

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012162.D
 Acq On : 06 Sep 2019 21:44
 Operator : SY/SP
 Sample : K4601-20
 Misc : 2.64g/5.0mL/MSVOA X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G1-(0)

Quant Time: Sep 07 03:12:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

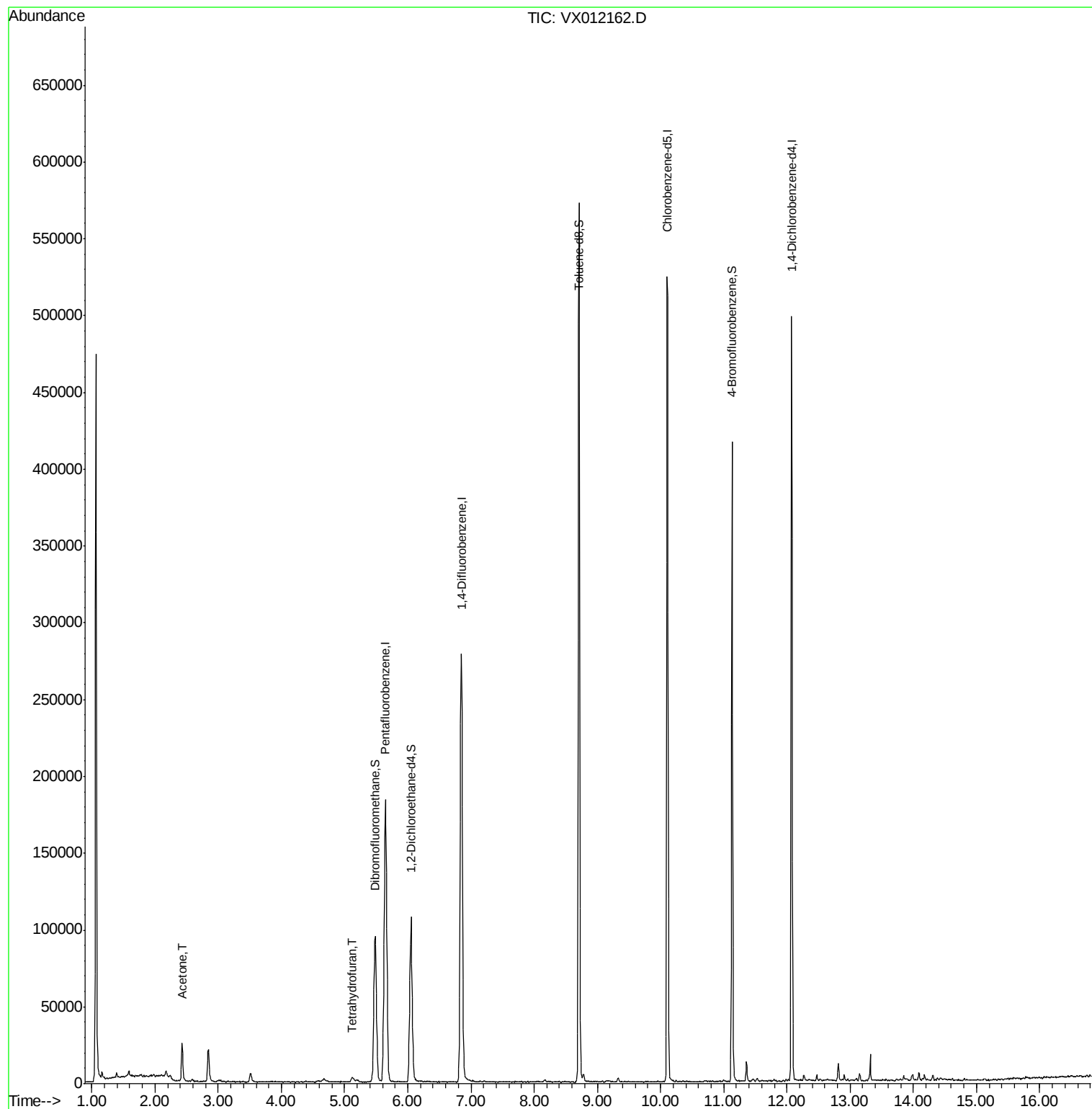
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	269902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107774	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	5.48	113	81668	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	8.71	98	317194	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.13	95	120441	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.04%	
Target Compounds						
16) Acetone	2.42	43	26538	51.838	ug/l	98
29) Tetrahydrofuran	5.13	42	3345	8.520	ug/l	93

