

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011955.D
 Acq On : 31 Aug 2019 17:15
 Operator : SY/SP
 Sample : K4526-01
 Misc : 5.05g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Sep 01 02:57:51 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

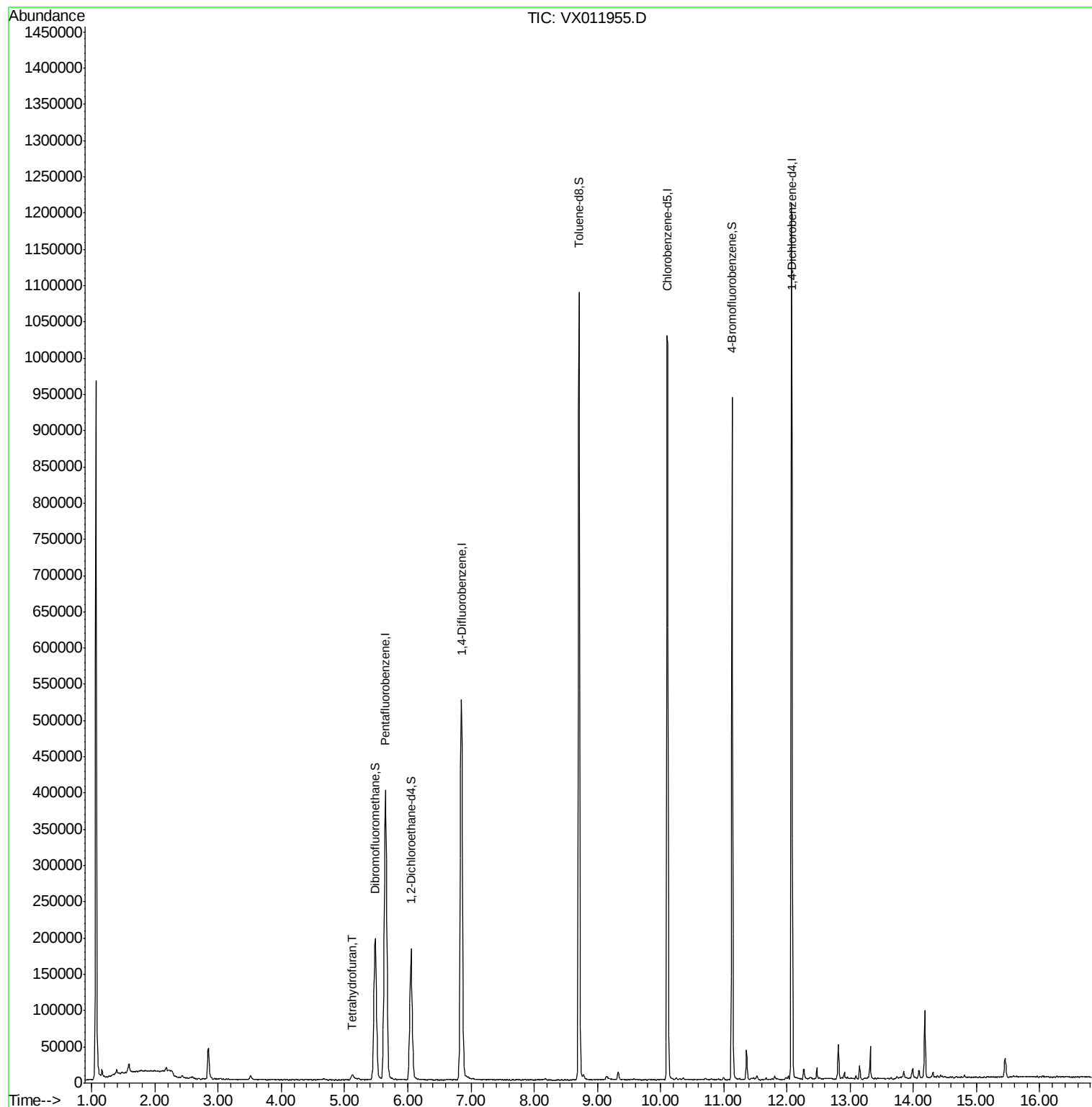
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	430124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	553664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	487965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	174740	42.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.80%	
35) Dibromofluoromethane	5.48	113	158703	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
50) Toluene-d8	8.71	98	629176	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	231510	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.16%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	6515	8.083	ug/l #	Qvalue 83

