

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011979.D
 Acq On : 01 Sep 2019 05:25
 Operator : SY/SP
 Sample : K4527-04
 Misc : 5.71g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Sep 01 06:29:15 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

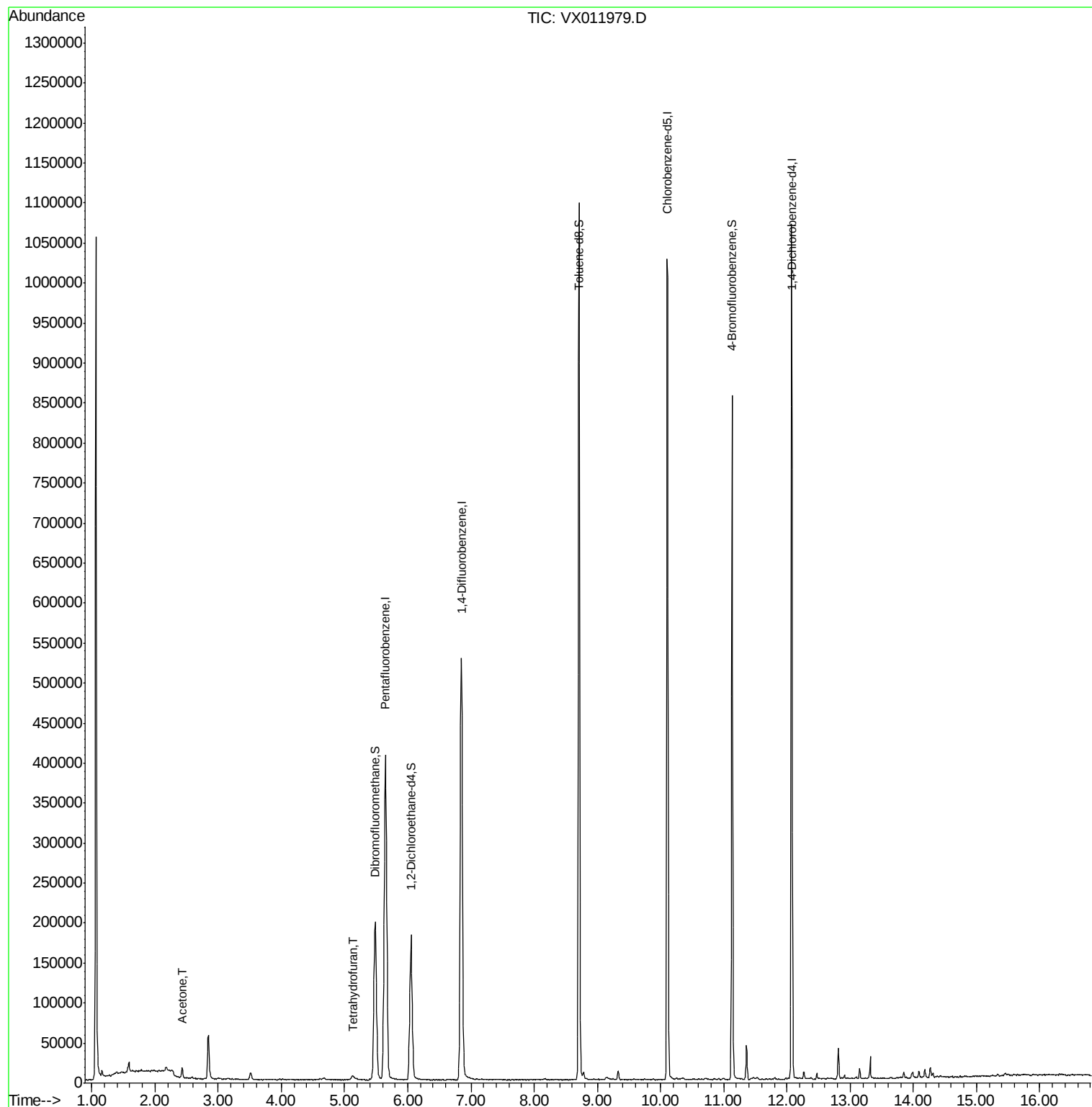
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	433757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	560691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	479603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	229708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	176548	42.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.96%	
35) Dibromofluoromethane	5.48	113	159898	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	
50) Toluene-d8	8.71	98	623848	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.14	95	218019	38.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.34%	
Target Compounds						
16) Acetone	2.43	43	12649	14.146	ug/l	97
29) Tetrahydrofuran	5.13	42	5050	6.213	ug/l	94

