

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011971.D
 Acq On : 01 Sep 2019 01:41
 Operator : SY/SP
 Sample : K4526-13
 Misc : 3.03g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-F4-(1.9)

Quant Time: Sep 01 04:11:26 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

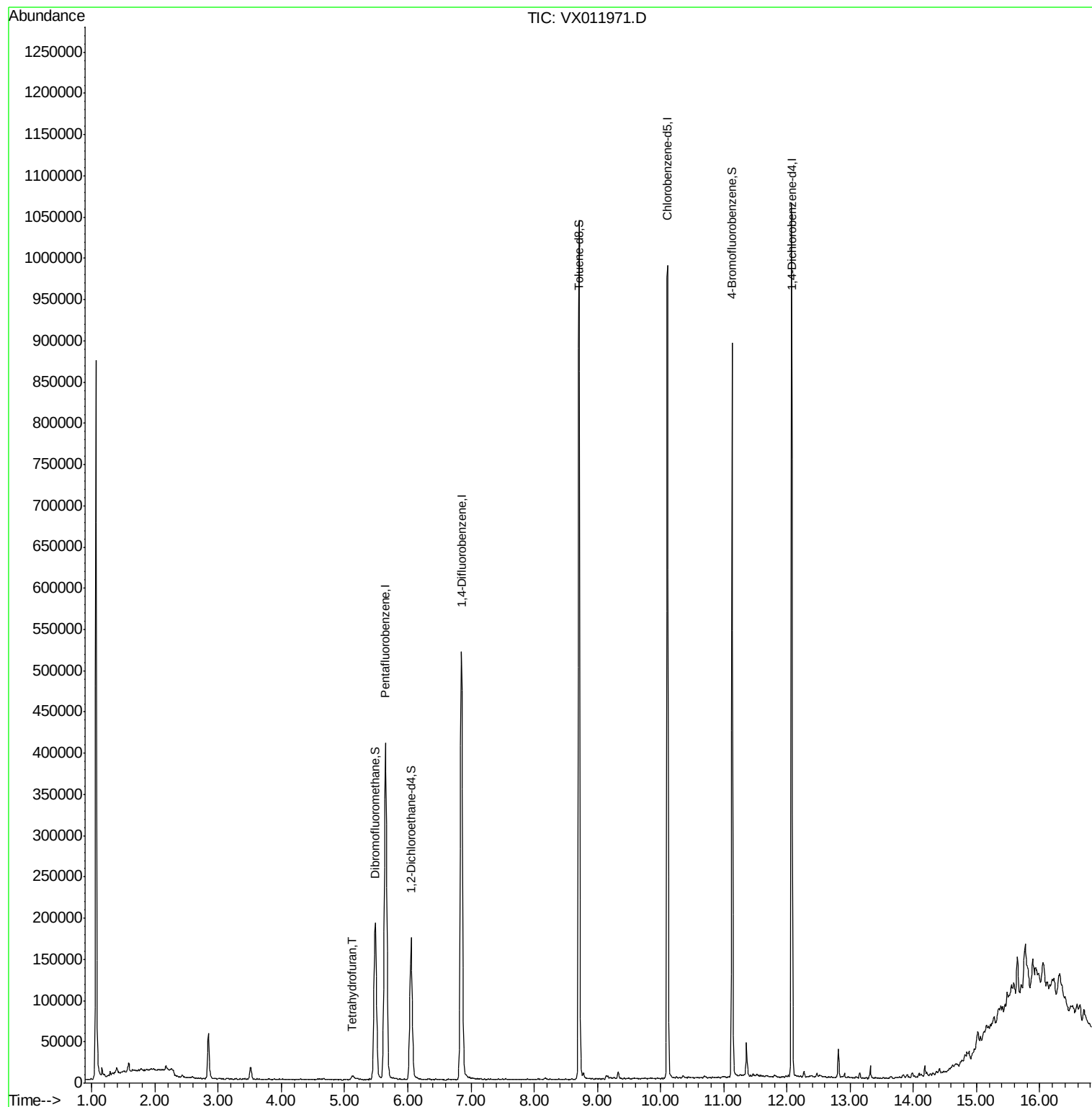
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	429135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	545470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	468048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	230421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	168967	41.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.20%	
35) Dibromofluoromethane	5.48	113	156394	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	
50) Toluene-d8	8.71	98	604388	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.14	95	214954	39.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.38%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	4502	5.598	ug/l #	91