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

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Quant Title : SW846 8260
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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: VX011955.D

Acq: 31 Aug 2019 17:15

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MSVOA_X

ClientSampleId :

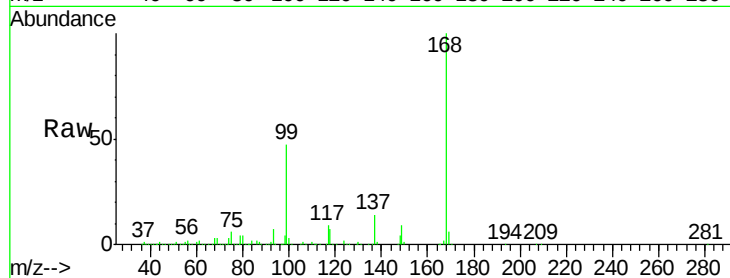
T9-12-13-C-(1.9)

Tot Ion:168 Resp: 430124

Ion Ratio Lower Upper

168 100

99 47.3 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

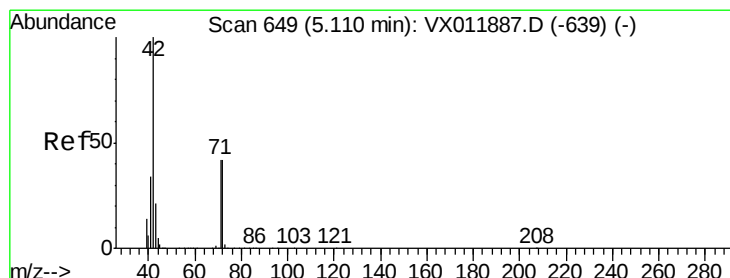
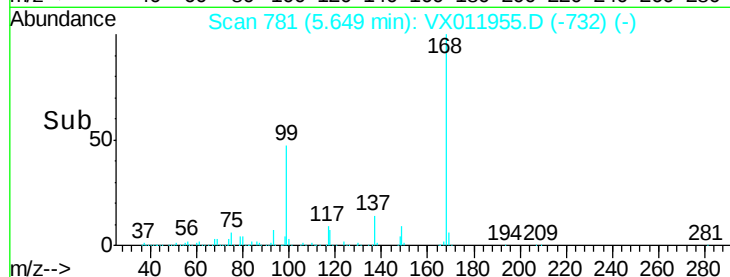
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 8.083 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX011955.D

