

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012140.D
 Acq On : 06 Sep 2019 10:47
 Operator : SY/SP
 Sample : K4580-16
 Misc : 4.31g/5.0mL/MSVOA X/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A2-(0)

Quant Time: Sep 06 11:50:49 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

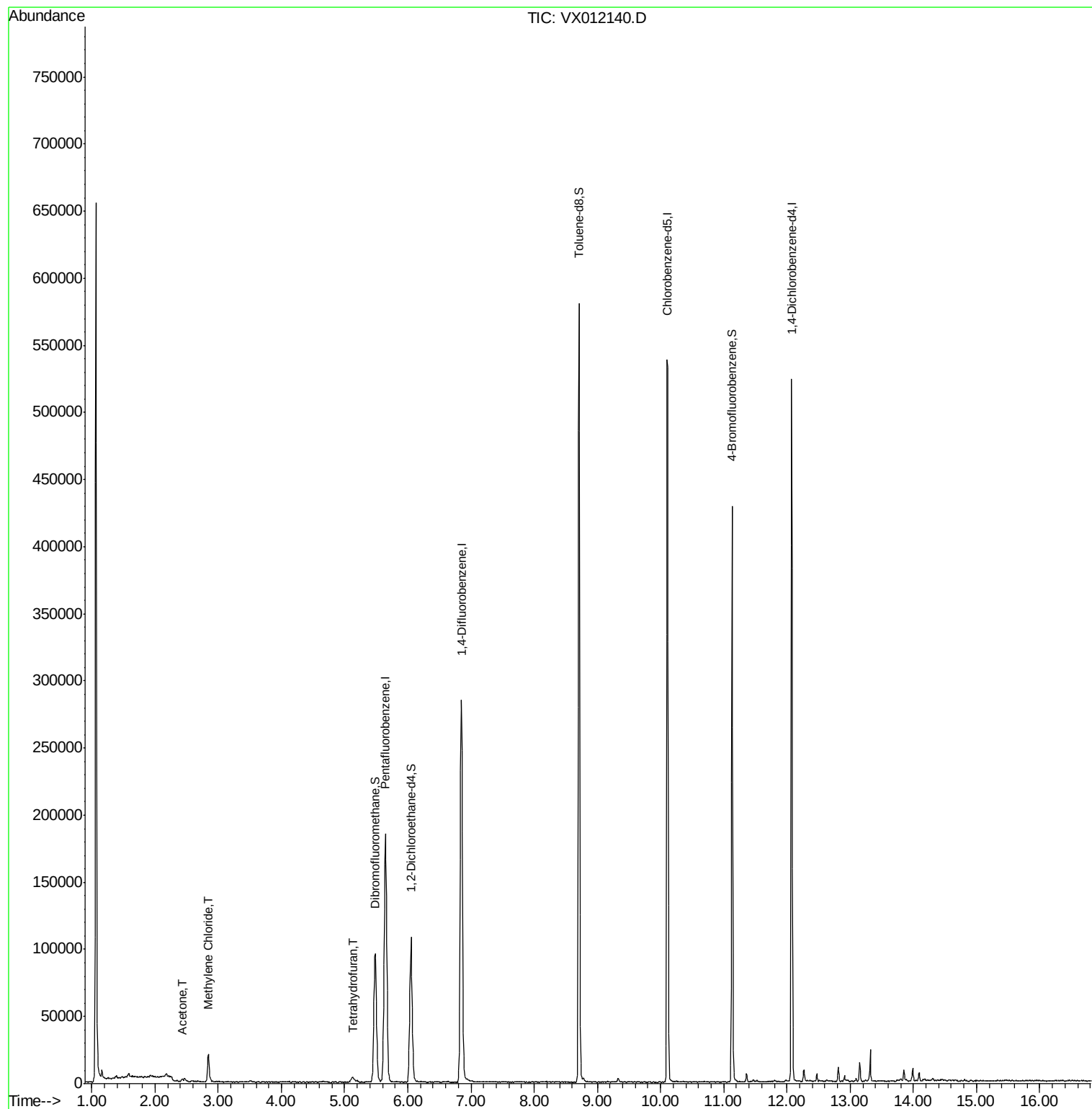
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	108411	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
35) Dibromofluoromethane	5.49	113	83117	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	324162	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.14	95	122163	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.04%	
Target Compounds						
16) Acetone	2.42	43	2224	4.345	ug/l	100
20) Methylene Chloride	2.84	84	9622	4.681	ug/l	94
29) Tetrahydrofuran	5.12	42	3149	8.022	ug/l	92

