

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011931.D
 Acq On : 31 Aug 2019 03:16
 Operator : SY/SP
 Sample : K4493-03
 Misc : 5.73g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-H-(1.9)

Quant Time: Aug 31 05:57:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

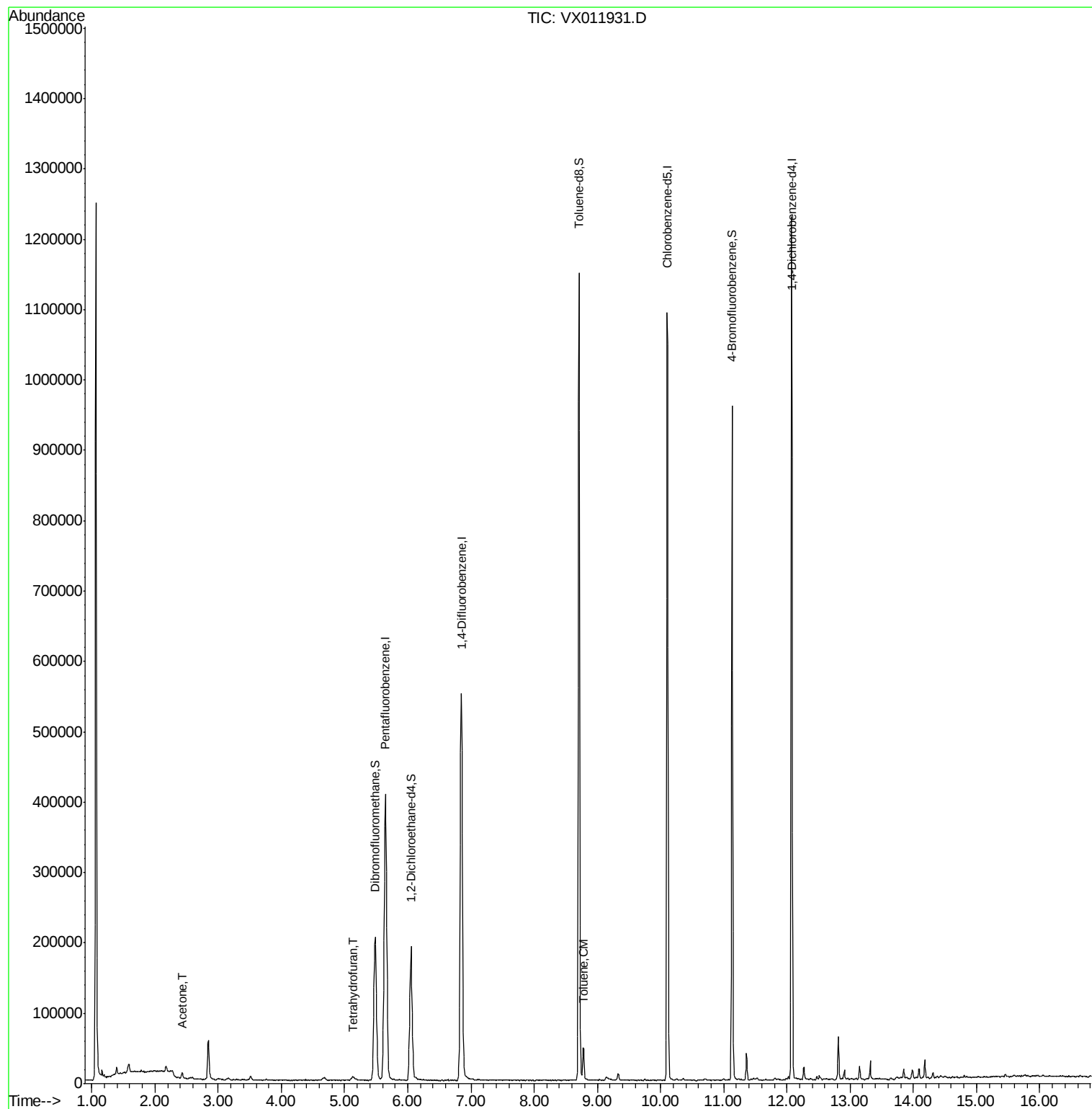
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	577927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	506714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	262289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	184927	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
35) Dibromofluoromethane	5.48	113	167550	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
50) Toluene-d8	8.71	98	654650	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	241082	41.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.98%	
Target Compounds						
16) Acetone	2.43	43	8954	10.039	ug/l	Qvalue 100
29) Tetrahydrofuran	5.13	42	5147	6.348	ug/l #	88
52) Toluene	8.78	92	16970	1.877	ug/l	99