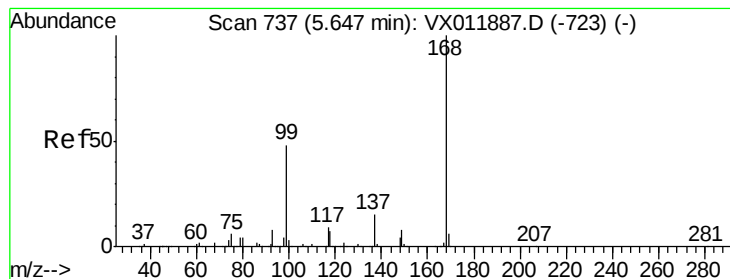
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011979.D

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Instrument :

MSVOA_X

ClientSampleId :

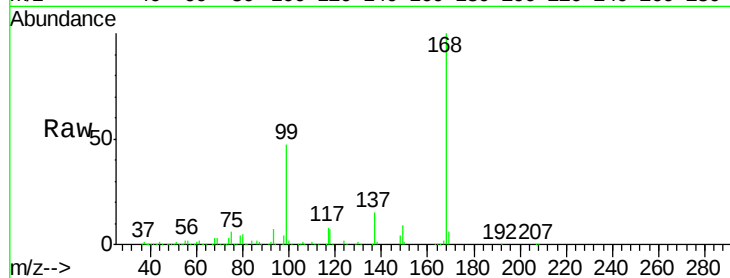
T9-12-13-M-(1.9)

Tot Ion:168 Resp: 433757

Ion Ratio Lower Upper

168 100

99 46.4 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

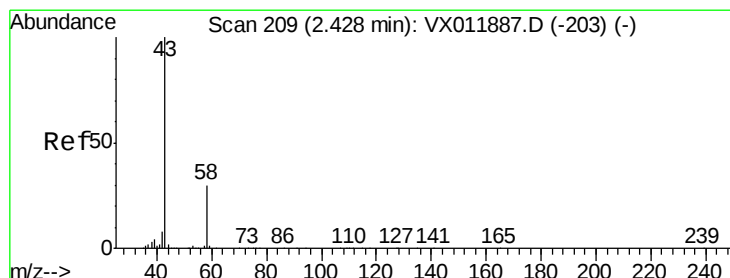
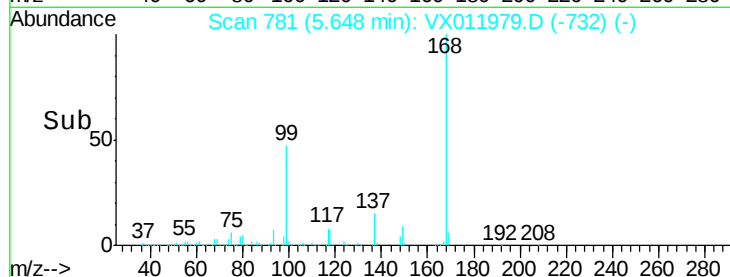
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 14.146 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011979.D