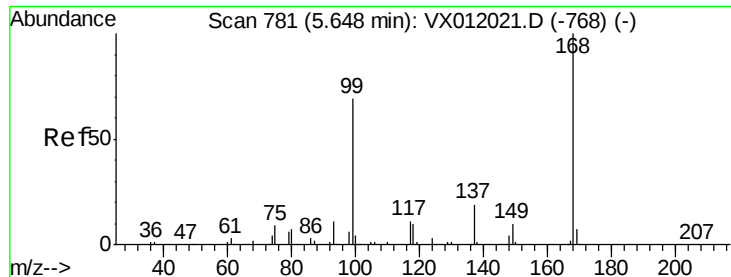
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 03 15:26:48 2019
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: VX012162.D

Acq: 06 Sep 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

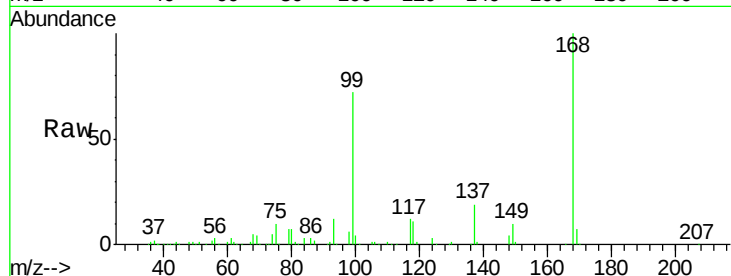
T12-G1-(0)

Tot Ion:168 Resp: 155227

Ion Ratio Lower Upper

168 100

99 71.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

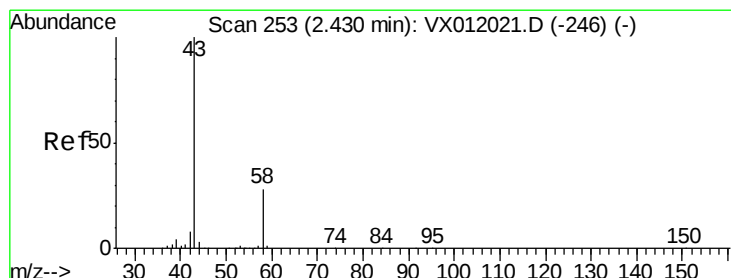
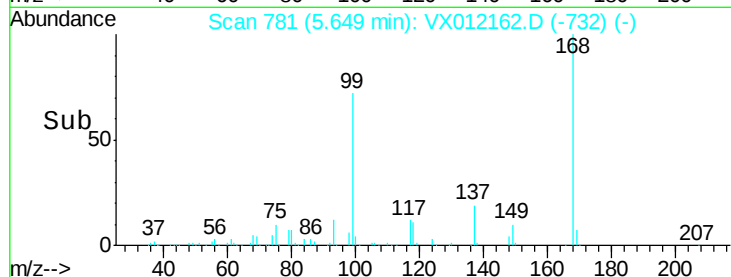
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 51.838 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012162.D