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

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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: VX011931.D

Acq: 31 Aug 2019 03:16

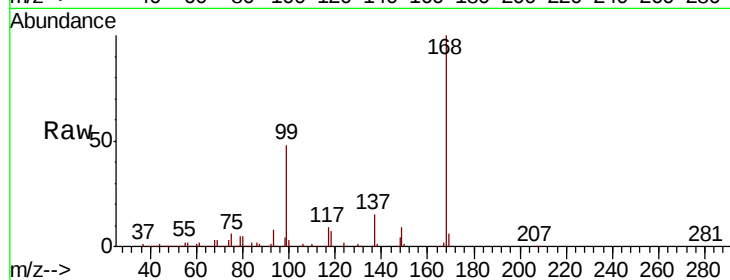
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-H-(1.9)

Tot Ion:168 Resp: 432680

Ion Ratio Lower Upper

168 100

99 48.2 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

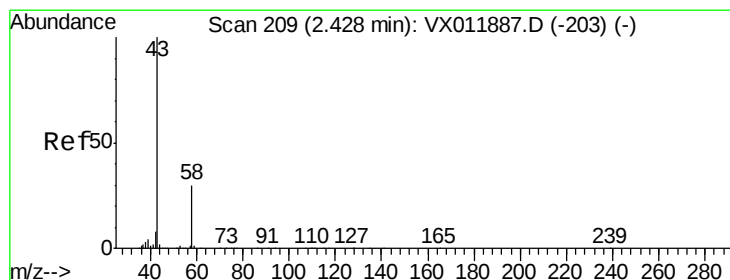
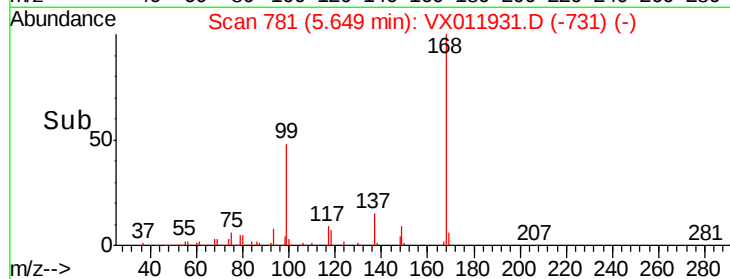
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.039 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011931.D