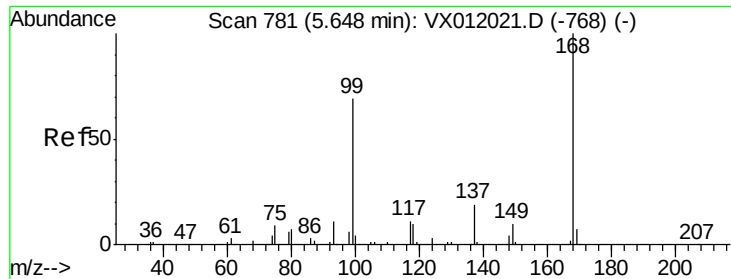
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX012140.D

Acq: 06 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

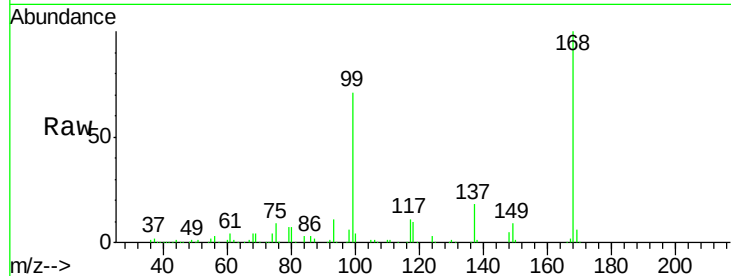
T12-A2-(0)

Tot Ion:168 Resp: 155201

Ion Ratio Lower Upper

168 100

99 70.6 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

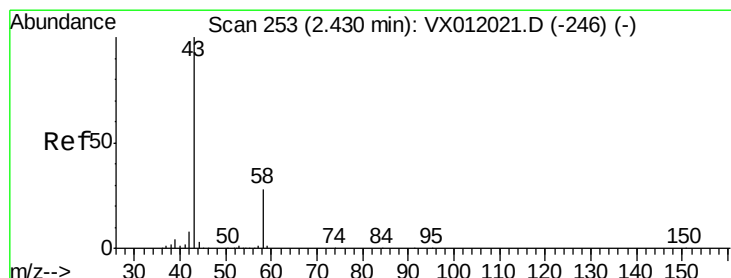
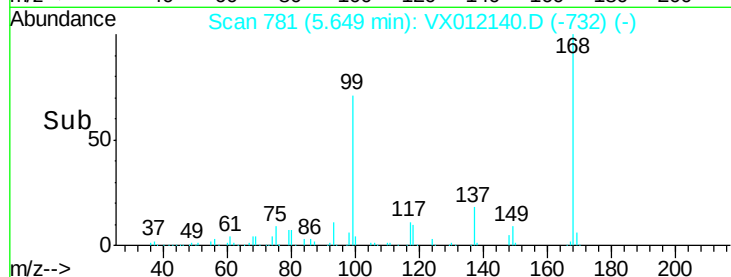
20000

10000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 4.345 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012140.D

