

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012277.D
 Acq On : 11 Sep 2019 02:11
 Operator : SY/SP
 Sample : K4643-03
 Misc : 3.84g/5.0mL/MSVOA X/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-B2-(0)

Quant Time: Sep 11 03:29:58 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

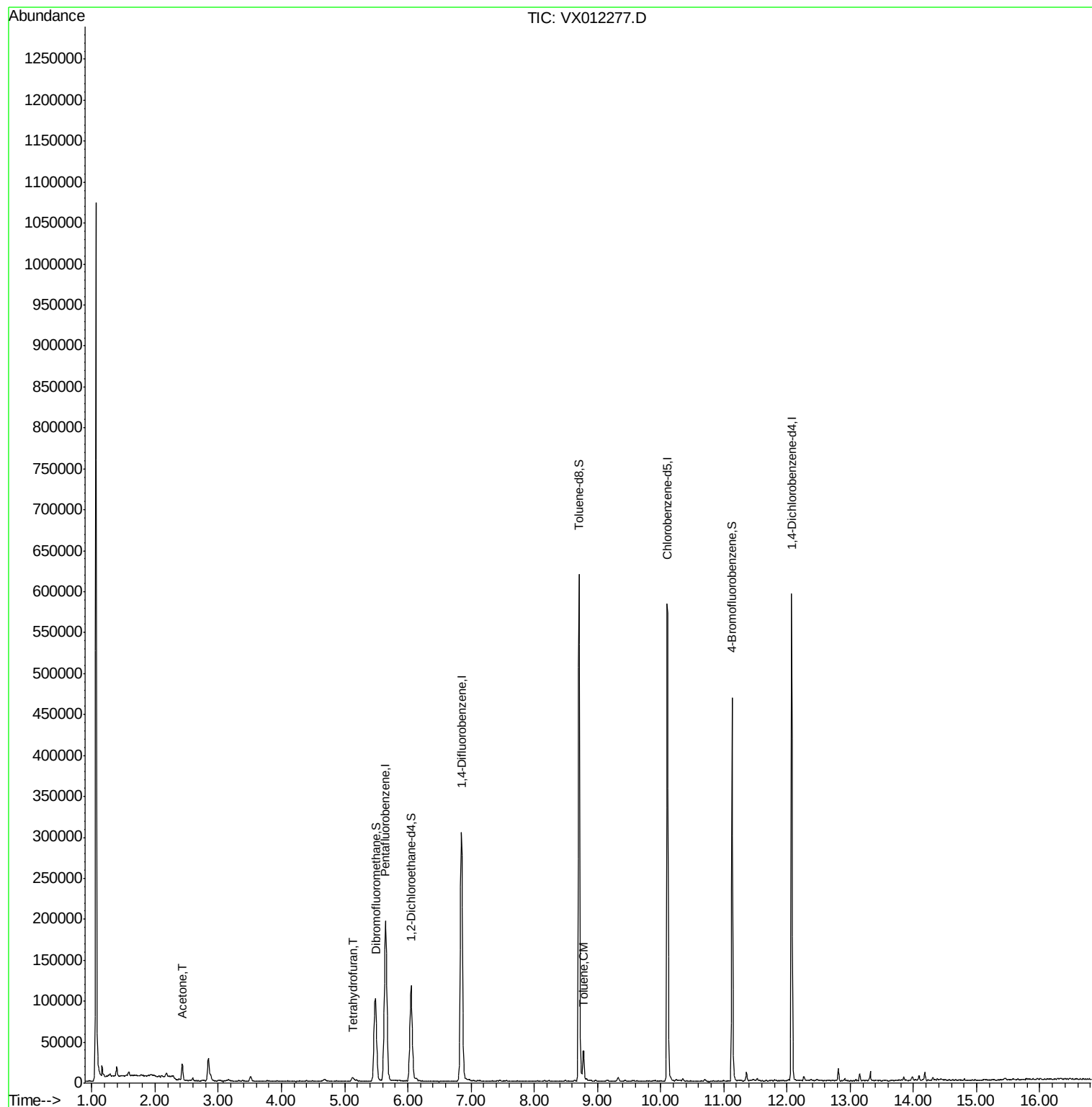
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	115900	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
35) Dibromofluoromethane	5.49	113	88149	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
50) Toluene-d8	8.71	98	350411	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	11.14	95	134055	43.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.62%	
Target Compounds						
16) Acetone	2.43	43	22234	40.213	ug/l	96
29) Tetrahydrofuran	5.13	42	4891	12.825	ug/l	96
52) Toluene	8.78	92	13151	3.073	ug/l	97

