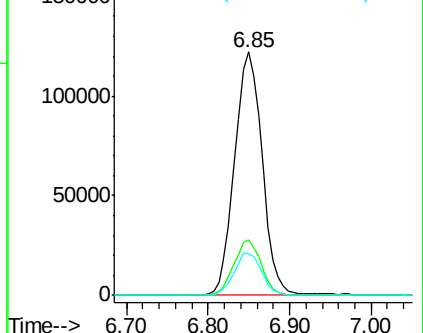
88 16.7 0.0 34.8



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: 46.709 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012312.D

Acq: 11 Sep 2019 19:50

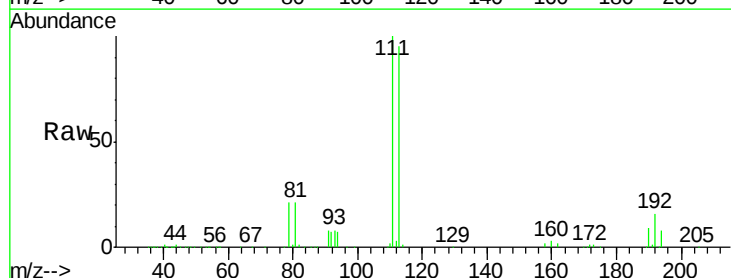
Tgt Ion:113 Resp: 85895

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

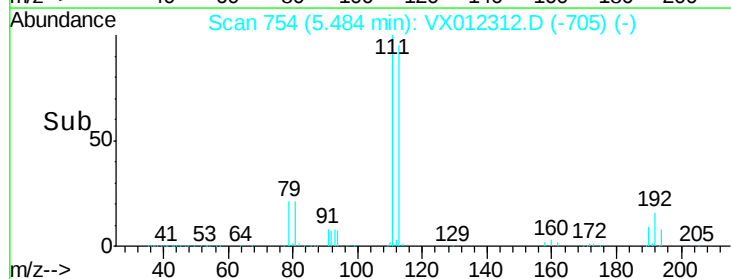
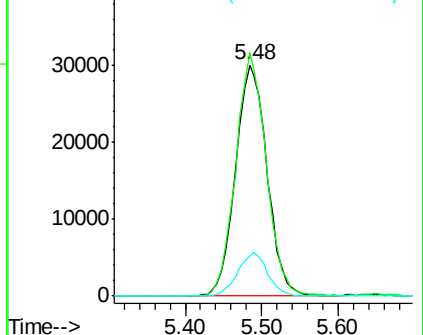
192 17.8 14.3 21.5