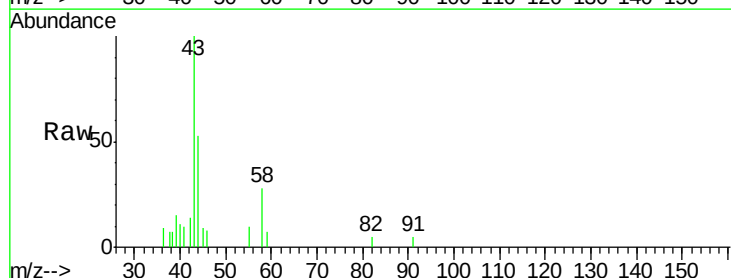
Acq: 06 Sep 2019 10:47

Tgt Ion: 43 Resp: 2224

Ion Ratio Lower Upper

43 100

58 28.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200

1000

800

600

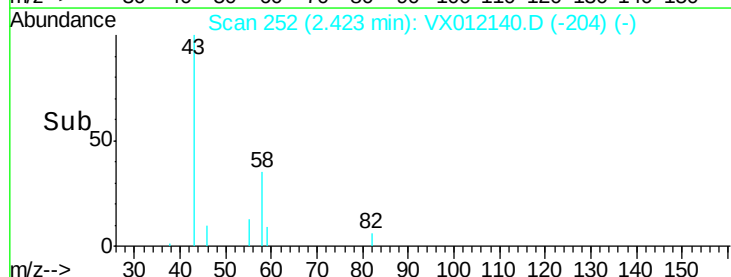
400

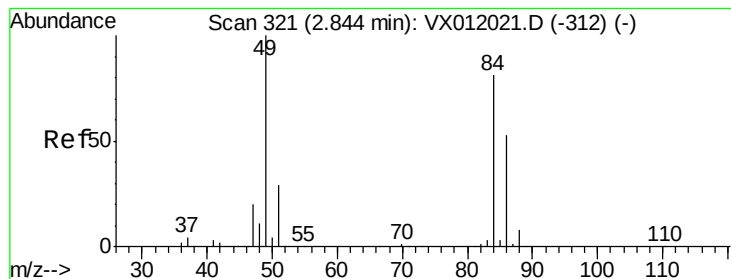
200

0

Time-->

2.35 2.40 2.45 2.50





#20

Methvlene Chloride

Concen: 4.681 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX012140.D

Acq: 06 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampled :

T12-A2-(0)

Tot Ion: 84 Resp: 9622

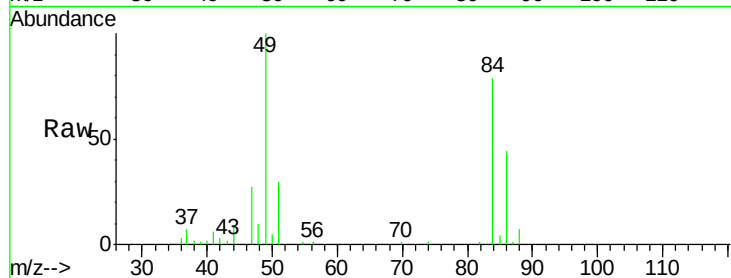
Ion Ratio Lower Upper

84 100

49 124.9 95.8 143.8

51 38.0 28.6 43.0

86 55.6 50.9 76.3

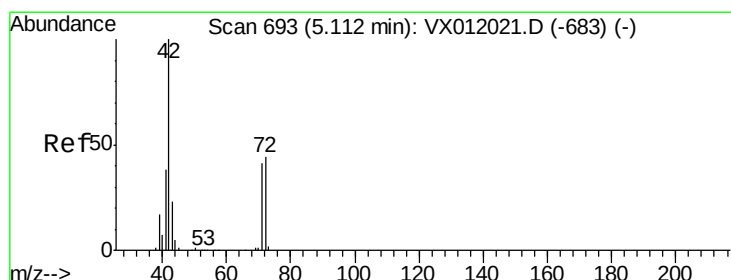
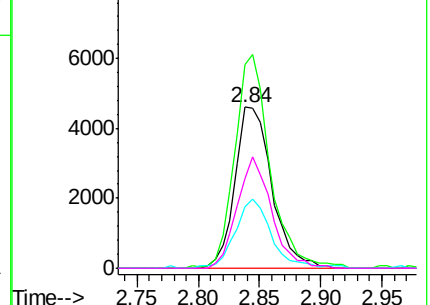
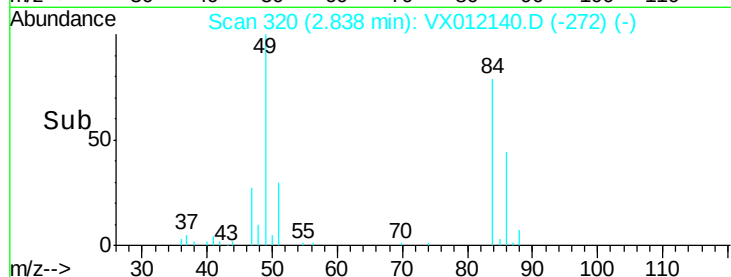