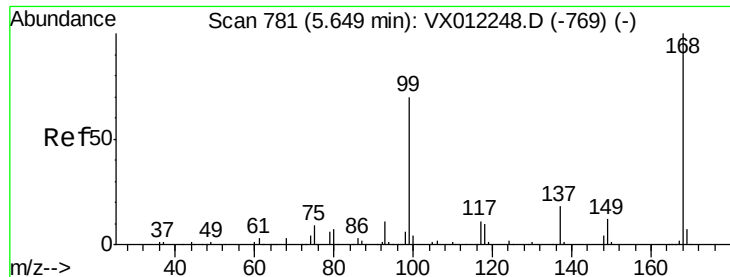
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
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: VX012277.D

Acq: 11 Sep 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

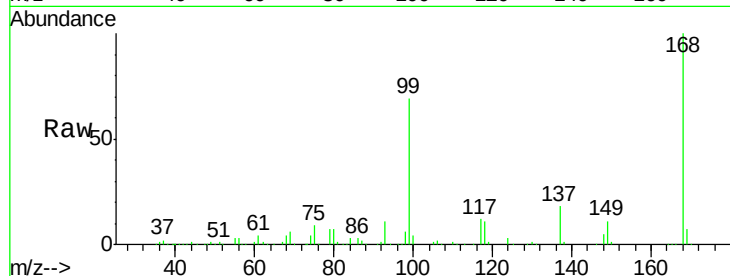
T11-B2-(0)

Tot Ion:168 Resp: 165198

Ion Ratio Lower Upper

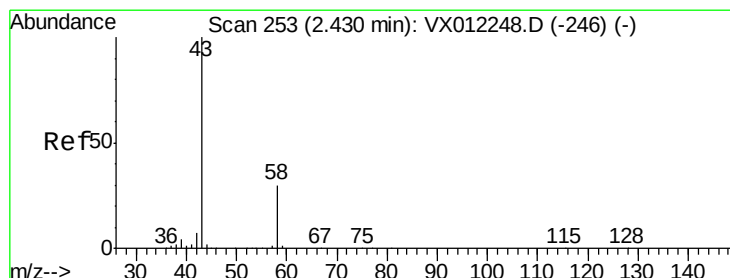
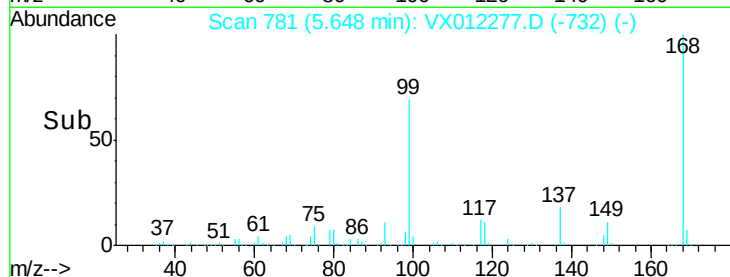
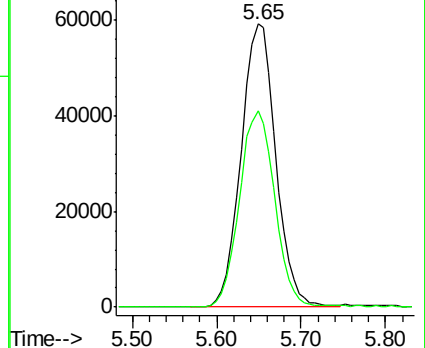
168 100

99 69.1 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: 40.213 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012277.D