Acq: 31 Aug 2019 17:15

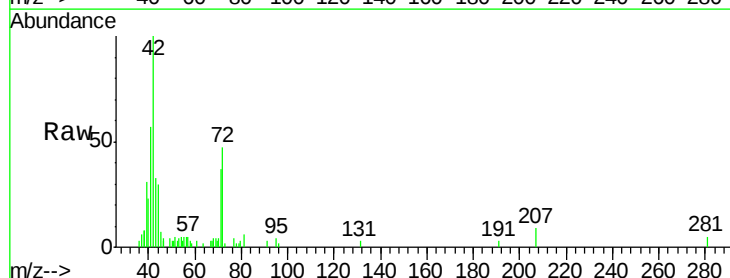
Tgt Ion: 42 Resp: 6515

Ion Ratio Lower Upper

42 100

72 54.8 36.2 54.4#

71 53.7 33.1 49.7#



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

3000

2500

2000

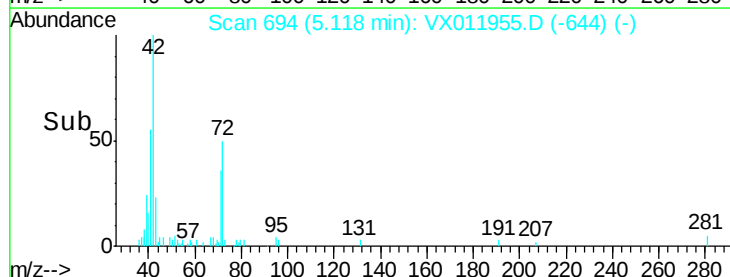
1500

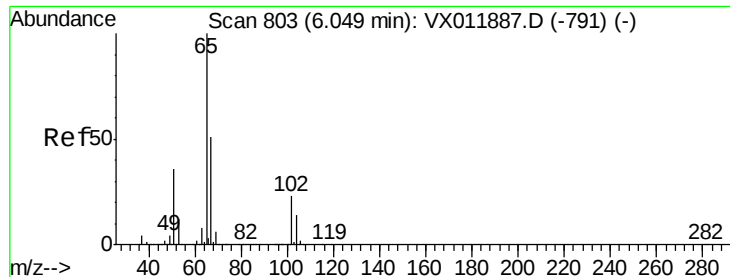
1000

500

0

Time-->

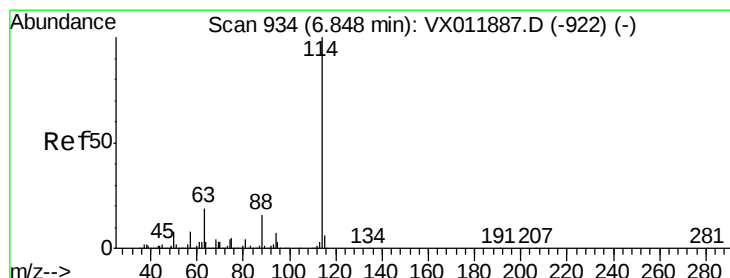
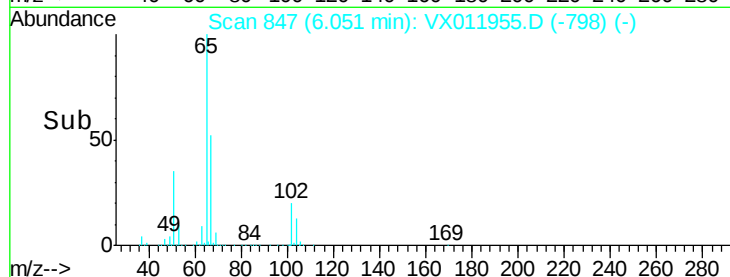
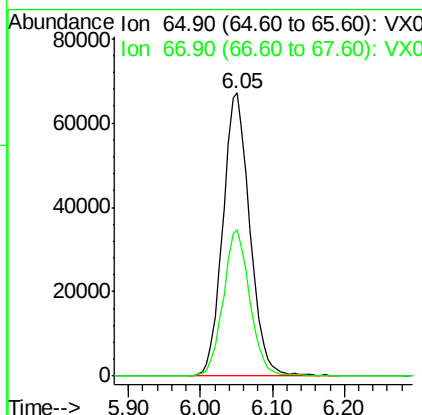
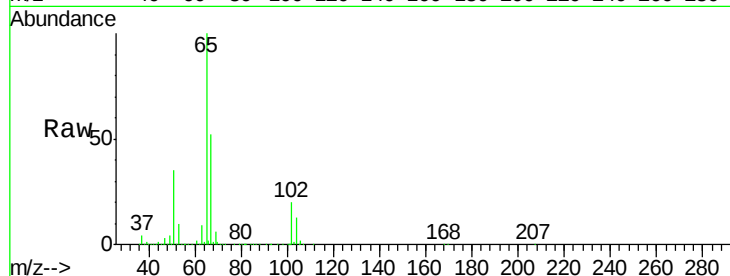




#33
 1,2-Dichloroethane-d4
 Concen: 42.402 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011955.D
 Acq: 31 Aug 2019 17:15

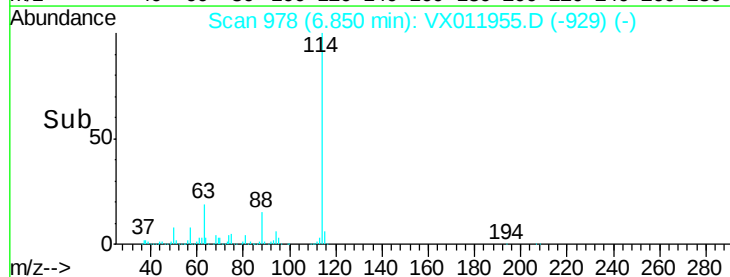
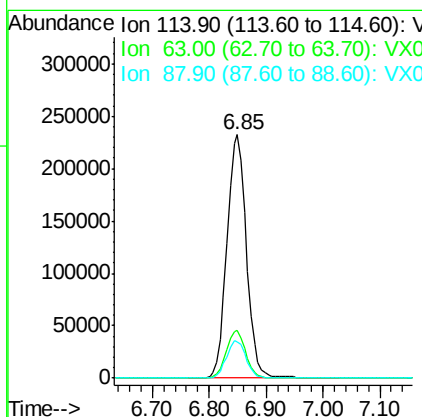
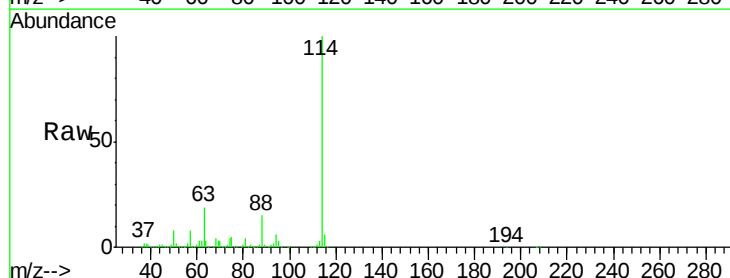
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-C-(1.9)