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#29

Tetrahydrofuran

Concen: 8.022 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012140.D

Acq: 06 Sep 2019 10:47

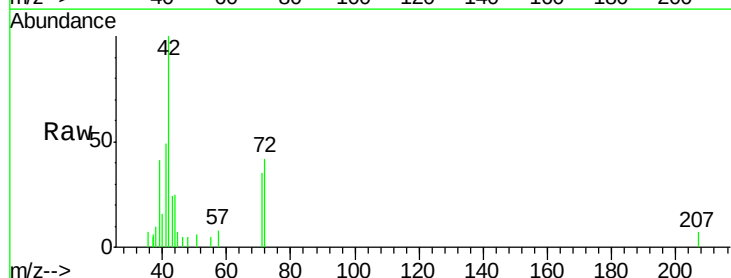
Tgt Ion: 42 Resp: 3149

Ion Ratio Lower Upper

42 100

72 50.5 37.0 55.4

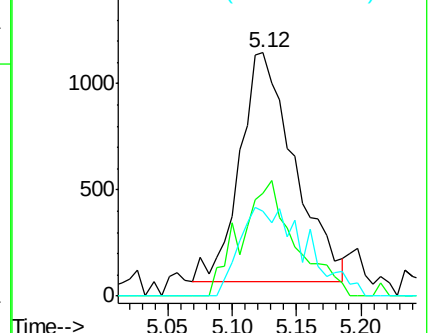
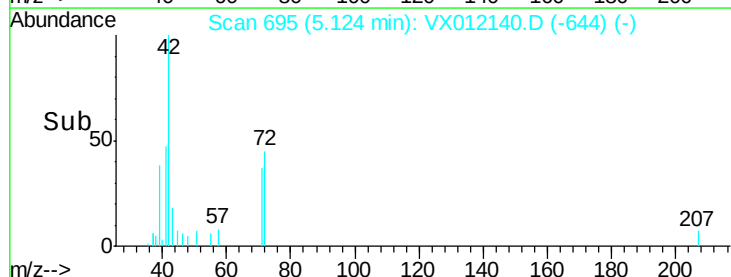
71 47.8 33.8 50.8