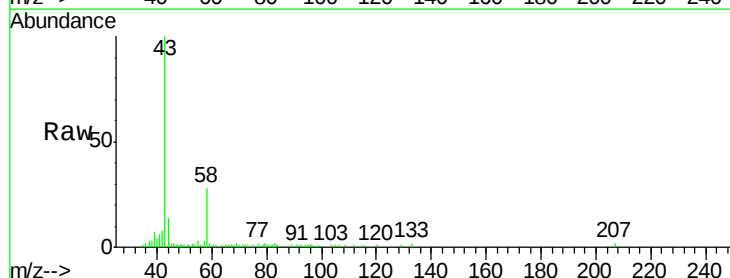
Acq: 01 Sep 2019 05:25

Tgt Ion: 43 Resp: 12649

Ion Ratio Lower Upper

43 100

58 28.2 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

8000

6000

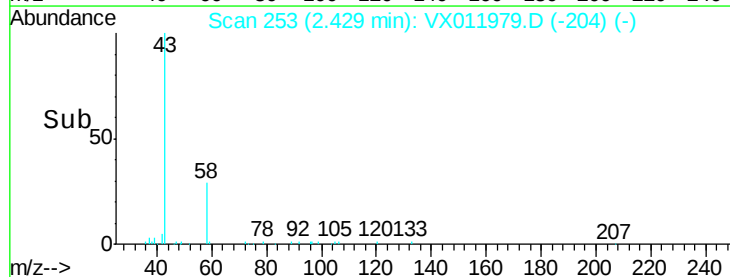
4000

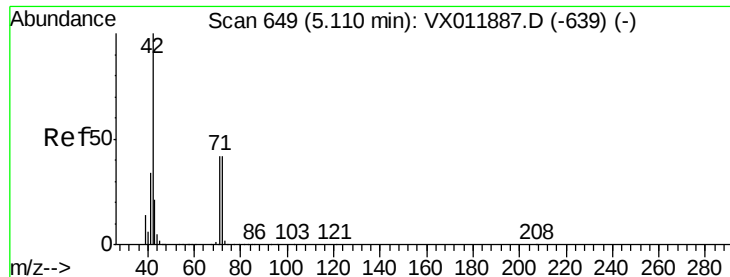
2000

0

Time-->

2.35 2.40 2.45 2.50

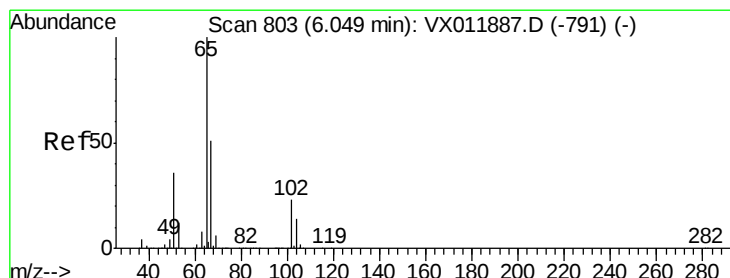
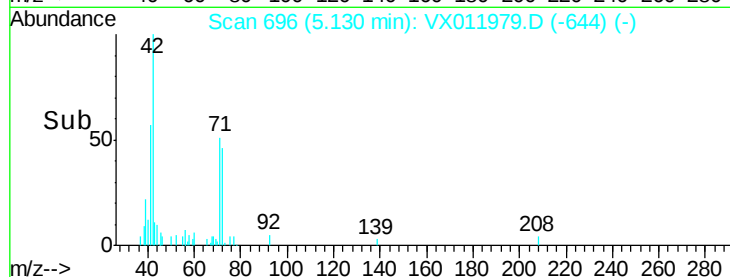
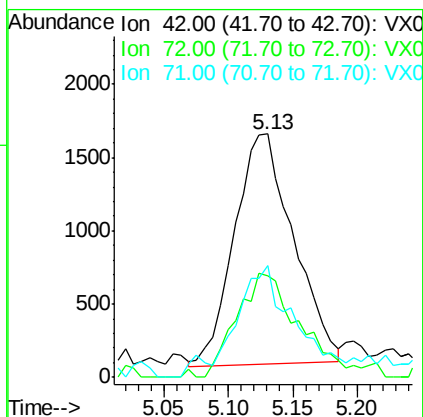
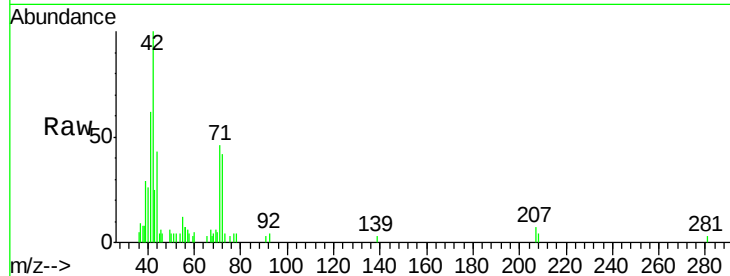




#29
Tetrahydrofuran
Concen: 6.213 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