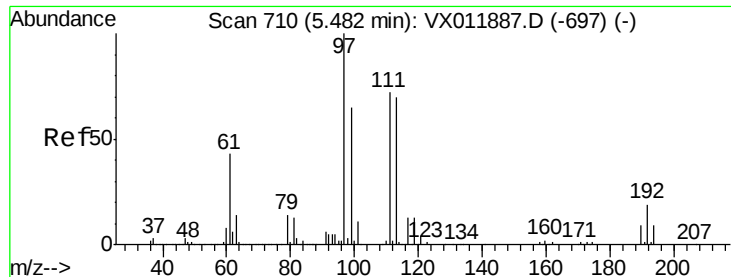
Tot Ion: 65 Resp: 174740
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011955.D
 Acq: 31 Aug 2019 17:15

Tgt Ion: 114 Resp: 553664
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 15.1 0.0 31.2

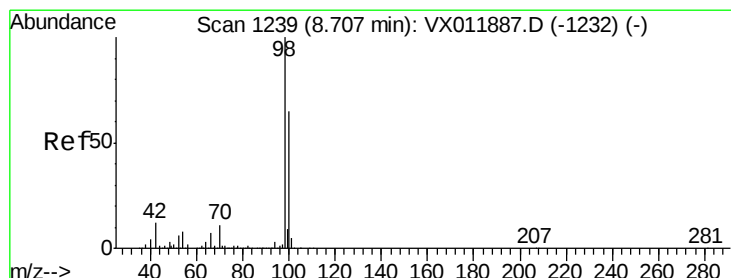
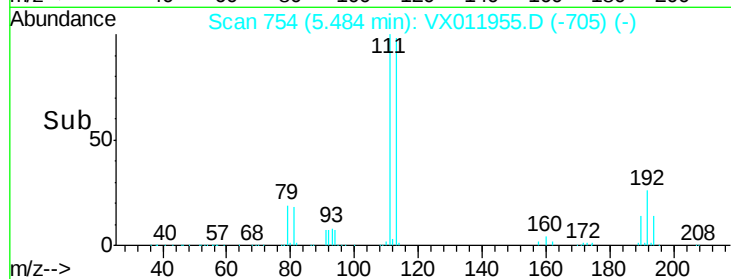
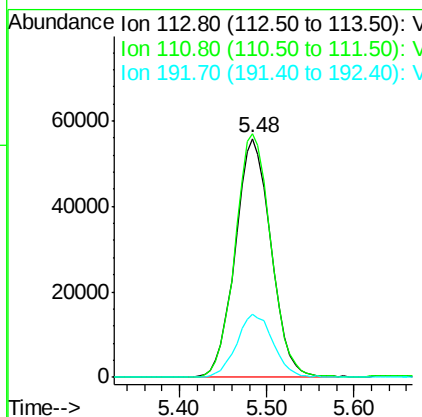
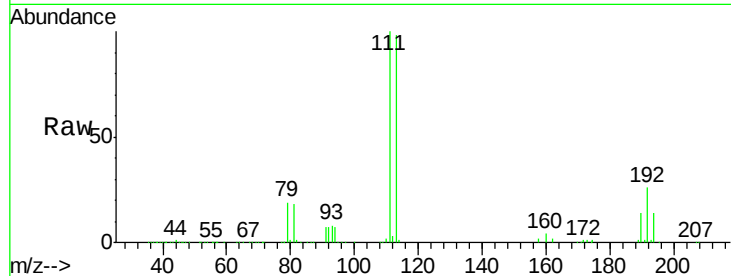