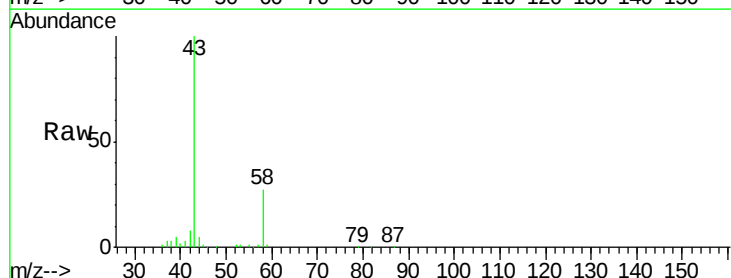
Acq: 06 Sep 2019 21:44

Tgt Ion: 43 Resp: 26538

Ion Ratio Lower Upper

43 100

58 27.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

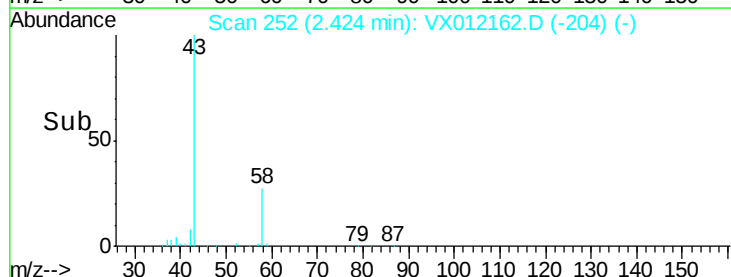
15000

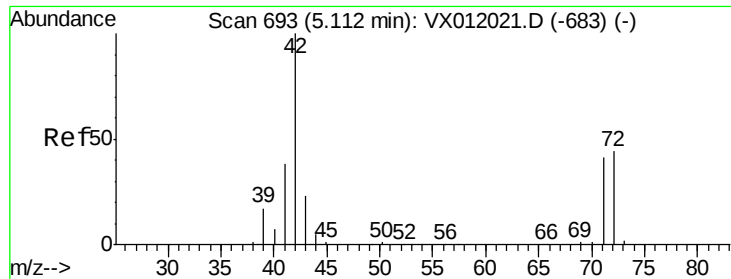
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

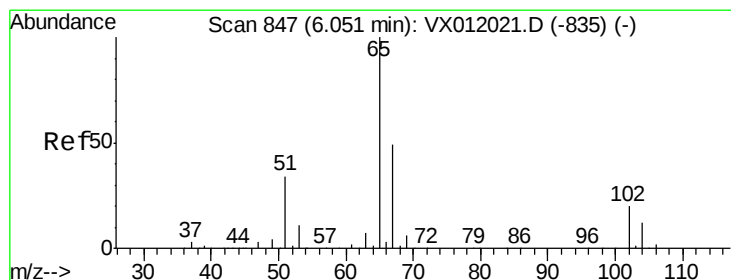
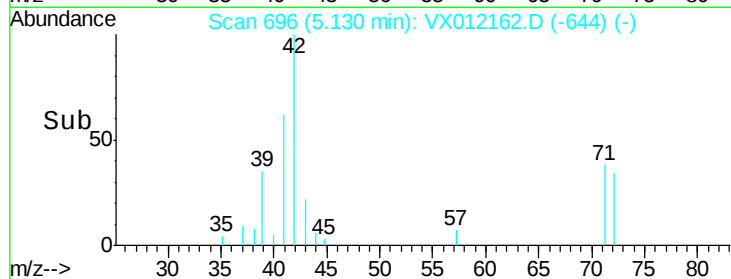
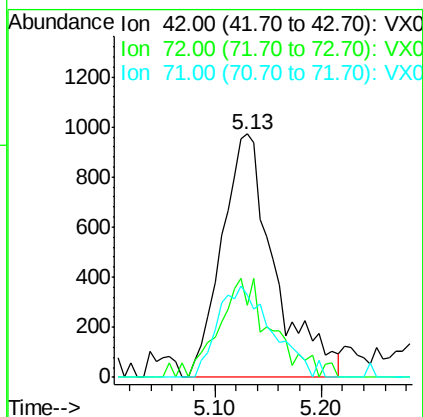
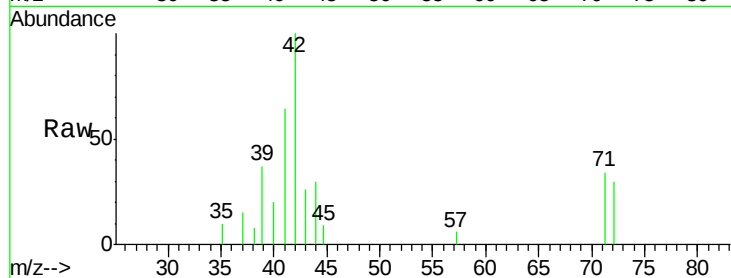




#29
Tetrahydrofuran
Concen: 8.520 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012162.D
Acq: 06 Sep 2019 21:44