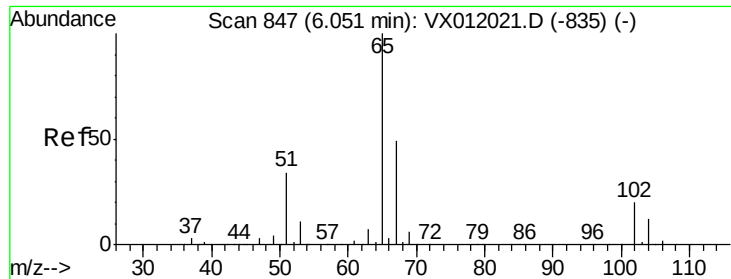


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

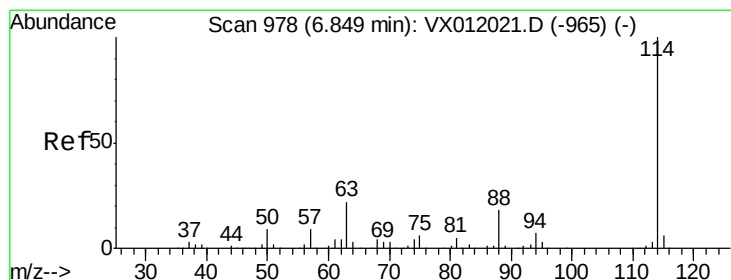
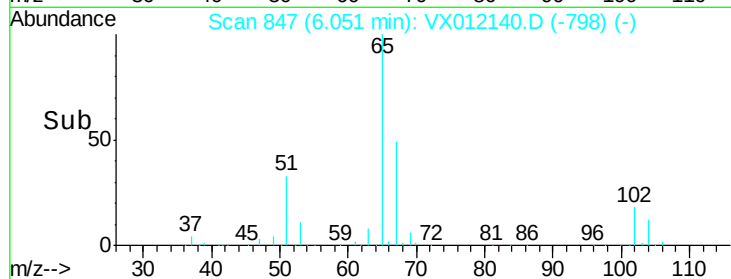
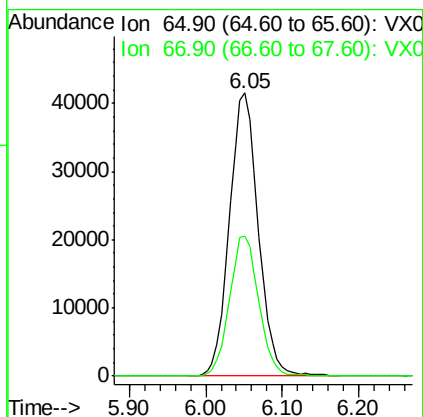
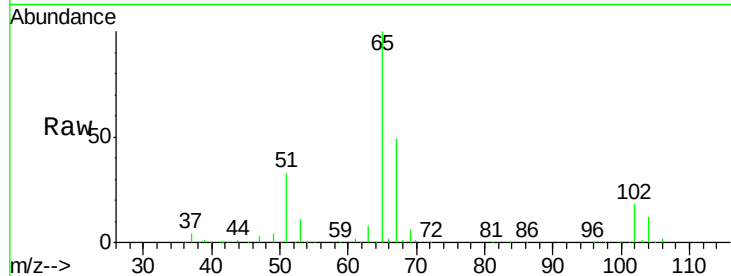




#33
 1,2-Dichloroethane-d4
 Concen: 50.625 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012140.D
 Acq: 06 Sep 2019 10:47

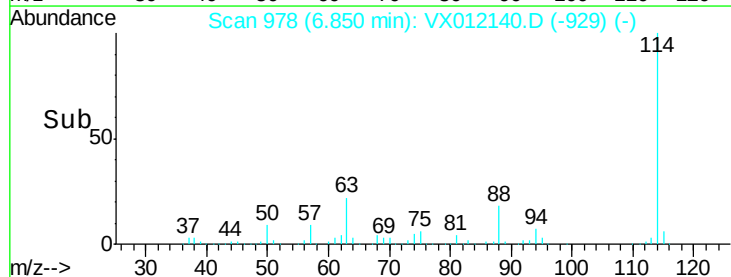
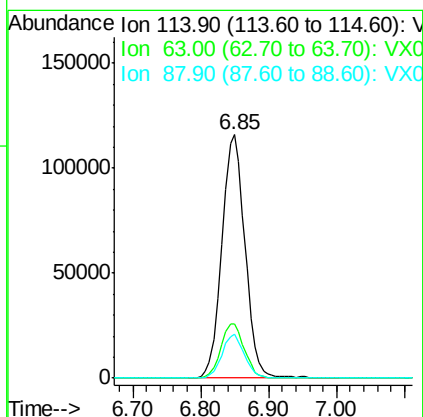
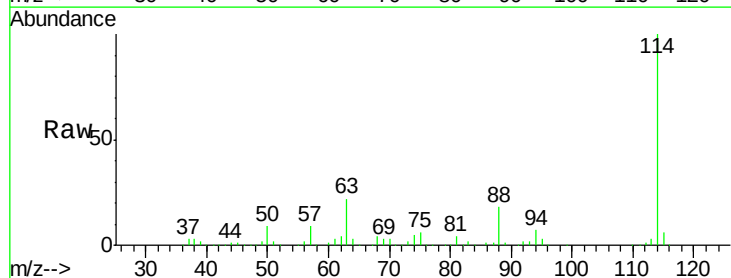
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A2-(0)

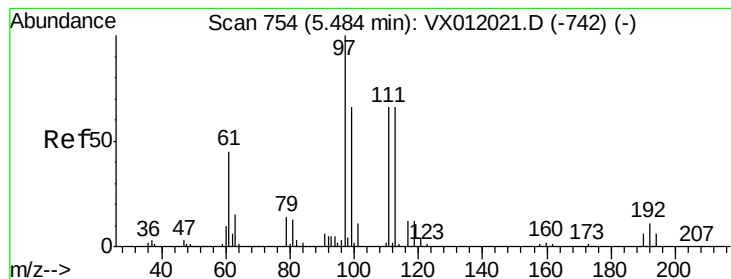
Tot Ion: 65 Resp: 108411
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012140.D
 Acq: 06 Sep 2019 10:47