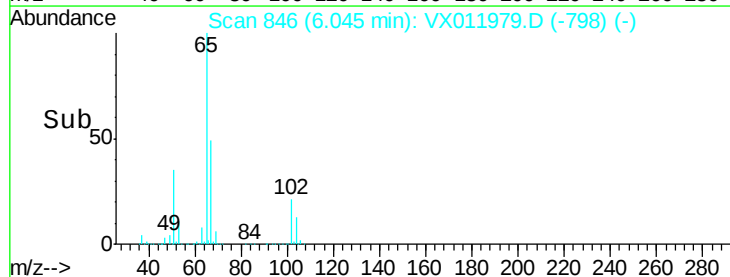
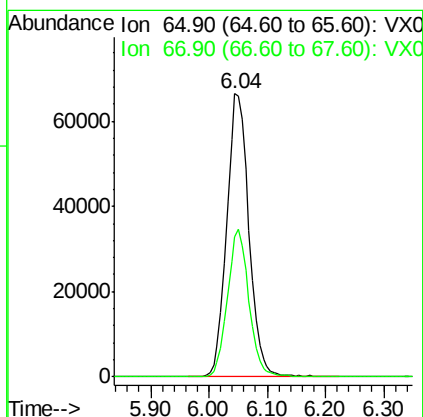
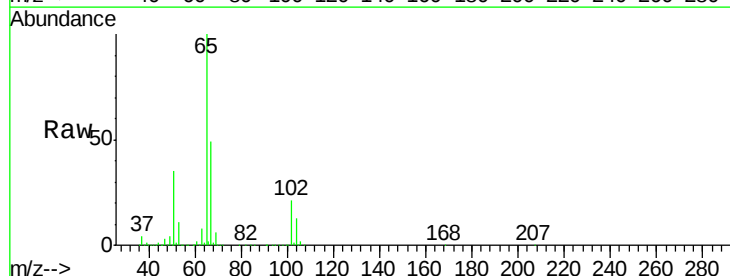
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(1.9)

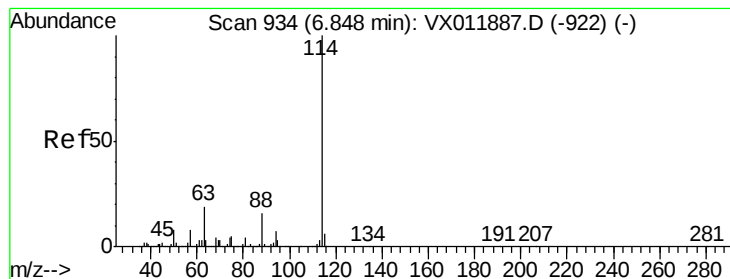
Tot Ion:	42	Resp:	5050
Ion	Ratio	Lower	Upper
42	100		
72	48.0	36.2	54.4
71	36.4	33.1	49.7



#33
1,2-Dichloroethane-d4
Concen: 42.482 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.00 min
Lab File: VX011979.D
Acq: 01 Sep 2019 05:25

Tgt Ion:	65	Resp:	176548
Ion	Ratio	Lower	Upper
65	100		
67	49.8	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: VX011979.D

Acq: 01 Sep 2019 05:25

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-M-(1.9)

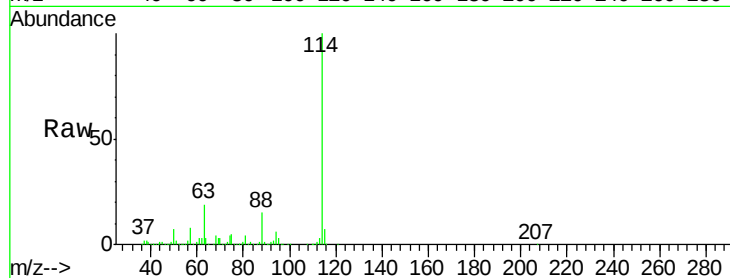
Tot Ion:114 Resp: 560691

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.8

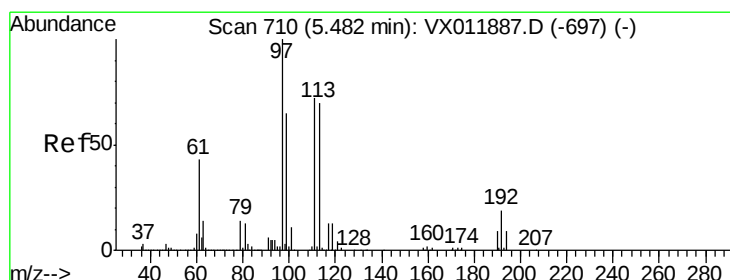
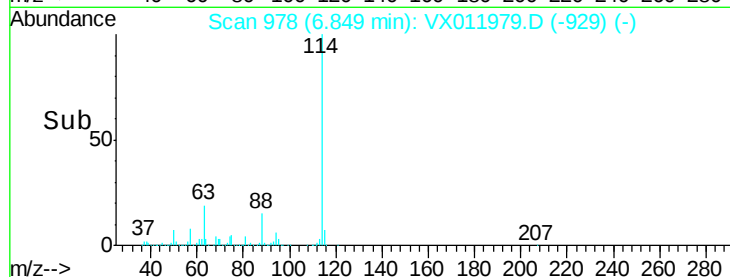
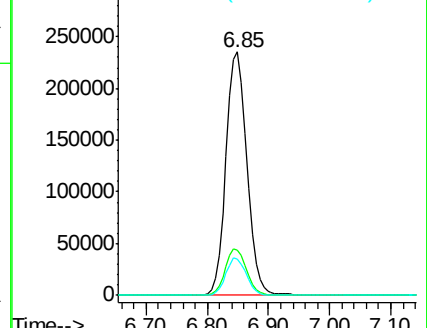
88 15.1 0.0 31.2