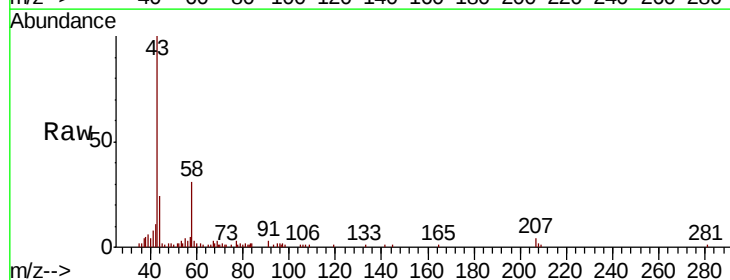
Acq: 31 Aug 2019 03:16

Tgt Ion: 43 Resp: 8954

Ion Ratio Lower Upper

43 100

58 30.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

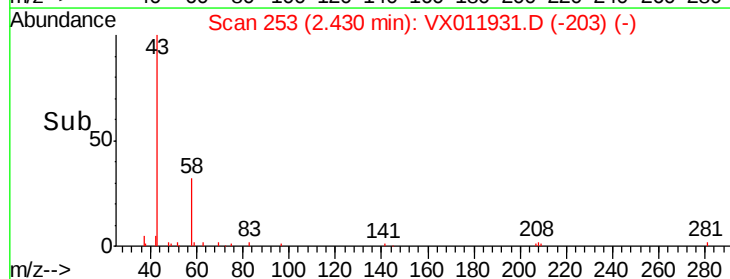
3000

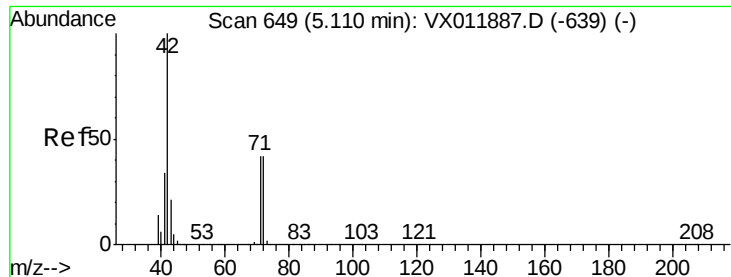
2000

1000

0

Time-->

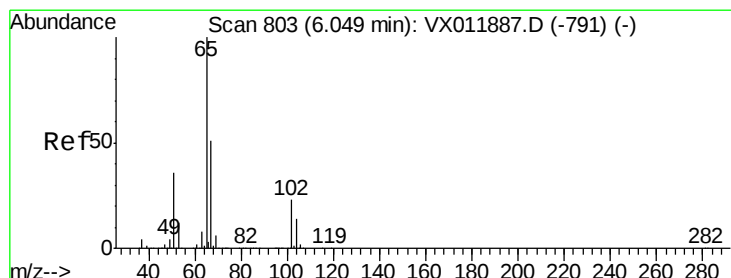
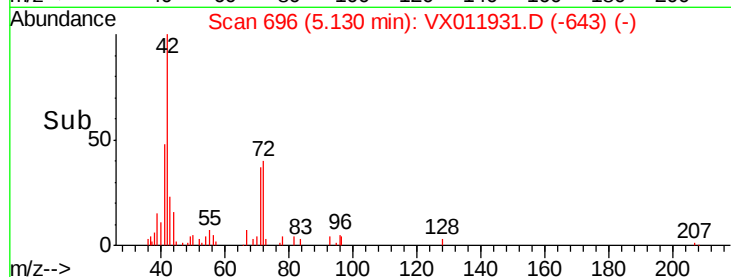
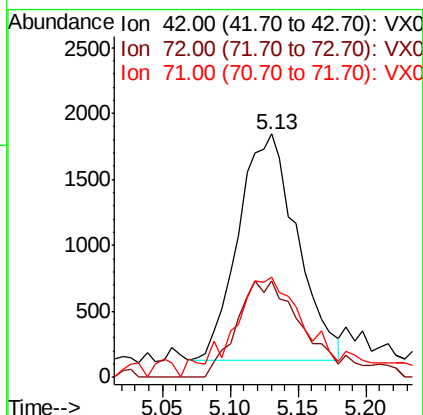
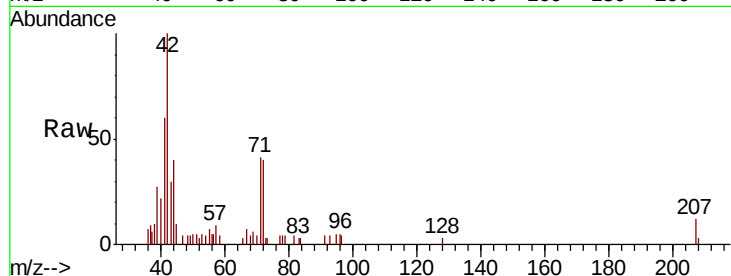




#29
Tetrahydrofuran
Concen: 6.348 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX011931.D
Acq: 31 Aug 2019 03:16