Tgt Ion: 114 Resp: 273763
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 37.4
 88 17.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.370 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012140.D

Acq: 06 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

T12-A2-(0)

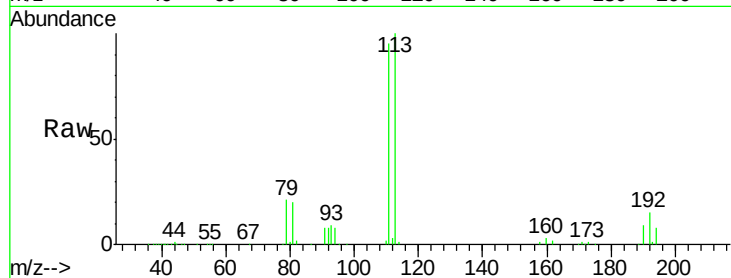
Tot Ion:113 Resp: 83117

Ion Ratio Lower Upper

113 100

111 101.1 81.7 122.5

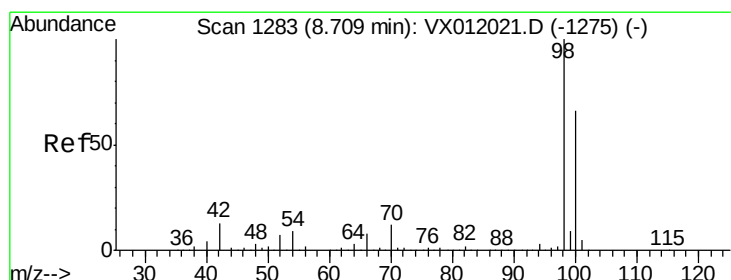
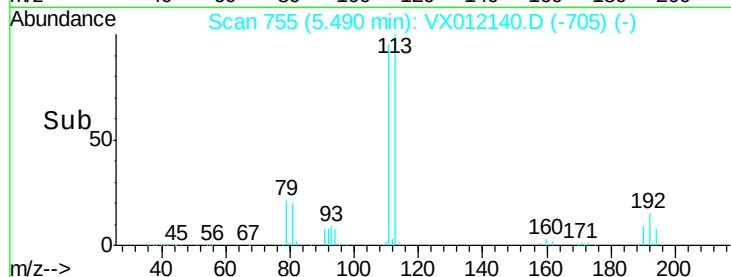
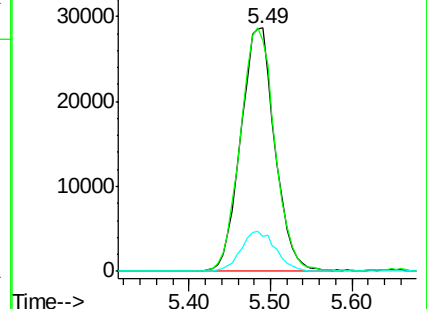
192 16.8 22.5 33.7#



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: 52.471 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012140.D