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



#35

Dibromofluoromethane

Concen: 44.473 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011979.D

Acq: 01 Sep 2019 05:25

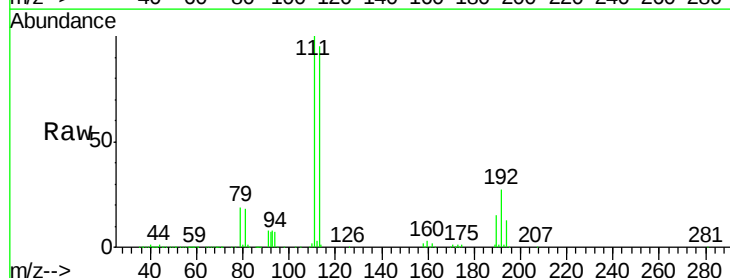
Tgt Ion:113 Resp: 159898

Ion Ratio Lower Upper

113 100

111 103.6 82.1 123.1

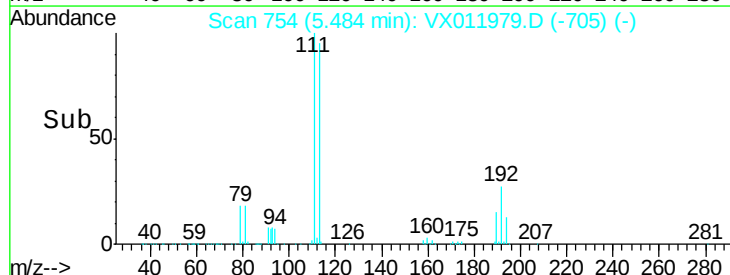
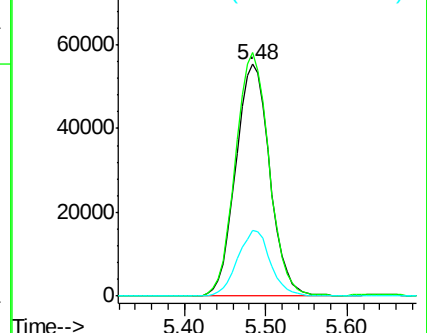
192 27.5 21.5 32.3

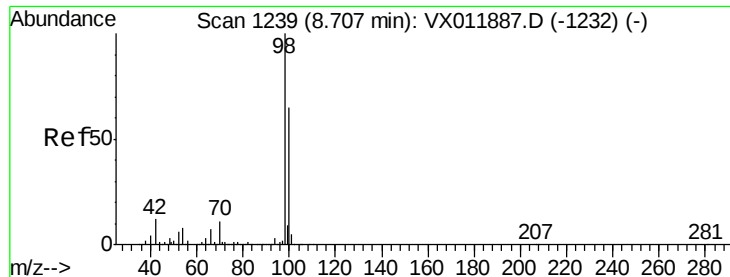


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.540 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011979.D

Acq: 01 Sep 2019 05:25

Instrument :

MSVOA_X

ClientSampleId :