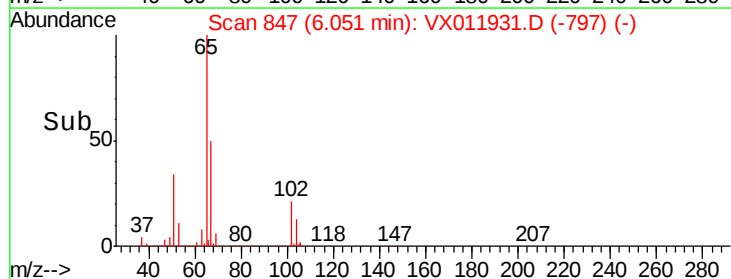
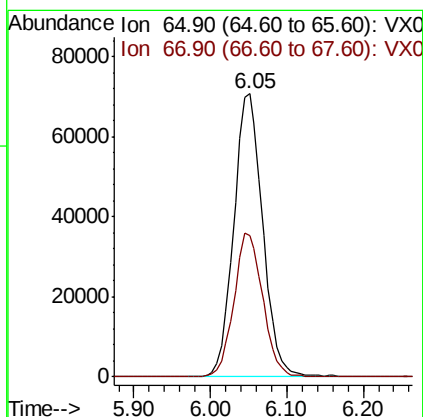
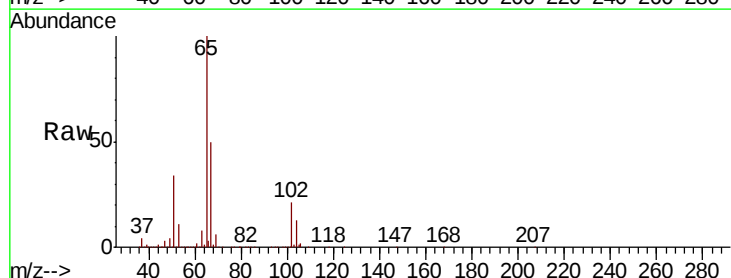
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-H-(1.9)

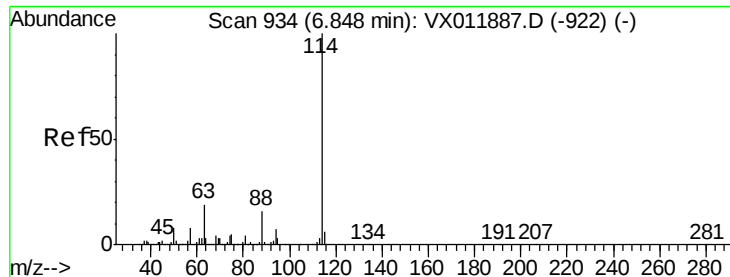
Tot Ion: 42 Resp: 5147
Ion Ratio Lower Upper
42 100
72 49.7 36.2 54.4
71 52.9 33.1 49.7#



#33
1,2-Dichloroethane-d4
Concen: 44.609 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011931.D
Acq: 31 Aug 2019 03:16

Tgt Ion: 65 Resp: 184927
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011931.D

Acq: 31 Aug 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-H-(1.9)