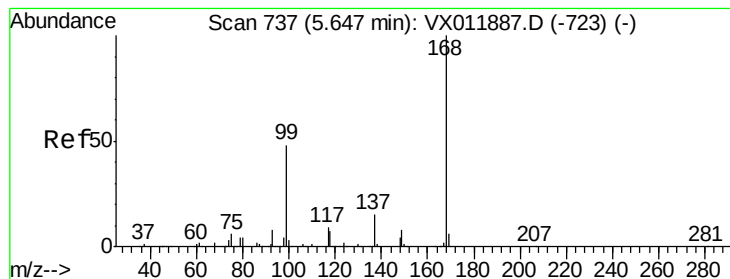
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011971.D

Acq: 01 Sep 2019 01:41

Instrument :

MSVOA_X

ClientSampleId :

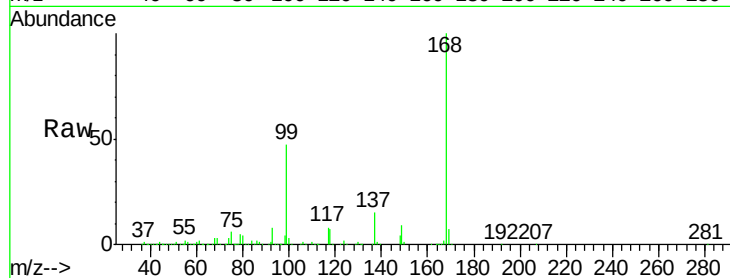
T9-12-13-F4-(1.9)

Tot Ion:168 Resp: 429135

Ion Ratio Lower Upper

168 100

99 46.8 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

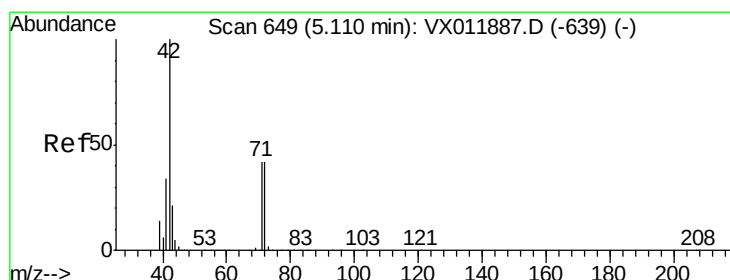
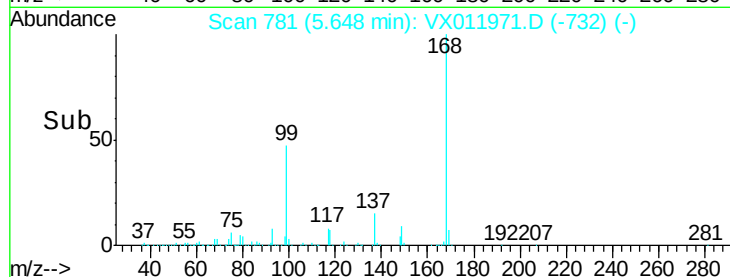
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 5.598 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011971.D