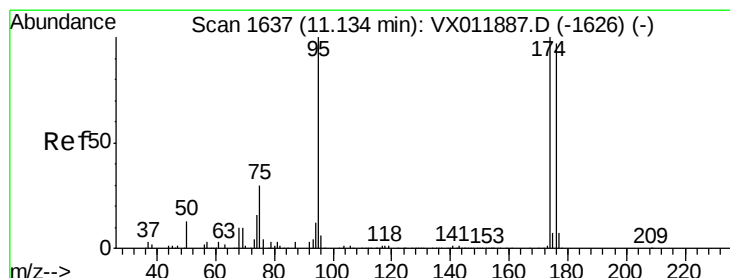
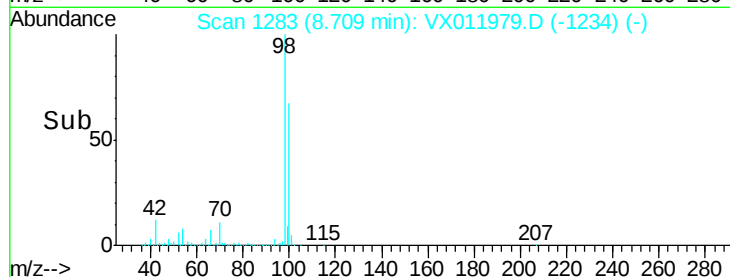
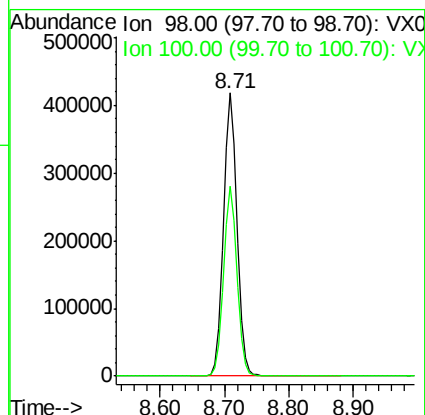
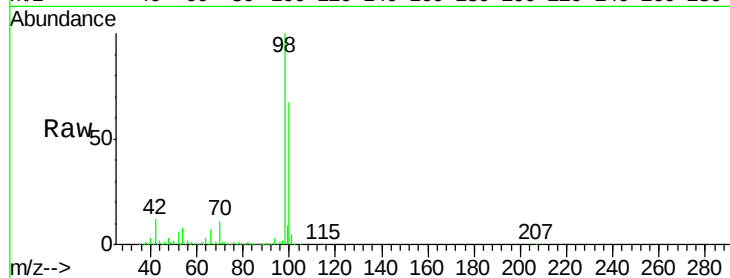
T9-12-13-M-(1.9)

Tot Ion: 98 Resp: 623848

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 38.670 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011979.D

Acq: 01 Sep 2019 05:25

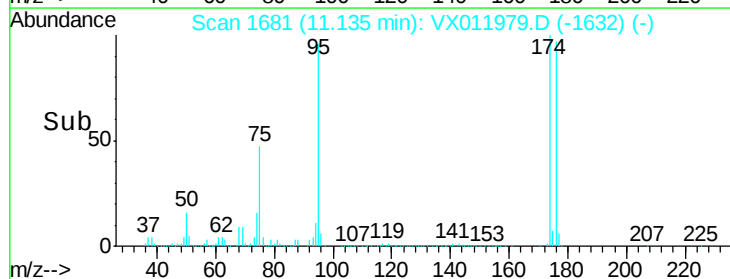
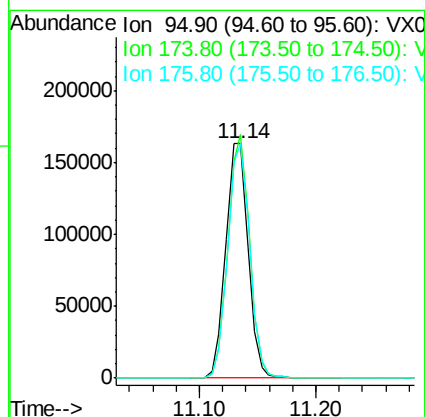
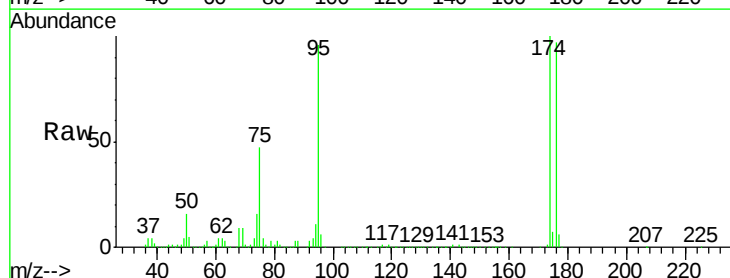
Tgt Ion: 95 Resp: 218019