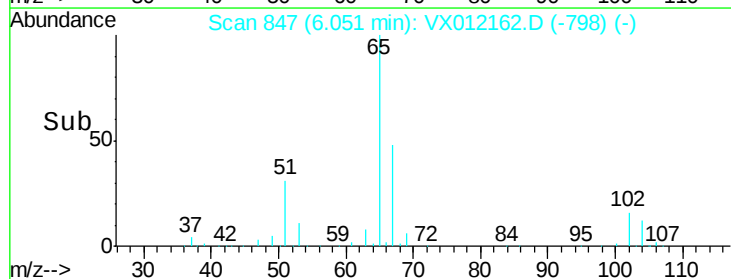
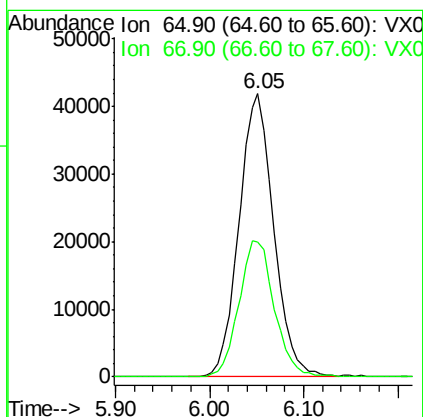
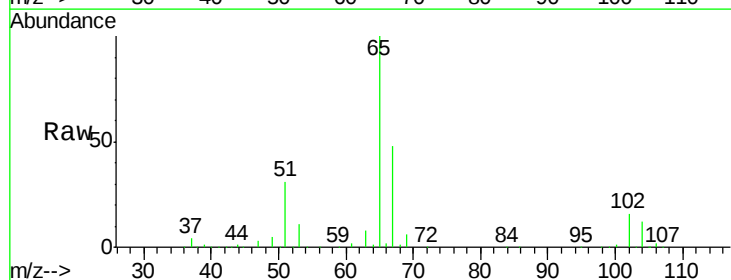
Instrument :
MSVOA_X
ClientSampled :
T12-G1-(0)

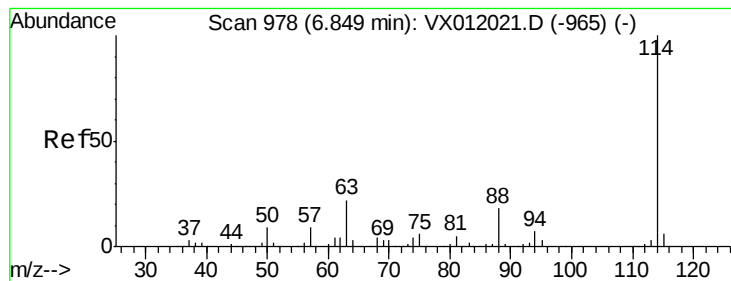
Tot Ion: 42 Resp: 3345
Ion Ratio Lower Upper
42 100
72 39.9 37.0 55.4
71 39.0 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 50.319 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012162.D
Acq: 06 Sep 2019 21:44

Tgt Ion: 65 Resp: 107774
Ion Ratio Lower Upper
65 100
67 49.3 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012162.D

Acq: 06 Sep 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

T12-G1-(0)