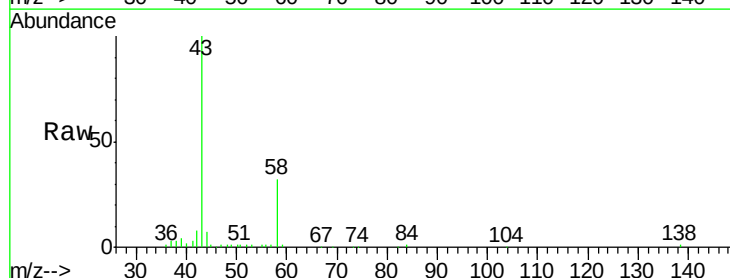
Acq: 11 Sep 2019 02:11

Tgt Ion: 43 Resp: 22234

Ion Ratio Lower Upper

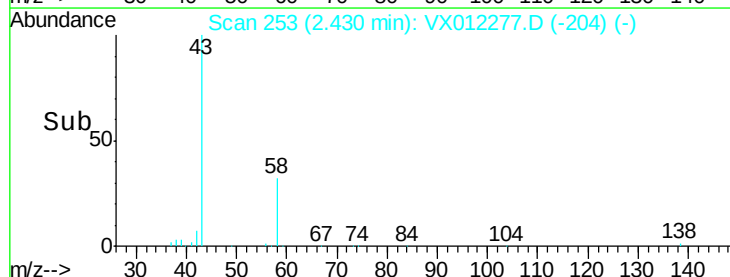
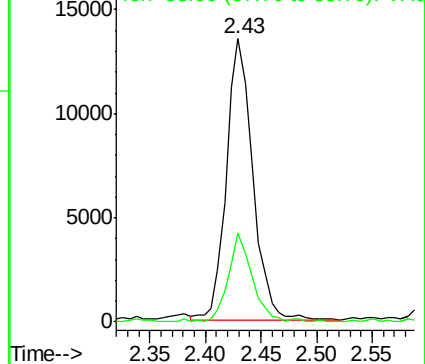
43 100

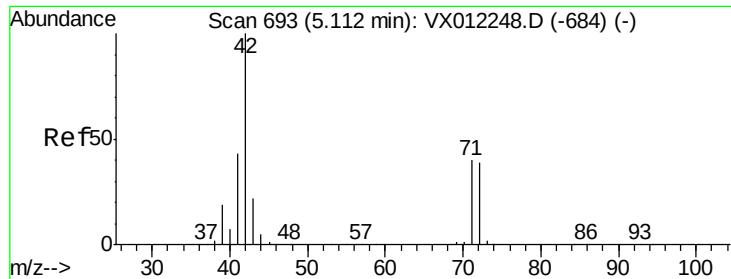
58 31.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

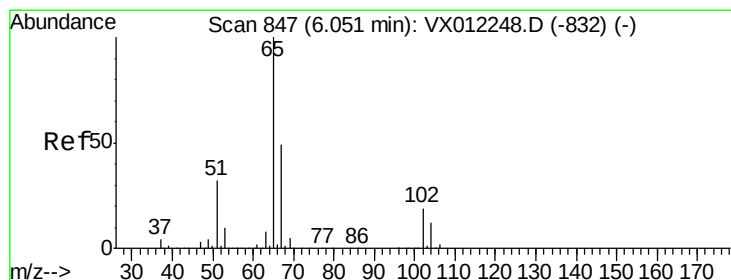
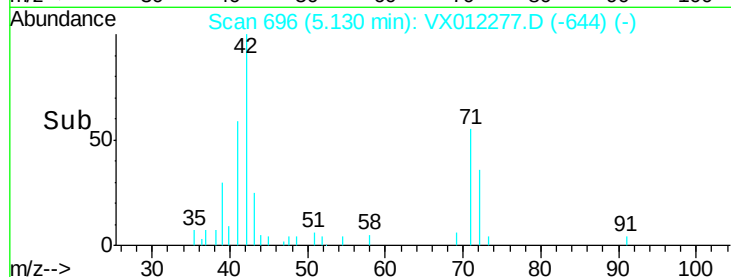
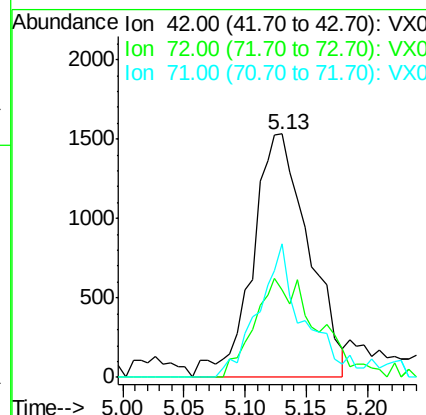
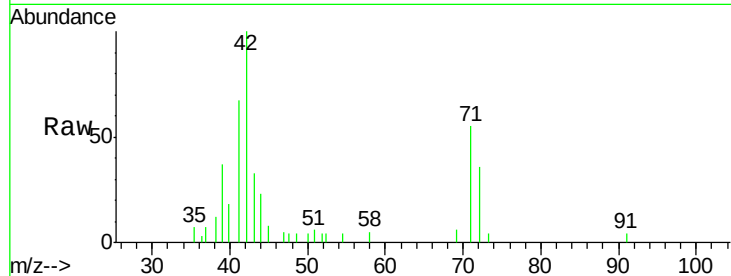