#35
 Dibromofluoromethane
 Concen: 44.701 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011955.D
 Acq: 31 Aug 2019 17:15

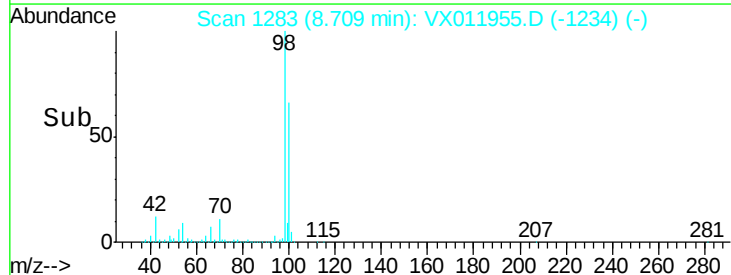
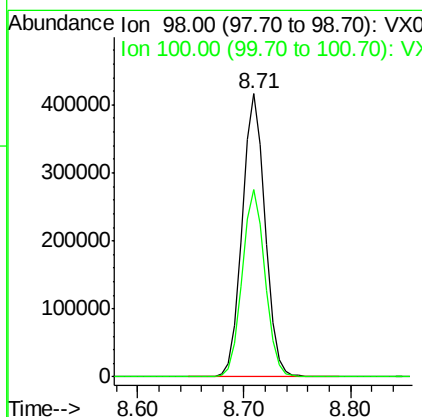
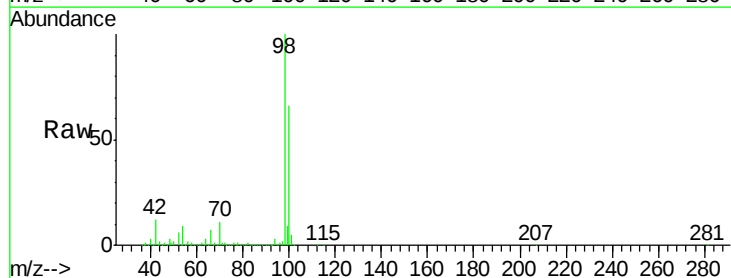
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-C-(1.9)

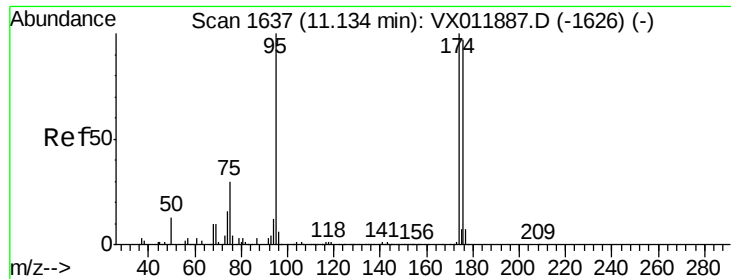
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	27.2	21.5	32.3



#50
 Toluene-d8
 Concen: 49.575 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011955.D
 Acq: 31 Aug 2019 17:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 41.585 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011955.D

Acq: 31 Aug 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-C-(1.9)