Acq: 01 Sep 2019 01:41

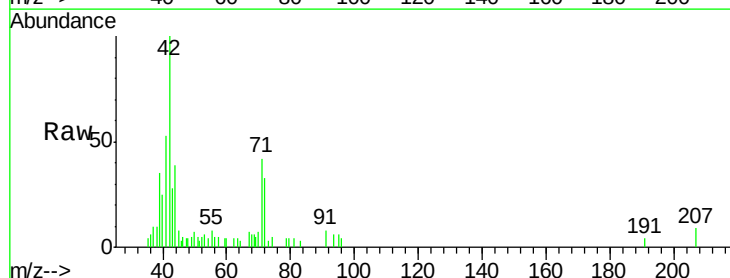
Tgt Ion: 42 Resp: 4502

Ion Ratio Lower Upper

42 100

72 48.2 36.2 54.4

71 50.4 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

2000

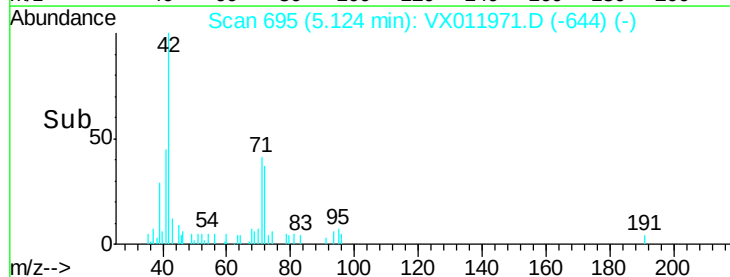
1500

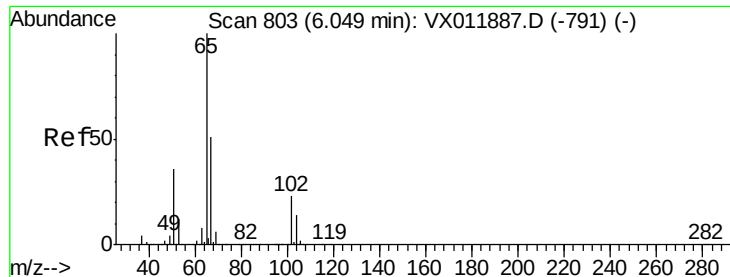
1000

500

0

Time-->

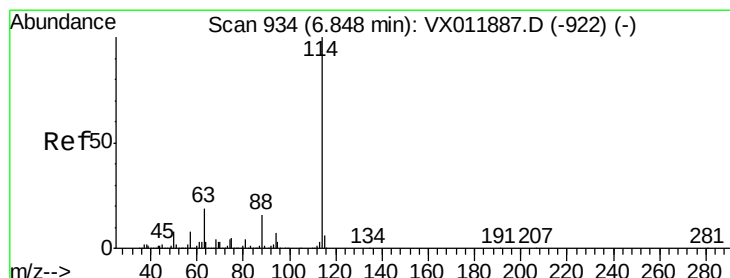
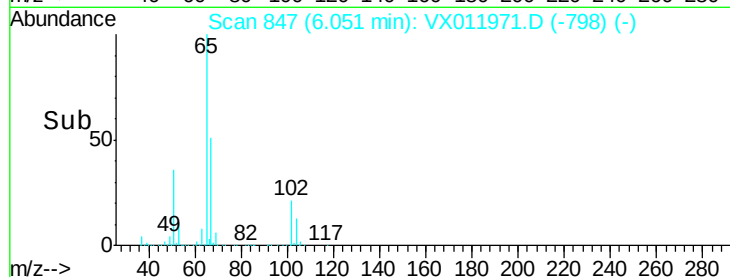
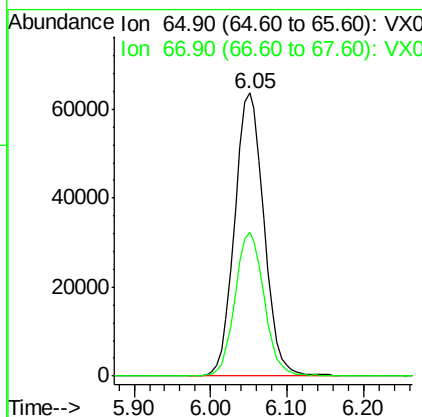
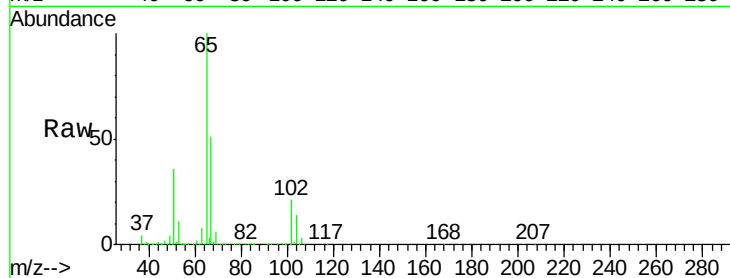