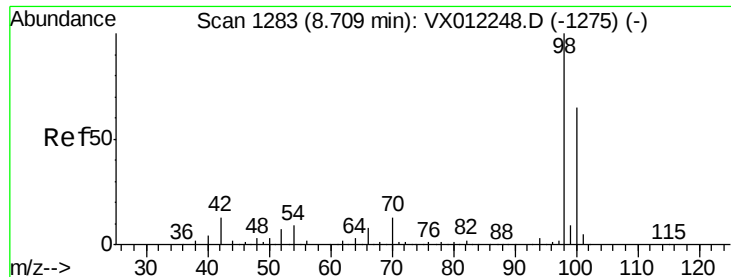


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

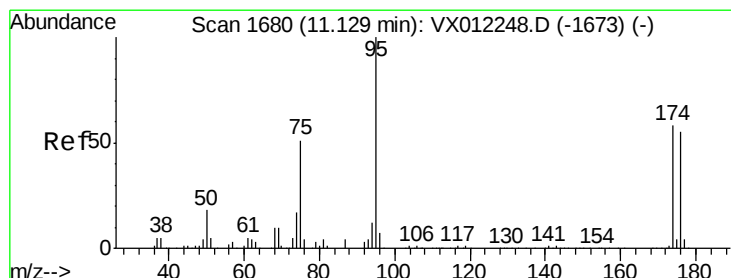
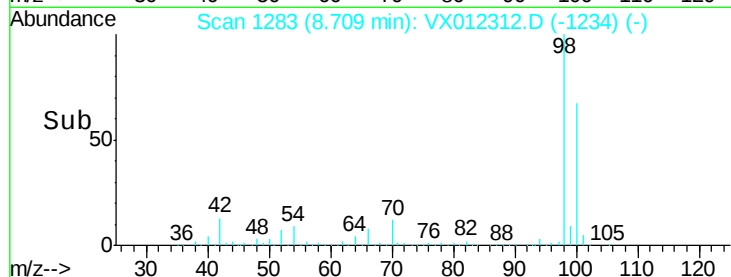
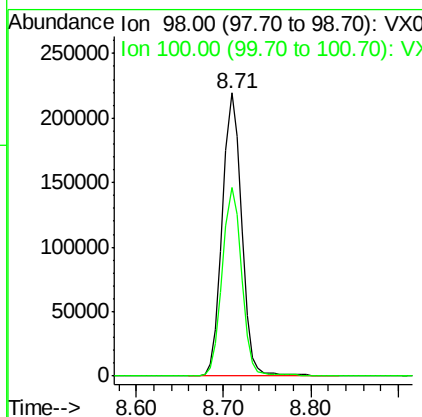
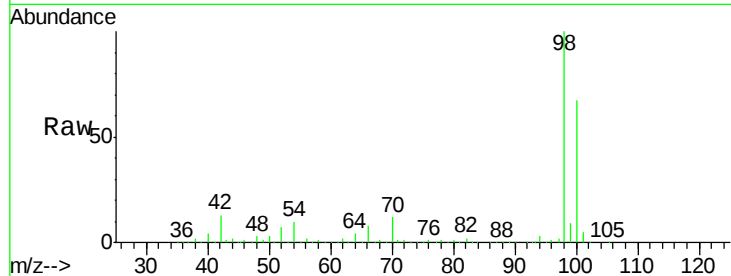




#50
Toluene-d8
Concen: 52.375 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012312.D
Acq: 11 Sep 2019 19:50

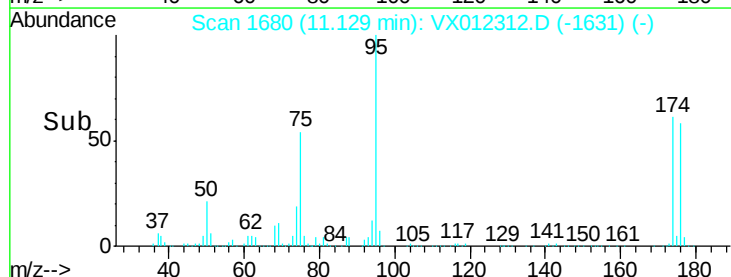
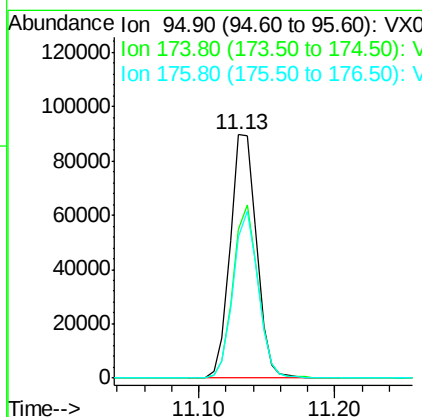
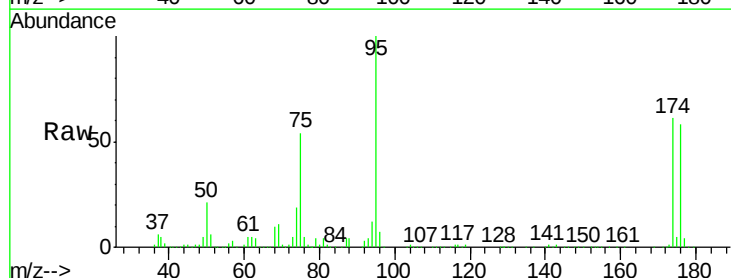
Instrument :
MSVOA_X
ClientSampleId :
T11-B2-(4)