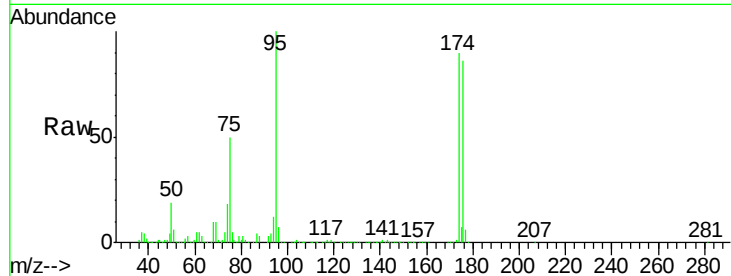
Tot Ion: 95 Resp: 231510

Ion Ratio Lower Upper

95 100

174 100.0 0.0 196.0

176 97.9 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

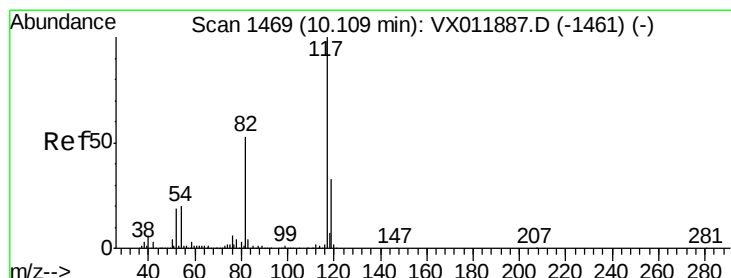
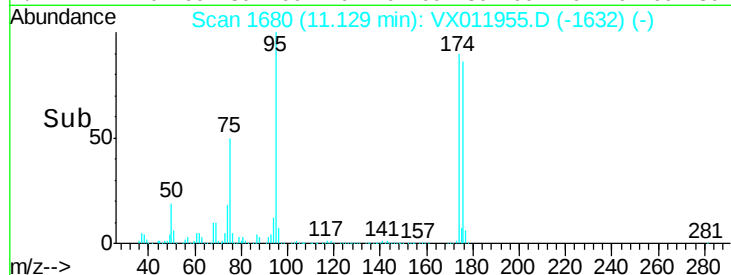
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->

11.13

11.10 11.20 11.30



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011955.D

Acq: 31 Aug 2019 17:15

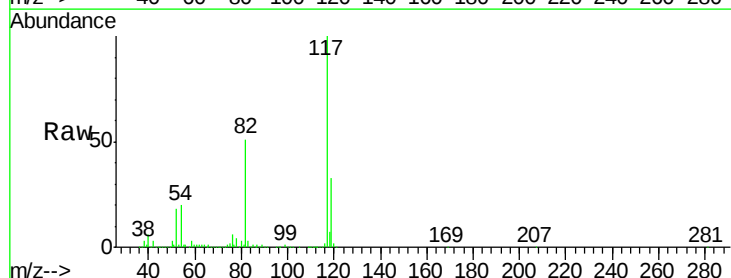
Tgt Ion: 117 Resp: 487965

Ion Ratio Lower Upper

117 100

82 51.5 42.0 63.0

119 33.3 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

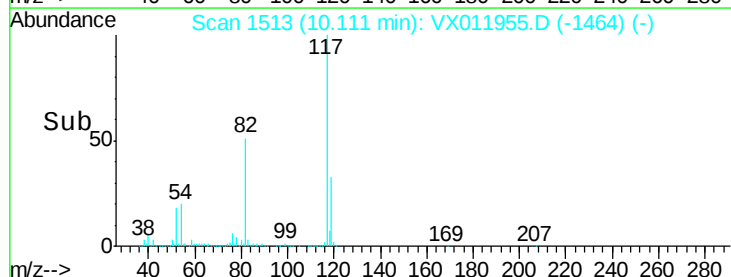
Ion 82.00 (81.70 to 82.70): VX0

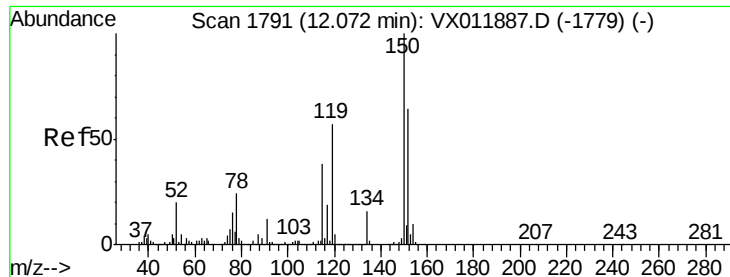
Ion 118.90 (118.60 to 119.60): V

Time-->

10.11

10.00 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011955.D

Acq: 31 Aug 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-C-(1.9)

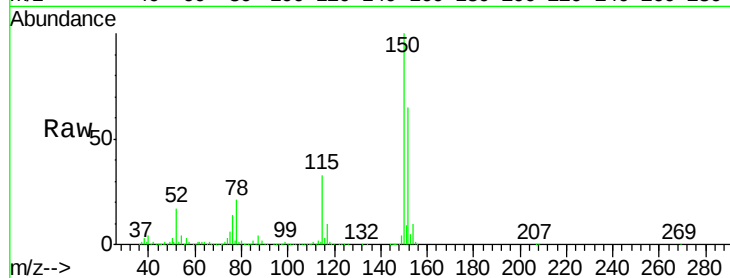
Tot Ion:152 Resp: 261325

Ion Ratio Lower Upper

152 100

115 52.7 37.1 111.3

150 155.8 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