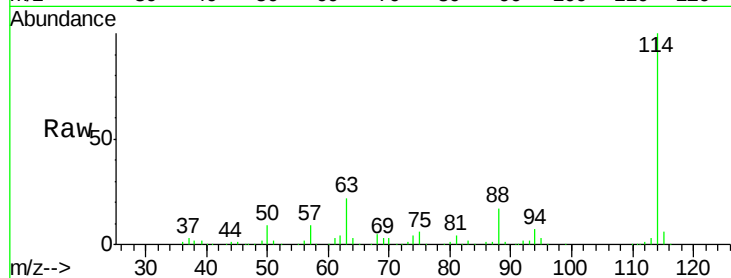
Tot Ion:114 Resp: 269902

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

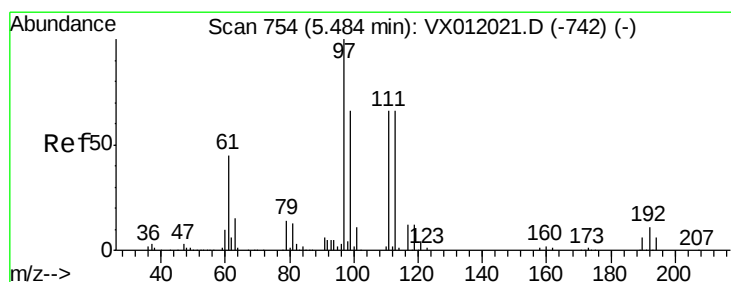
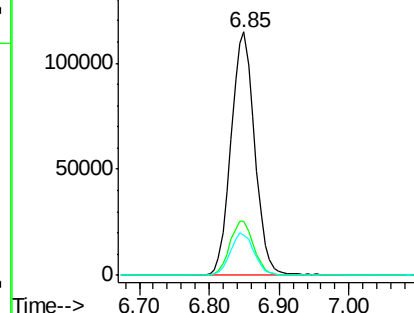
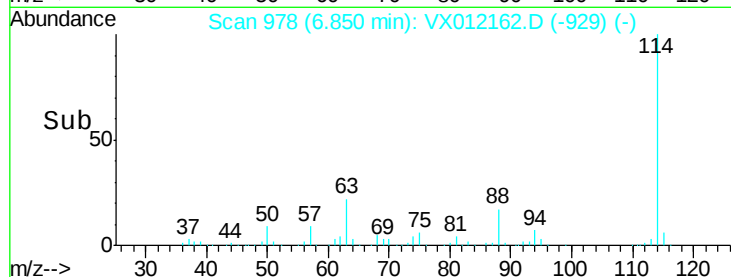
88 16.6 0.0 29.6



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: 49.203 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012162.D

Acq: 06 Sep 2019 21:44

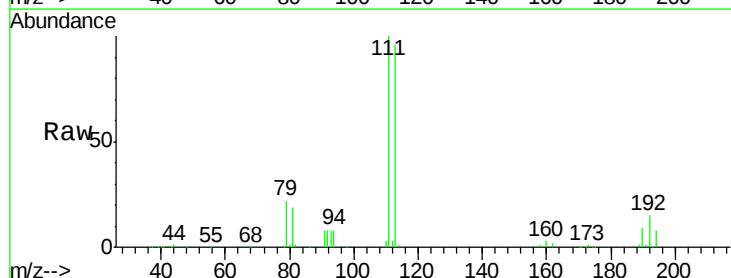
Tgt Ion:113 Resp: 81668

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

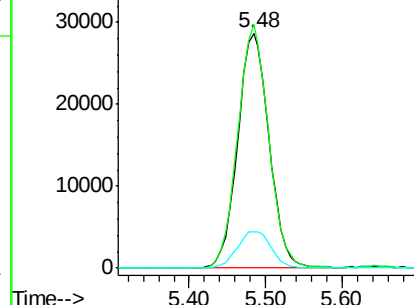
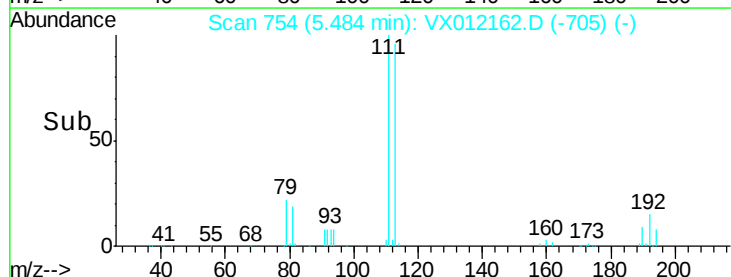
192 16.8 22.5 33.7#