#33
 1,2-Dichloroethane-d4
 Concen: 41.096 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011971.D
 Acq: 01 Sep 2019 01:41

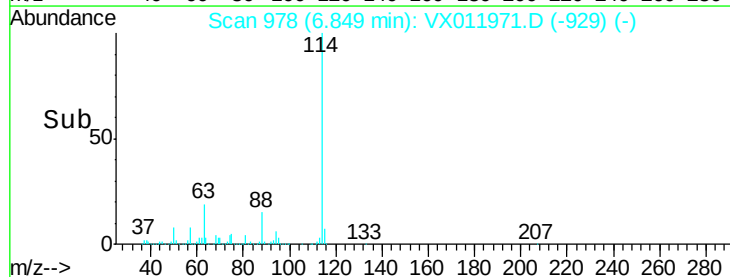
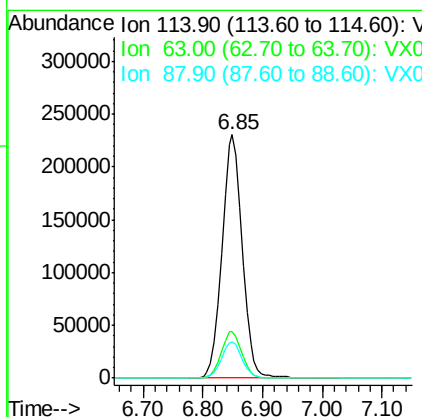
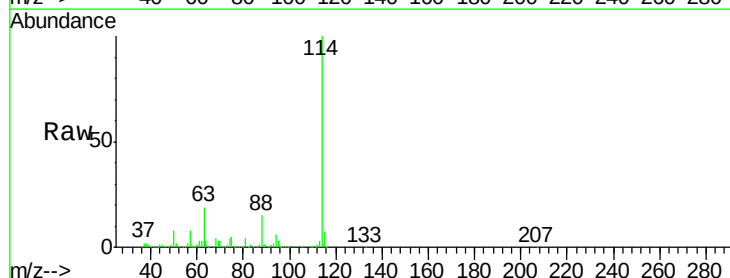
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-F4-(1.9)

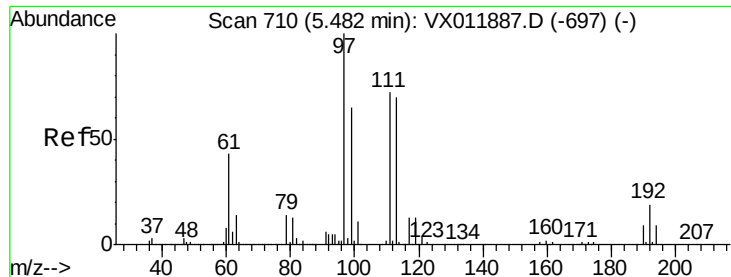
Tot Ion: 65 Resp: 168967
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011971.D
 Acq: 01 Sep 2019 01:41

Tgt Ion: 114 Resp: 545470
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.8
 88 15.1 0.0 31.2