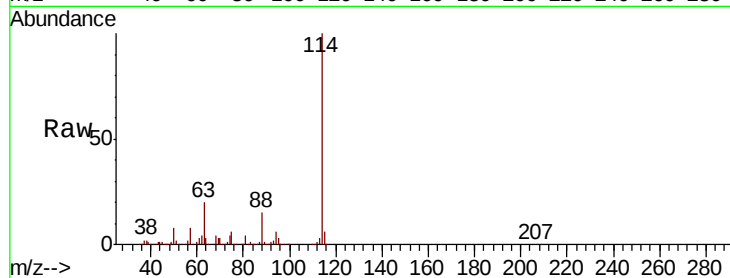
Tot Ion:114 Resp: 577927

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 15.3 0.0 31.2



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

300000

250000

200000

150000

100000

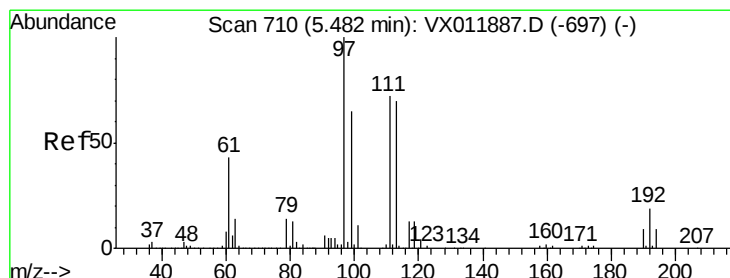
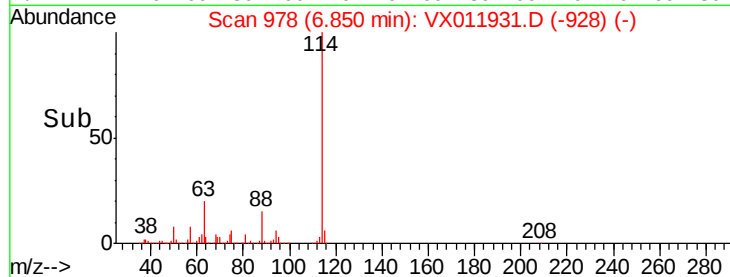
50000

0

6.85

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 45.212 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011931.D

Acq: 31 Aug 2019 03:16

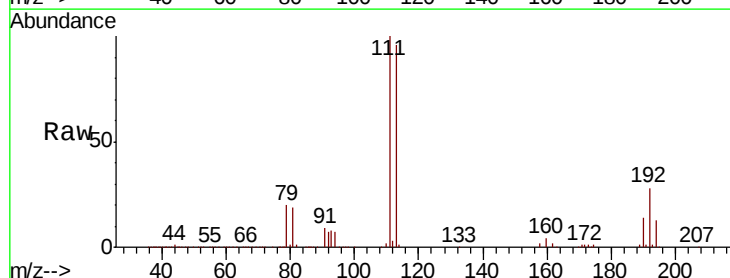
Tgt Ion:113 Resp: 167550

Ion Ratio Lower Upper

113 100

111 101.1 82.1 123.1

192 27.3 21.5 32.3



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

80000

60000

40000

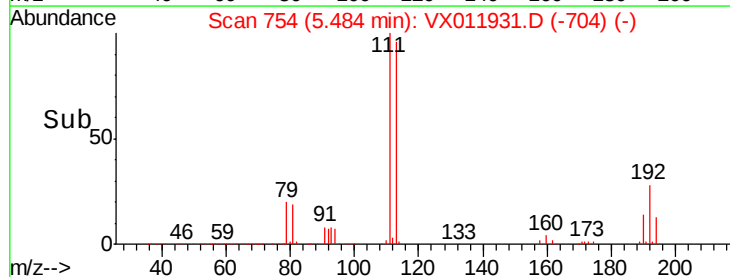
20000

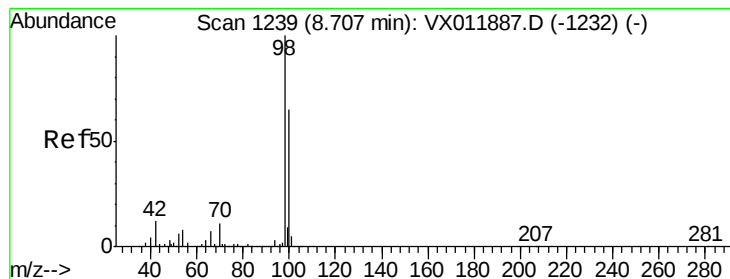
0

5.48

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 49.417 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011931.D