#29
Tetrahydrofuran
Concen: 12.825 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012277.D
Acq: 11 Sep 2019 02:11

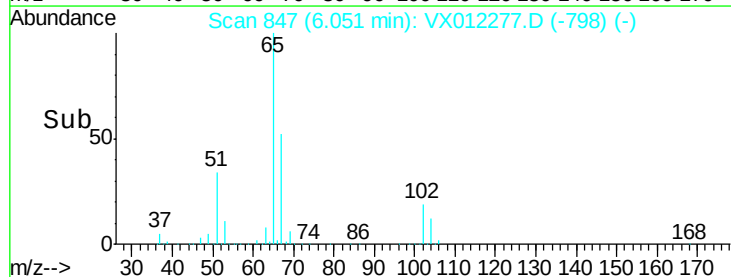
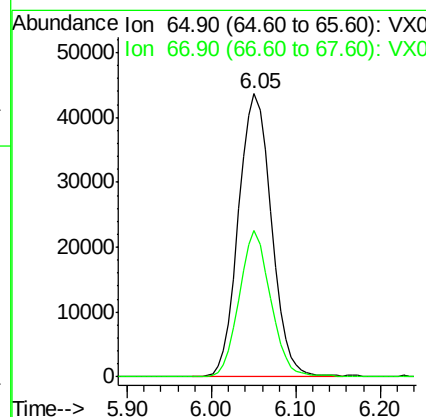
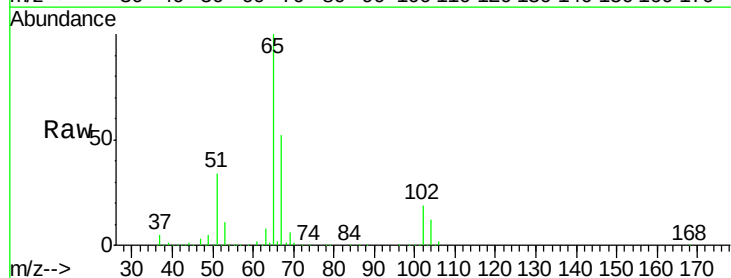
Instrument :
MSVOA_X
ClientSampled :
T11-B2-(0)

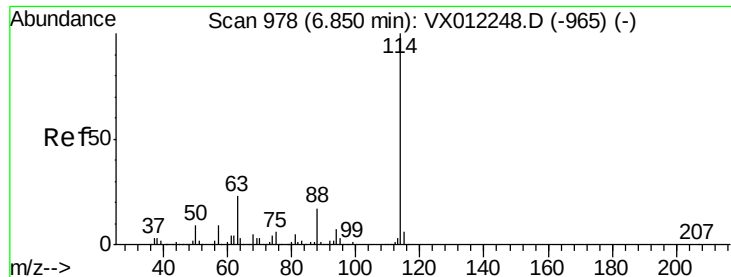
Tot Ion: 42 Resp: 4891
Ion Ratio Lower Upper
42 100
72 45.7 35.2 52.8
71 44.4 32.5 48.7



#33
1,2-Dichloroethane-d4
Concen: 49.624 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012277.D
Acq: 11 Sep 2019 02:11

Tgt Ion: 65 Resp: 115900
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: VX012277.D

Acq: 11 Sep 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

T11-B2-(0)