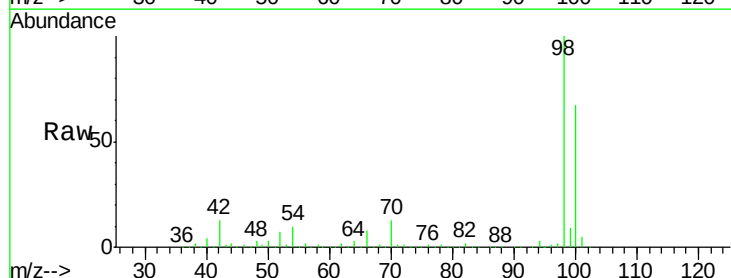
Acq: 06 Sep 2019 10:47

Tgt Ion: 98 Resp: 324162

Ion Ratio Lower Upper

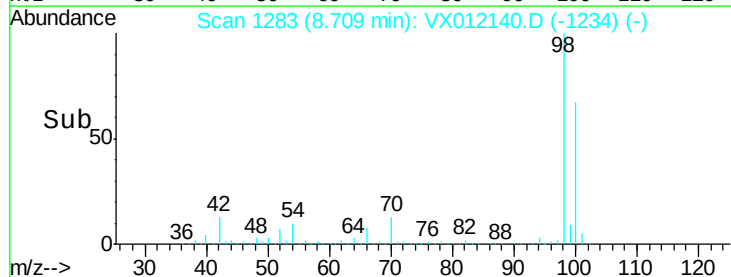
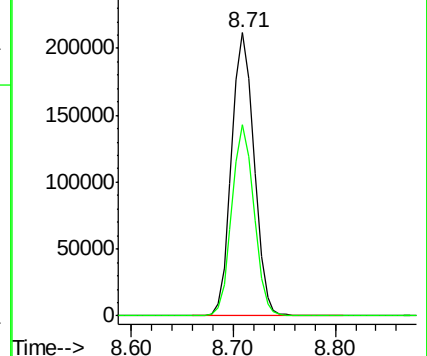
98 100

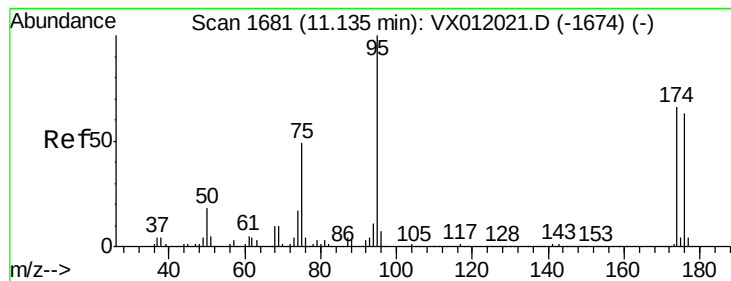
100 66.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.520 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012140.D

Acq: 06 Sep 2019 10:47

Instrument :

MSVOA_X

ClientSampleId :

T12-A2-(0)

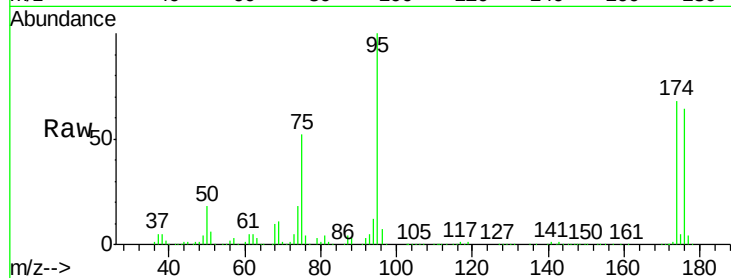
Tot Ion: 95 Resp: 122163

Ion Ratio Lower Upper

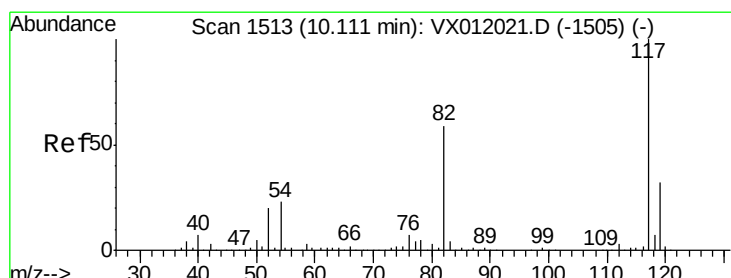
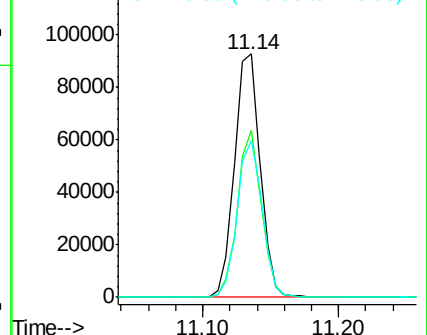
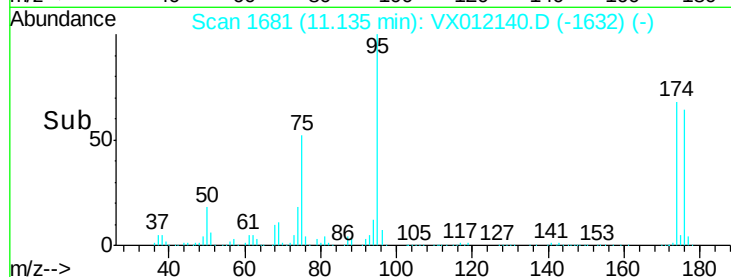
95 100