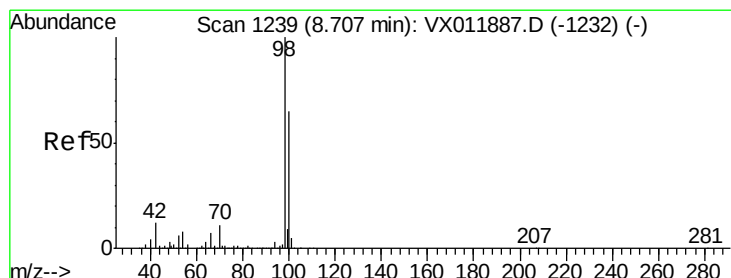
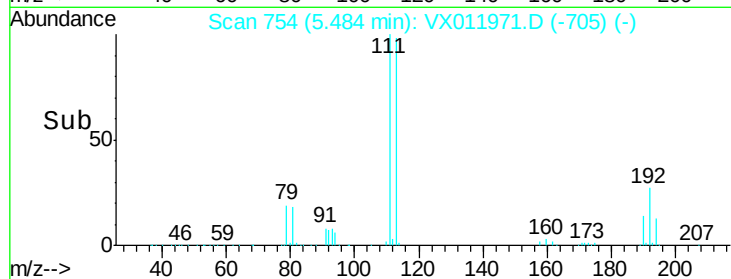
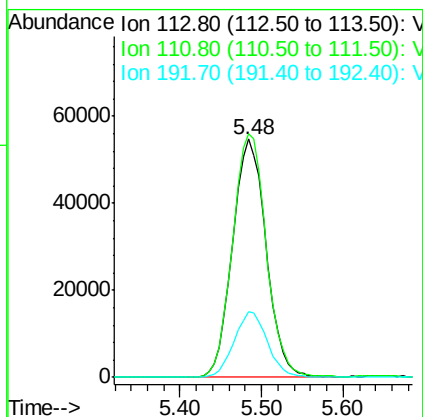
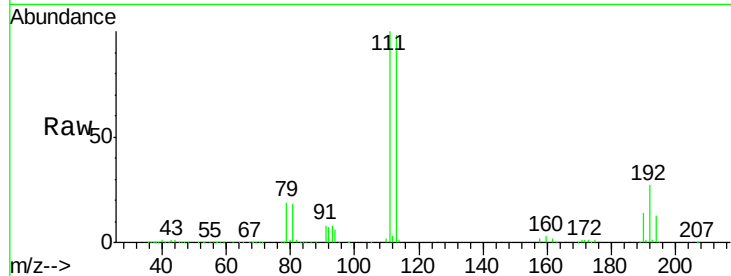




#35
Dibromofluoromethane
Concen: 44.712 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011971.D
Acq: 01 Sep 2019 01:41

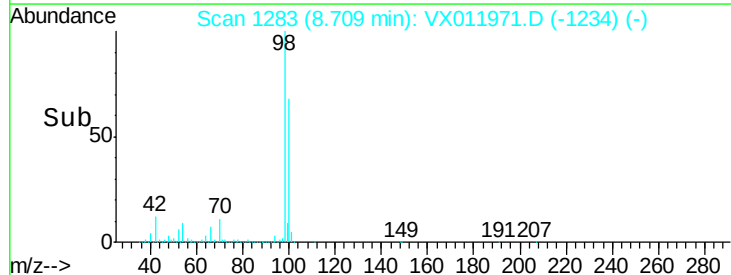
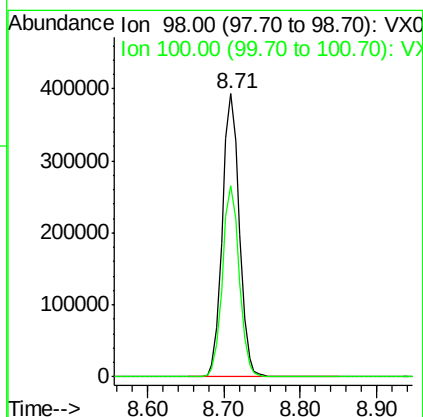
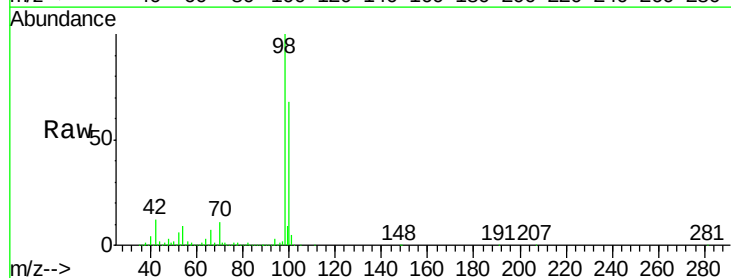
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F4-(1.9)