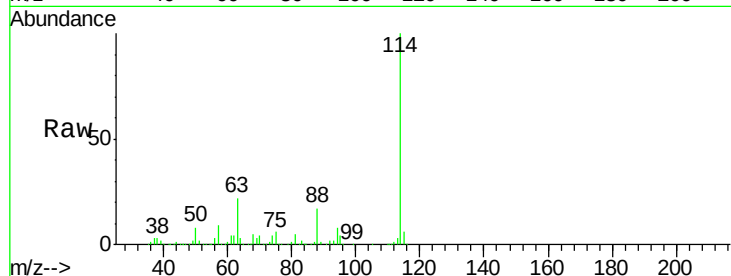
Tot Ion:114 Resp: 293591

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

88 17.1 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

150000

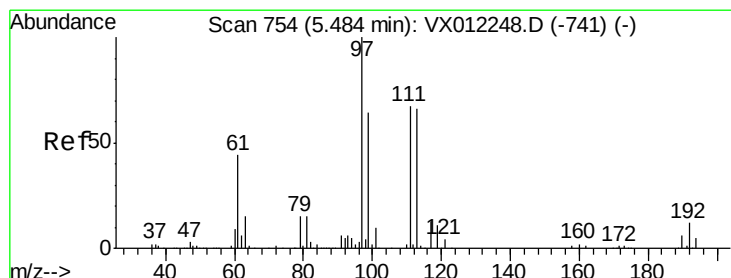
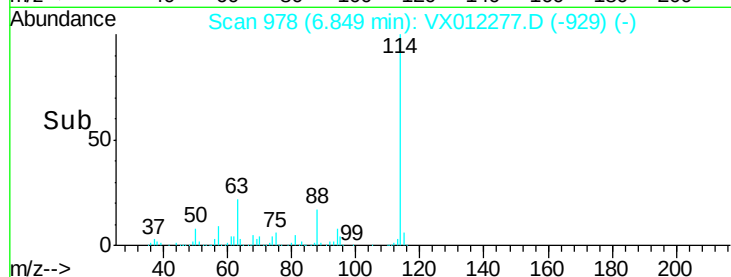
100000