174 64.2 0.0 205.4

176 62.7 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012140.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012140.D

Acq: 06 Sep 2019 10:47

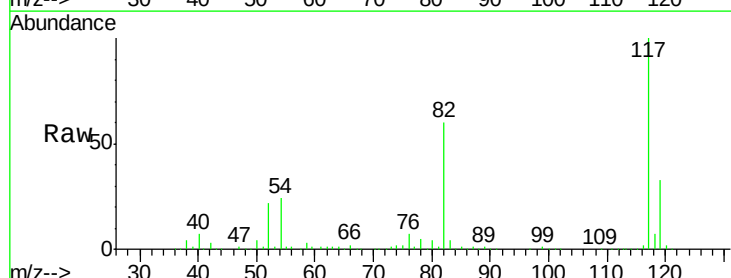
Tgt Ion: 117 Resp: 234184

Ion Ratio Lower Upper

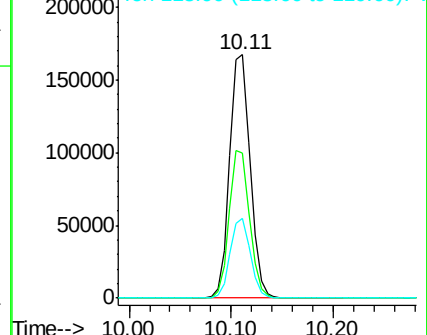
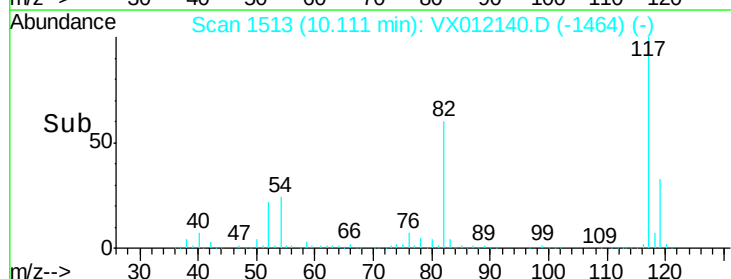
117 100

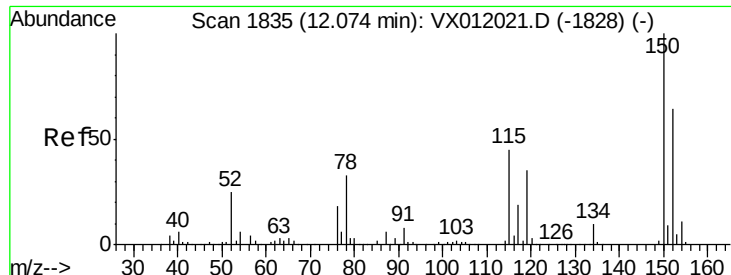
82 59.6 39.4 59.0#

119 32.7 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VX012140.D (-1464) (-)

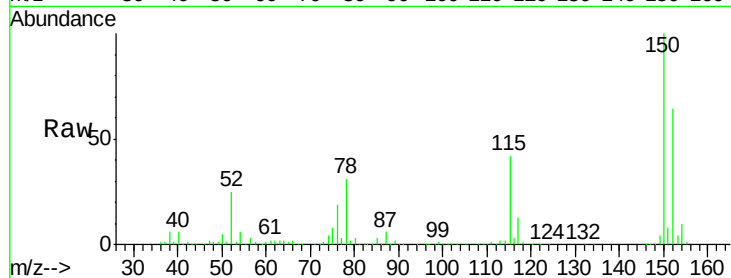




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012140.D
 Acq: 06 Sep 2019 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A2-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.7	36.4	109.3
150	157.5	0.0	341.2



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