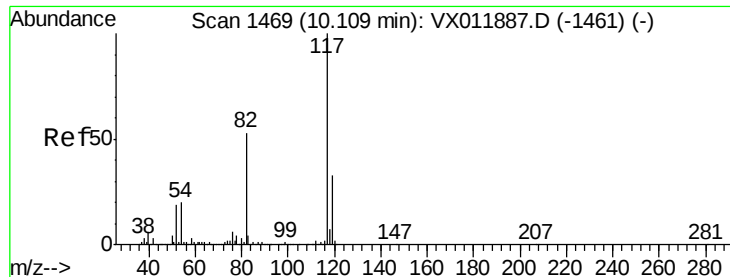
Ion Ratio Lower Upper

95 100

174 99.9 0.0 196.0

176 98.3 0.0 191.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011979.D

Acq: 01 Sep 2019 05:25

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-M-(1.9)

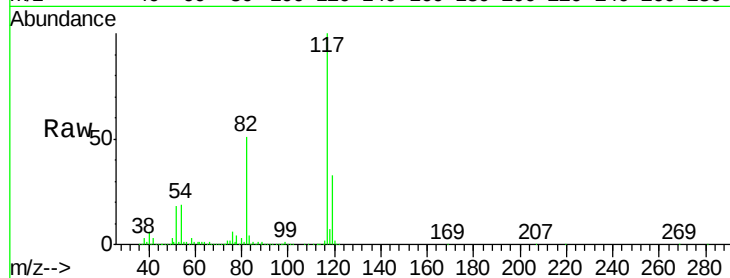
Tot Ion:117 Resp: 479603

Ion Ratio Lower Upper

117 100

82 50.7 42.0 63.0

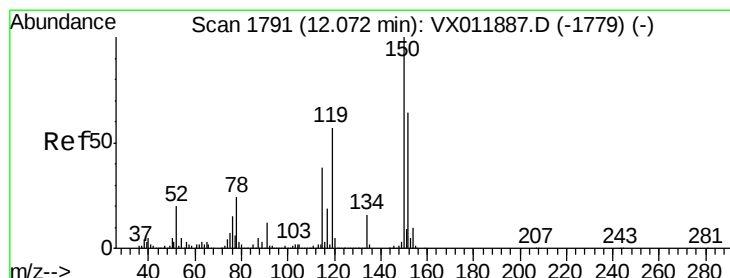
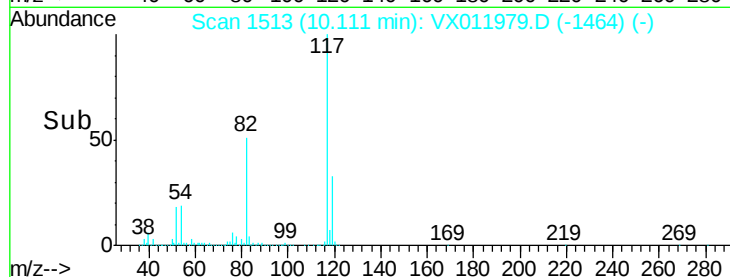
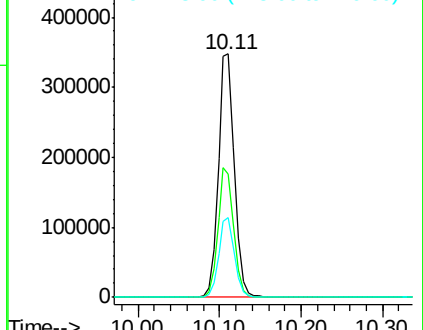
119 33.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX011979.D

Acq: 01 Sep 2019 05:25

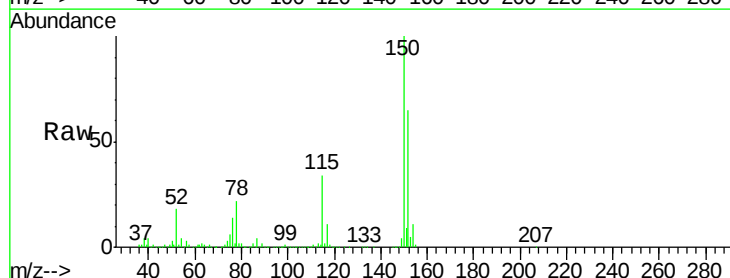
Tgt Ion:152 Resp: 229708

Ion Ratio Lower Upper

152 100

115 52.6 37.1 111.3

150 154.6 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