50000

0

6.85

Time-->



#35

Dibromofluoromethane

Concen: 46.837 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012277.D

Acq: 11 Sep 2019 02:11

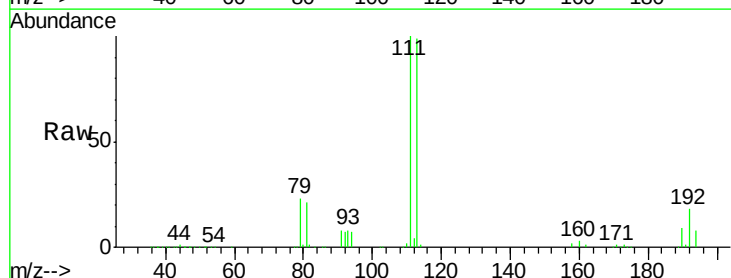
Tgt Ion:113 Resp: 88149

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.6

192 17.3 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

40000

30000

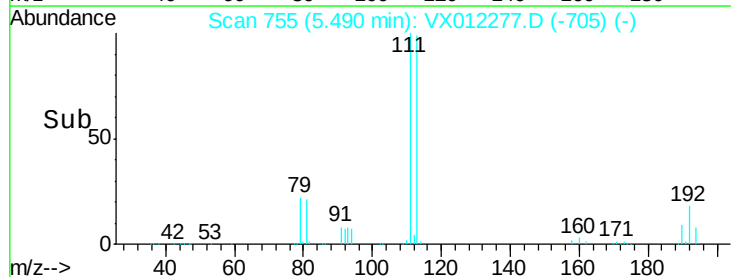
20000

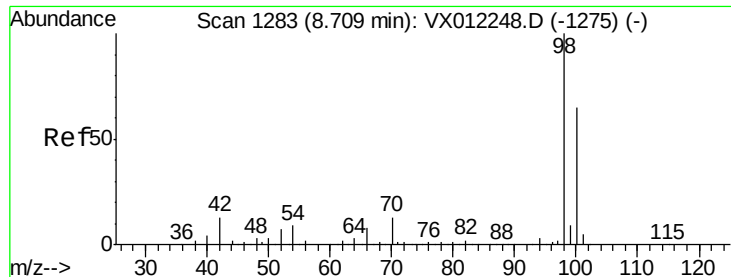
10000

0

5.49

Time-->

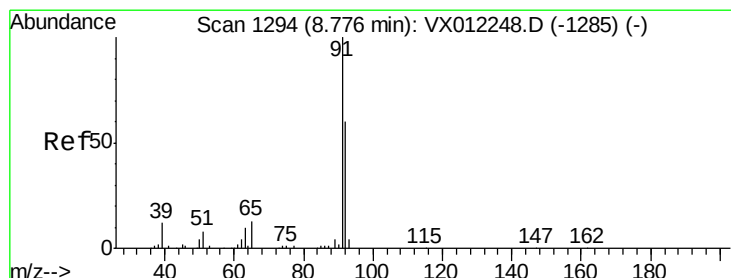
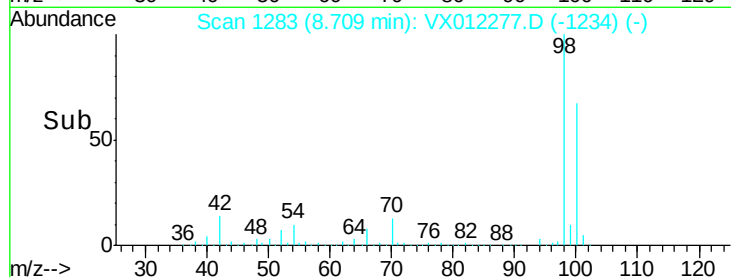
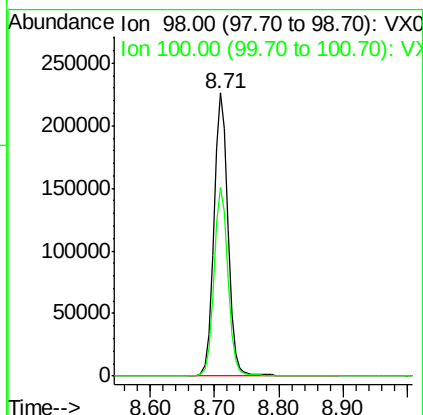
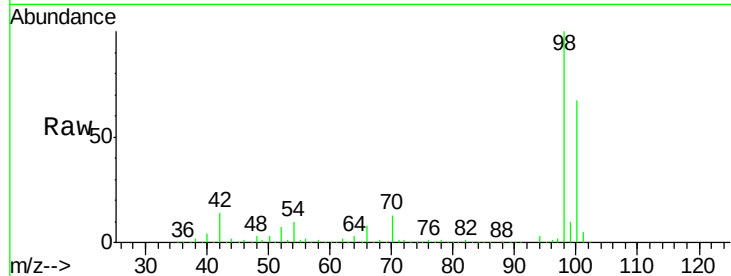




#50
Toluene-d8
Concen: 53.084 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012277.D
Acq: 11 Sep 2019 02:11

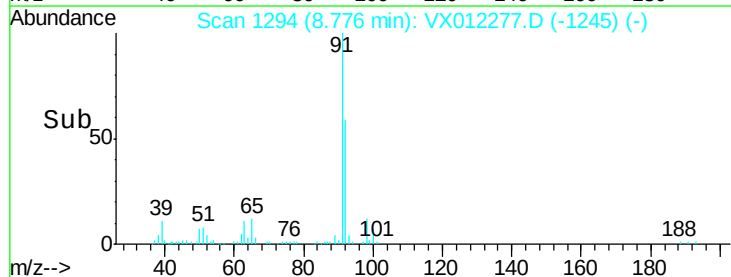
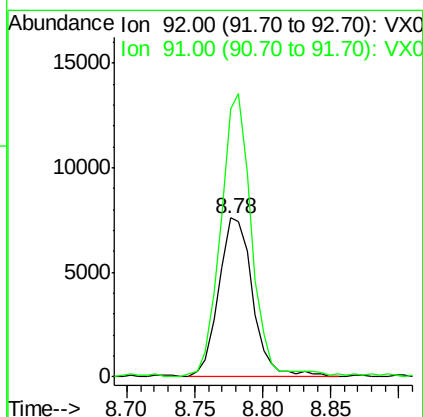
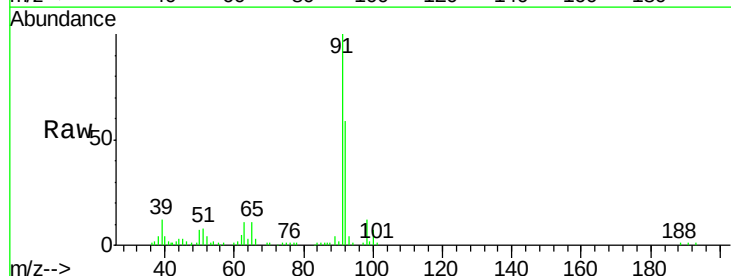
Instrument :
MSVOA_X
ClientSampleId :
T11-B2-(0)