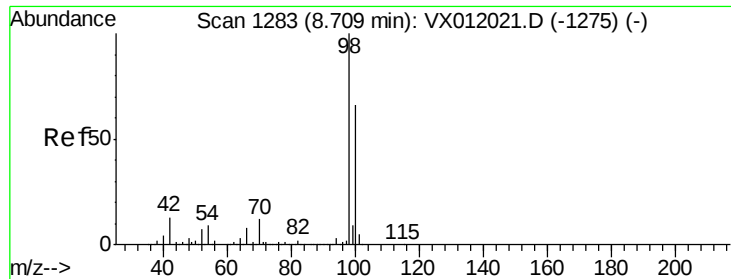


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

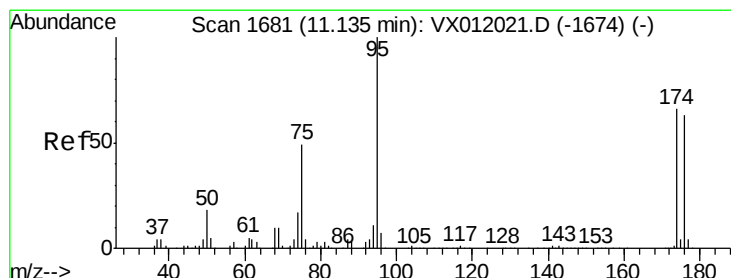
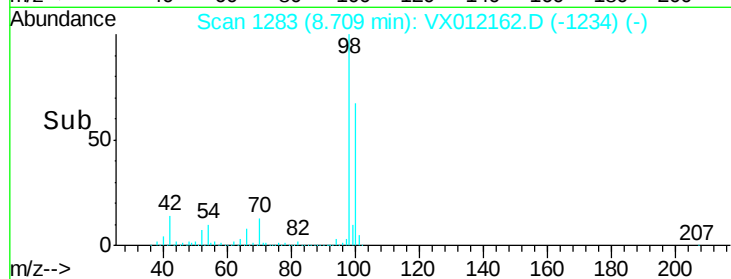
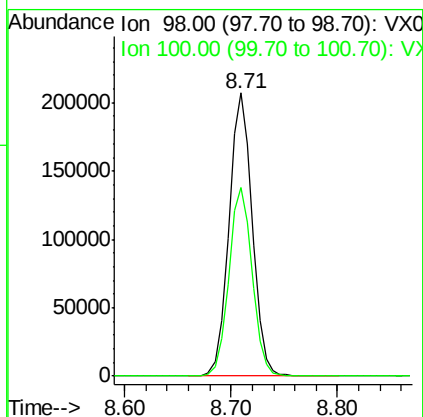
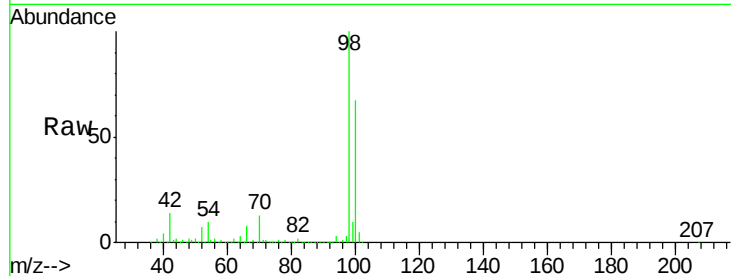




#50
Toluene-d8
Concen: 52.078 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012162.D
Acq: 06 Sep 2019 21:44

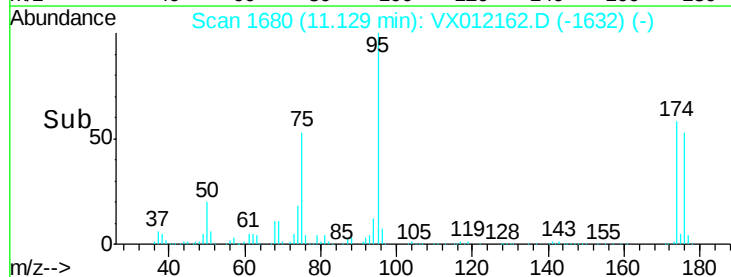
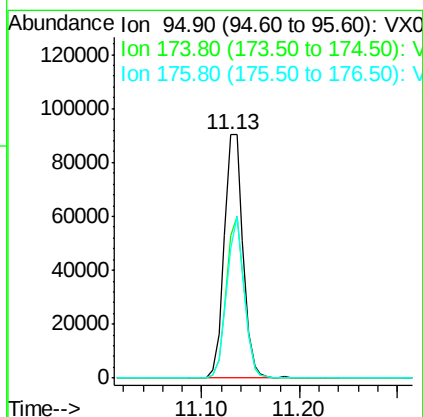
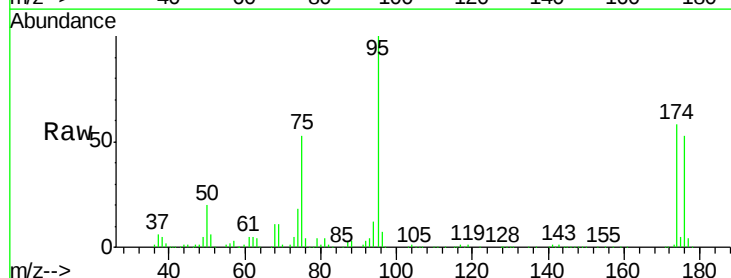
Instrument :
MSVOA_X
ClientSampleId :
T12-G1-(0)