Acq: 31 Aug 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

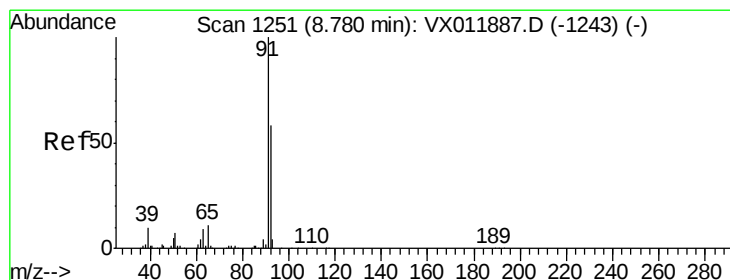
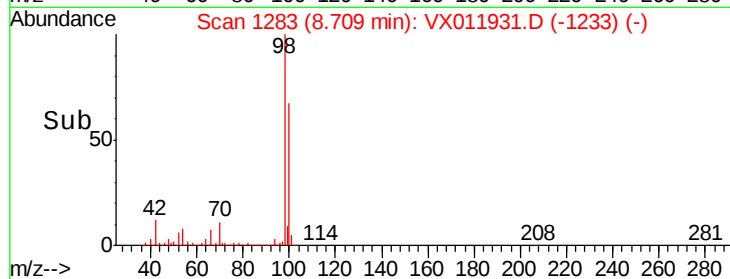
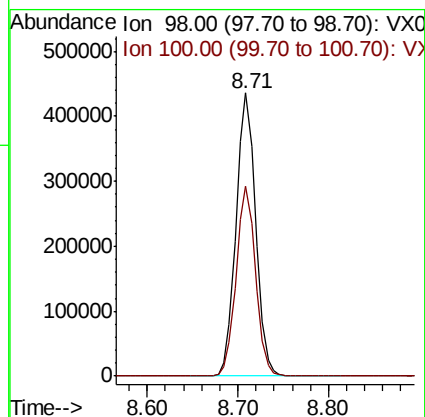
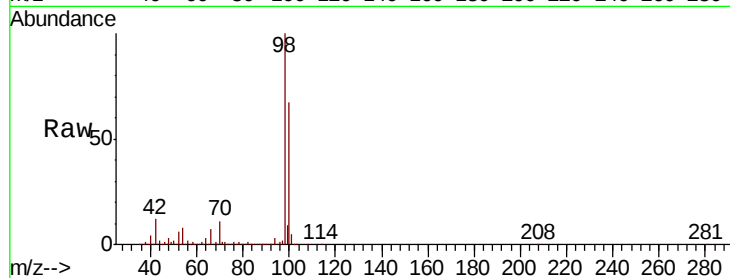
T9-12-13-H-(1.9)

Tot Ion: 98 Resp: 654650

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.6



#52

Toluene

Concen: 1.877 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX011931.D

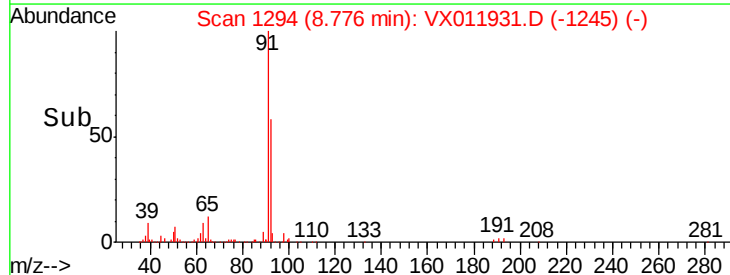
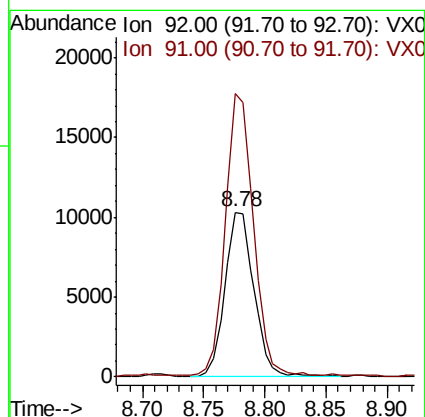
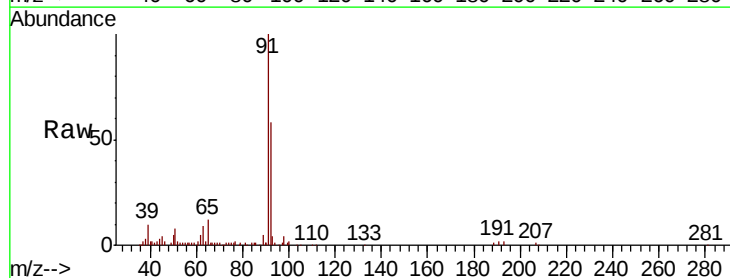
Acq: 31 Aug 2019 03:16