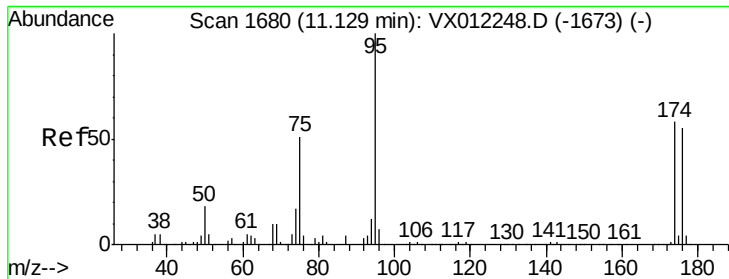
Tot Ion: 98 Resp: 350411
Ion Ratio Lower Upper
98 100
100 66.6 54.1 81.1



#52
Toluene
Concen: 3.073 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX012277.D
Acq: 11 Sep 2019 02:11

Tgt Ion: 92 Resp: 13151
Ion Ratio Lower Upper
92 100
91 162.5 133.6 200.4





#62

4-Bromofluorobenzene

Concen: 43.805 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012277.D

Acq: 11 Sep 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

T11-B2-(0)

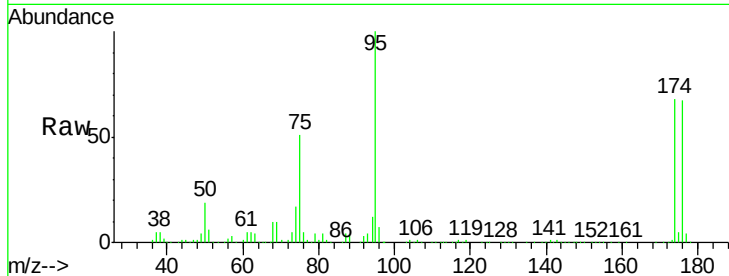
Tot Ion: 95 Resp: 134055

Ion Ratio Lower Upper

95 100

174 64.1 0.0 127.0

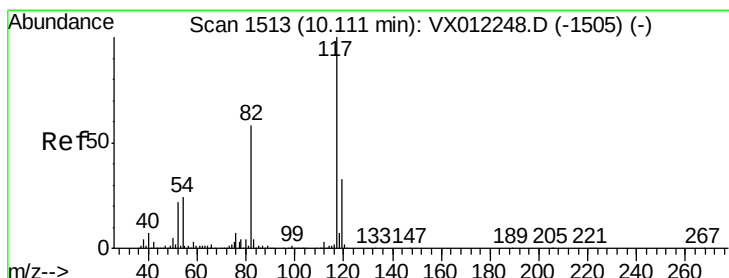
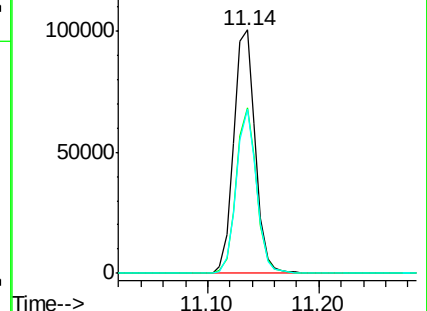
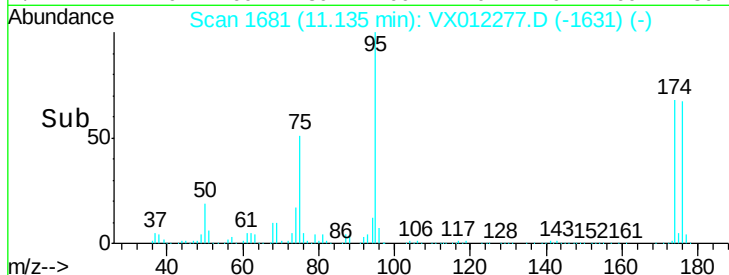
176 63.7 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX012277.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX012277.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX012277.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012277.D