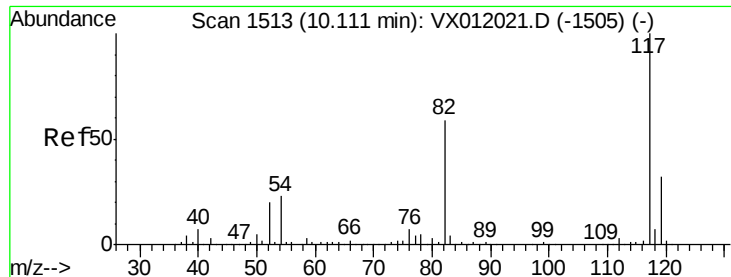
Tot Ion: 98 Resp: 317194
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 42.520 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012162.D
Acq: 06 Sep 2019 21:44

Tgt Ion: 95 Resp: 120441
Ion Ratio Lower Upper
95 100
174 63.2 0.0 205.4
176 61.5 0.0 201.8

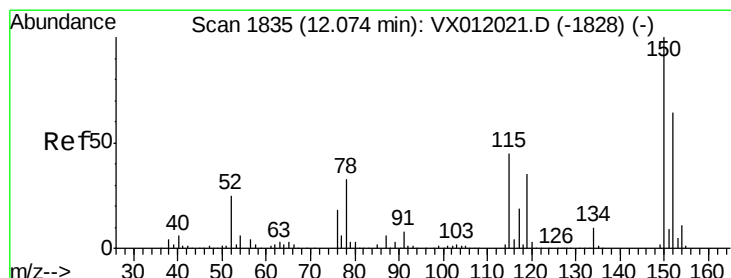
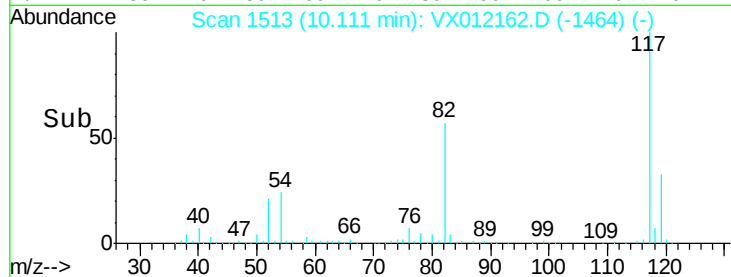
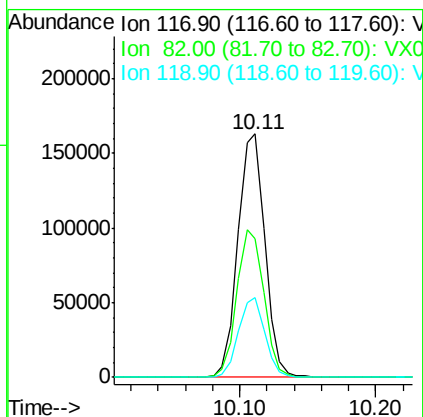
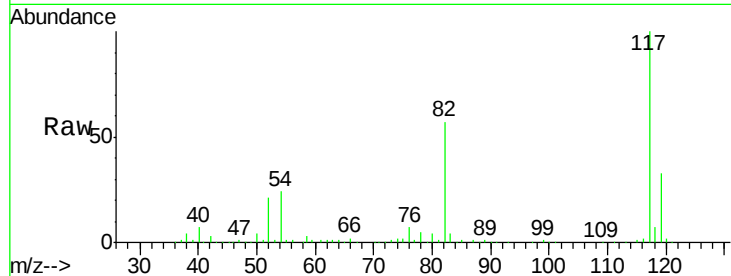




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012162.D
Acq: 06 Sep 2019 21:44

Instrument :
MSVOA_X
ClientSampleId :
T12-G1-(0)

Tot Ion:117 Resp: 226264
Ion Ratio Lower Upper
117 100
82 57.1 39.4 59.0
119 32.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012162.D
Acq: 06 Sep 2019 21:44

Tgt Ion:152 Resp: 91006
Ion Ratio Lower Upper
152 100
115 67.7 36.4 109.3
150 161.5 0.0 341.2