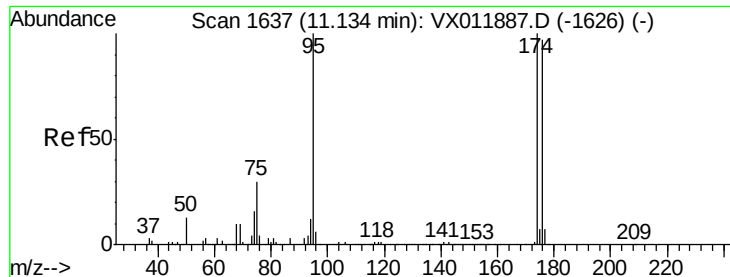
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	27.4	21.5	32.3



#50
Toluene-d8
Concen: 48.338 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011971.D
Acq: 01 Sep 2019 01:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 39.191 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011971.D

Acq: 01 Sep 2019 01:41

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-F4-(1.9)

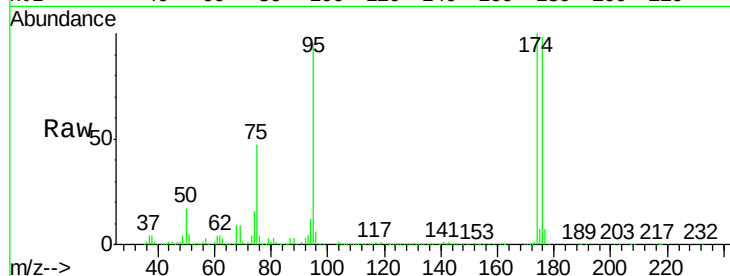
Tot Ion: 95 Resp: 214954

Ion Ratio Lower Upper

95 100

174 100.6 0.0 196.0

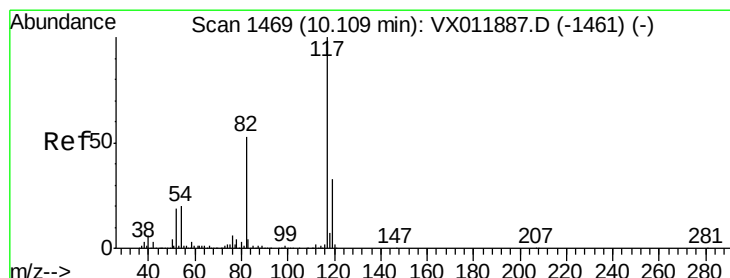
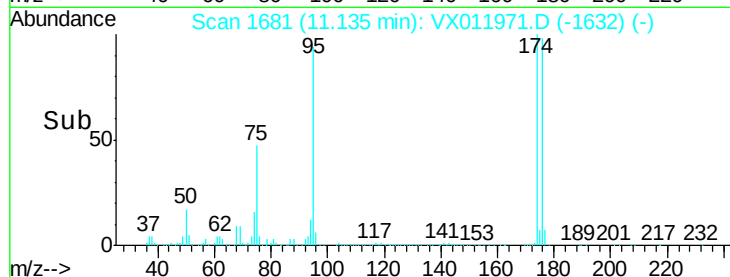
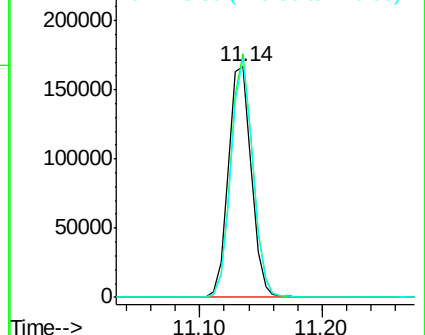
176 98.3 0.0 191.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011971.D