Acq: 11 Sep 2019 02:11

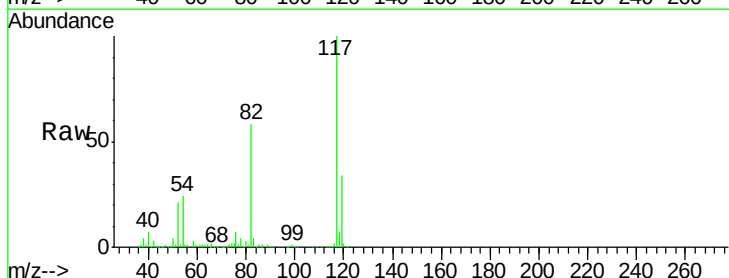
Tgt Ion: 117 Resp: 255022

Ion Ratio Lower Upper

117 100

82 57.6 46.4 69.6

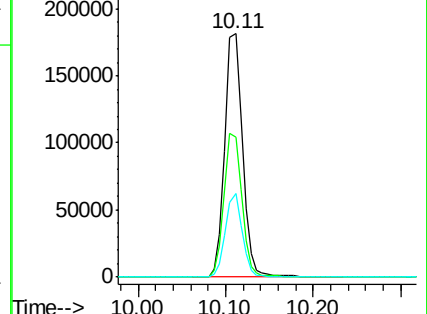
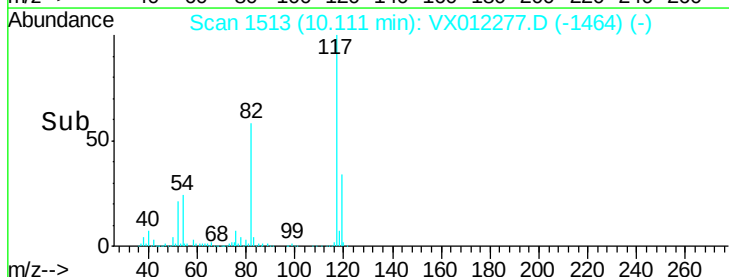
119 34.3 26.6 39.8

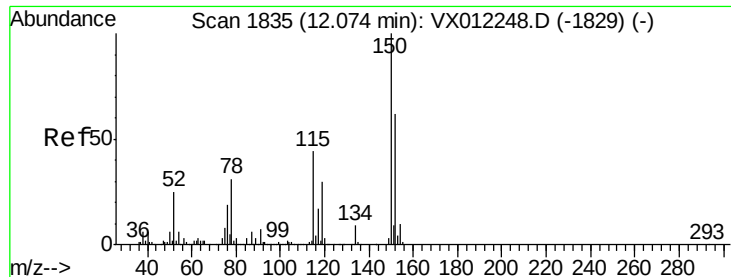


Abundance Ion 116.90 (116.60 to 117.60): VX012277.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012277.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012277.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: VX012277.D

Acq: 11 Sep 2019 02:11

Instrument :

MSVOA_X

ClientSampleId :

T11-B2-(0)

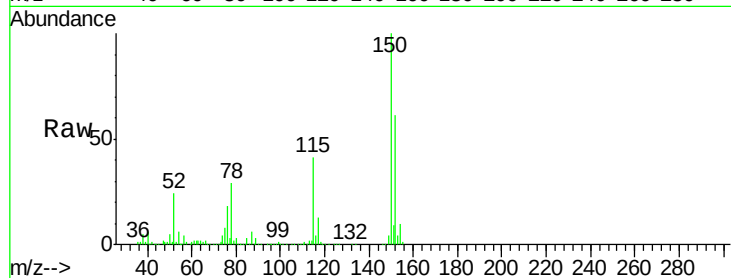
Tot Ion:152 Resp: 108775

Ion Ratio Lower Upper

152 100

115 66.3 45.5 136.4

150 158.5 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