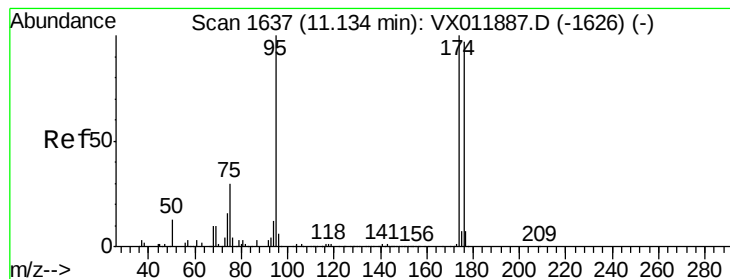
Tgt Ion: 92 Resp: 16970

Ion Ratio Lower Upper

92 100

91 169.8 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 41.486 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011931.D

Acq: 31 Aug 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-H-(1.9)

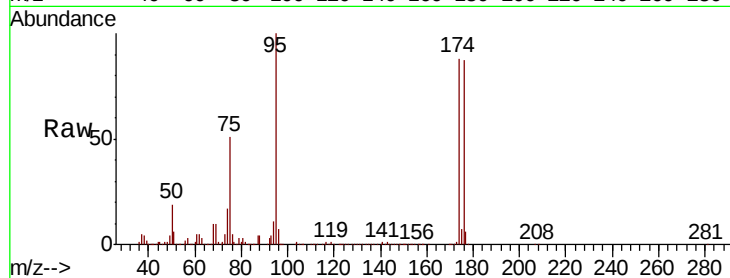
Tot Ion: 95 Resp: 241082

Ion Ratio Lower Upper

95 100

174 97.7 0.0 196.0

176 96.9 0.0 191.4

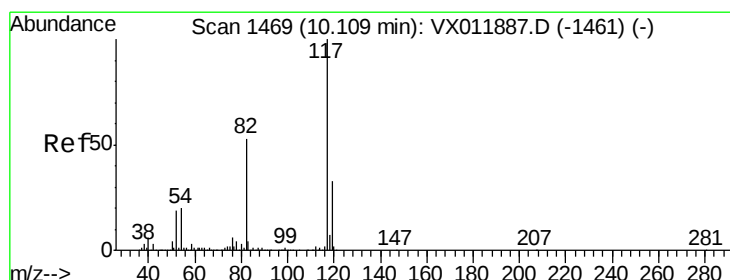
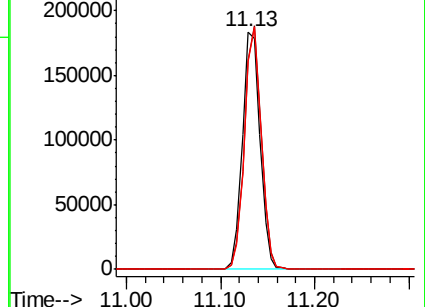
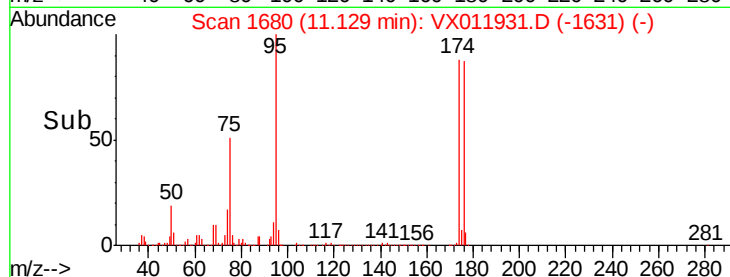