Acq: 01 Sep 2019 01:41

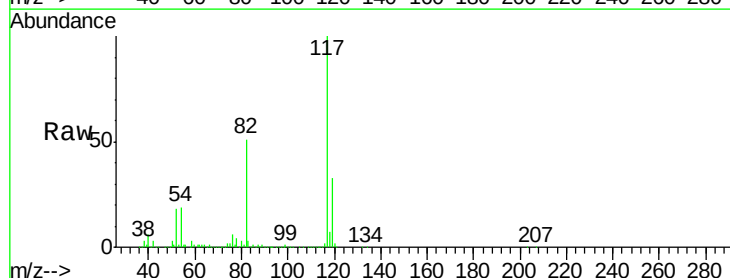
Tgt Ion: 117 Resp: 468048

Ion Ratio Lower Upper

117 100

82 50.8 42.0 63.0

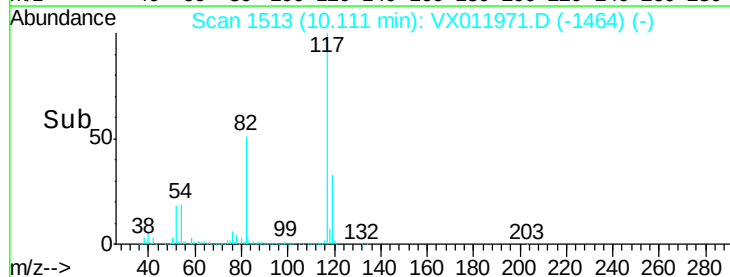
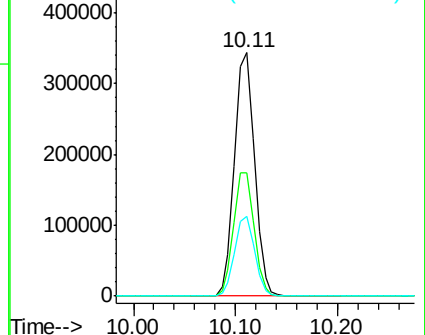
119 32.5 26.2 39.4

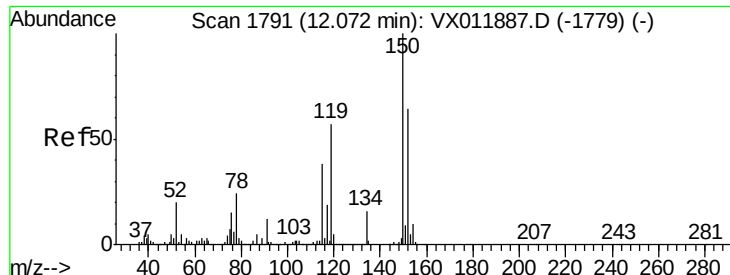


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX011971.D

Acq: 01 Sep 2019 01:41

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-F4-(1.9)

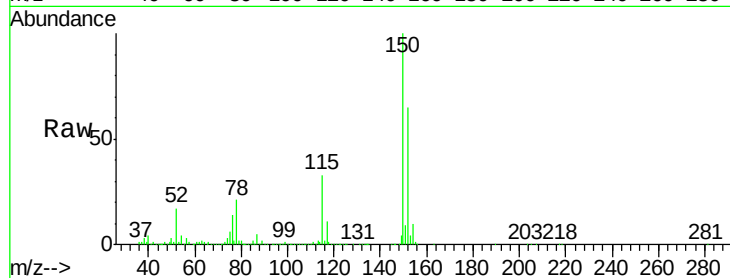
Tot Ion:152 Resp: 230421

Ion Ratio Lower Upper

152 100

115 52.2 37.1 111.3

150 155.9 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