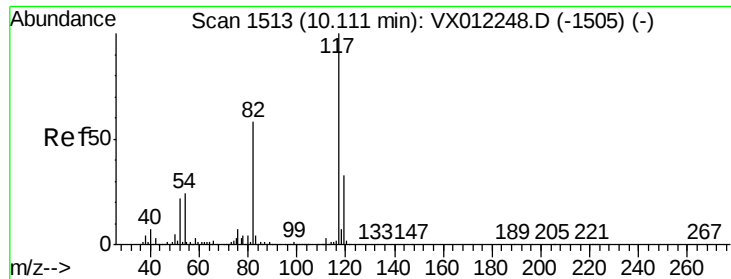
Tot Ion: 98 Resp: 337807
Ion Ratio Lower Upper
98 100
100 67.0 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 40.747 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX012312.D
Acq: 11 Sep 2019 19:50

Tgt Ion: 95 Resp: 121837
Ion Ratio Lower Upper
95 100
174 67.3 0.0 127.0
176 65.1 0.0 125.8

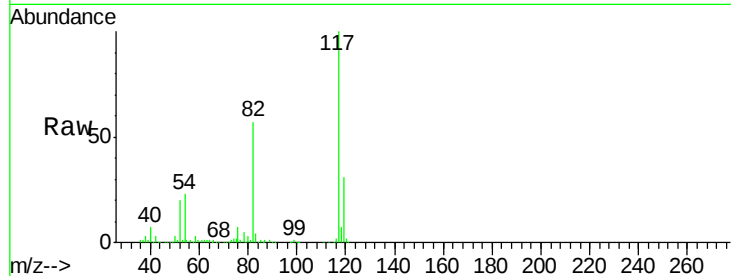




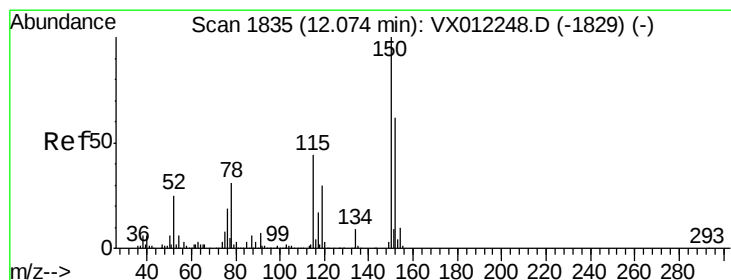
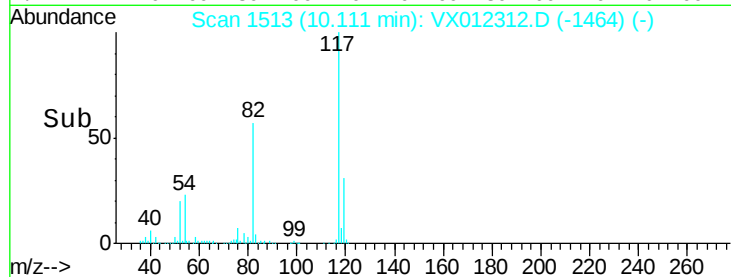
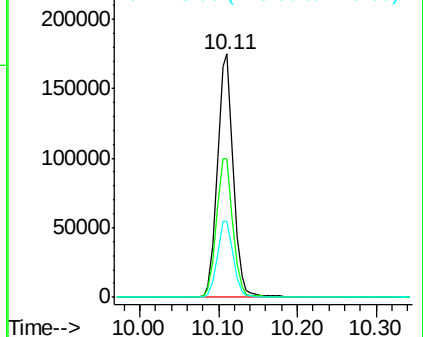
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012312.D
Acq: 11 Sep 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
T11-B2-(4)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.4	69.6
119	31.1	26.6	39.8

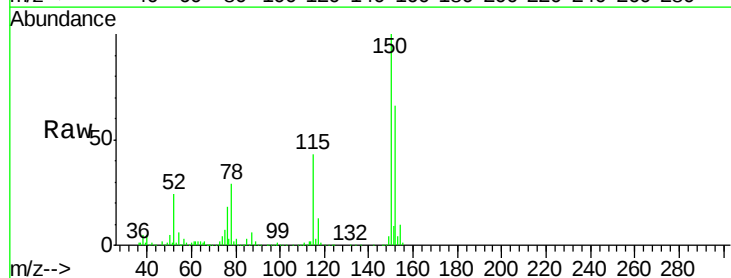


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012312.D
Acq: 11 Sep 2019 19:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	45.5	136.4
150	154.1	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