Abundance Ion 94.90 (94.60 to 95.60): VX011887.D (-1626) (-)

Ion 173.80 (173.50 to 174.50): VX011887.D (-1626) (-)

Ion 175.80 (175.50 to 176.50): VX011887.D (-1626) (-)

11.13



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011931.D

Acq: 31 Aug 2019 03:16

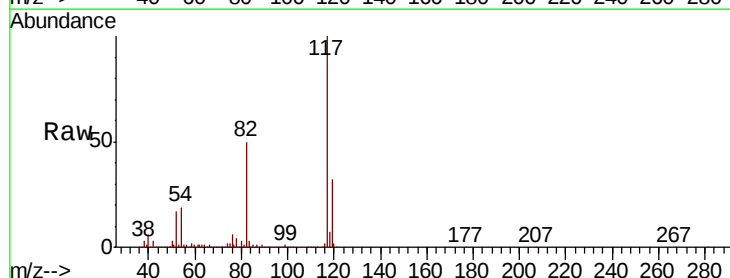
Tgt Ion: 117 Resp: 506714

Ion Ratio Lower Upper

117 100

82 50.2 42.0 63.0

119 31.7 26.2 39.4

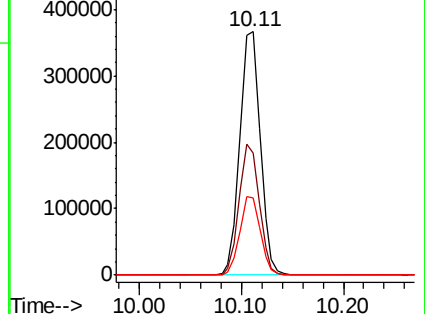
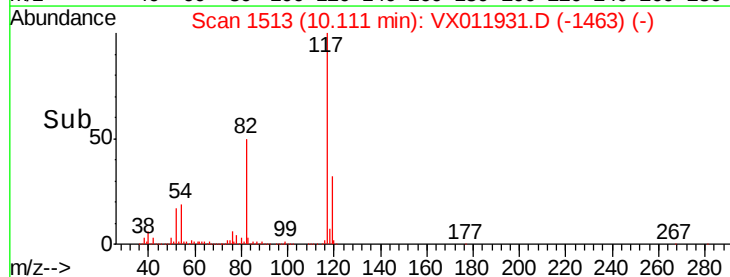


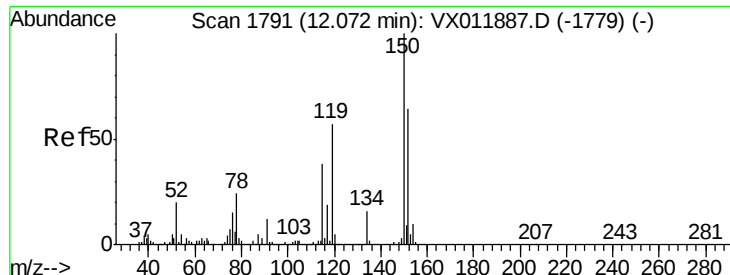
Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011887.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011887.D (-1461) (-)

10.11





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011931.D

Acq: 31 Aug 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-H-(1.9)

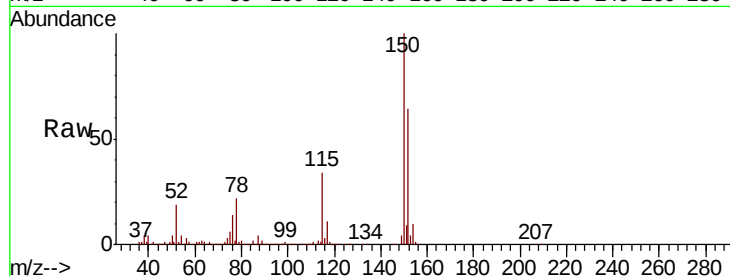
Tot Ion:152 Resp: 262289

Ion Ratio Lower Upper

152 100

115 52.8 37.1 111.3

150 156.2 0.0 339.6



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

