

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011975.D
 Acq On : 01 Sep 2019 03:33
 Operator : SY/SP
 Sample : K4526-18
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-G3-(1.9)

Quant Time: Sep 01 04:19:06 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

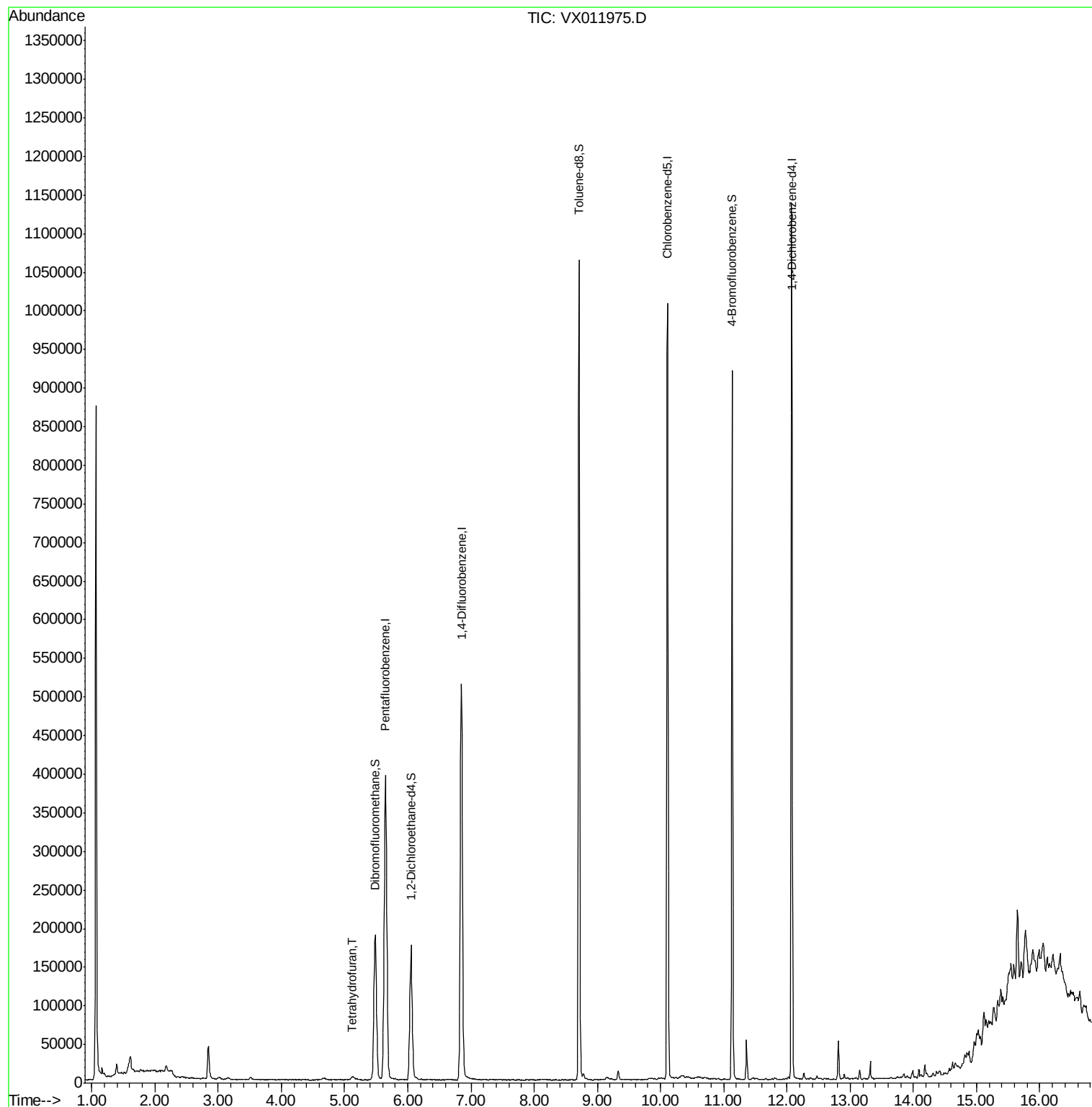
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	424792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	539504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	473233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	243463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	169438	41.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.26%	
35) Dibromofluoromethane	5.48	113	154640	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
50) Toluene-d8	8.71	98	602523	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.14	95	220410	40.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.26%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	4804	6.035	ug/l	Qvalue 94

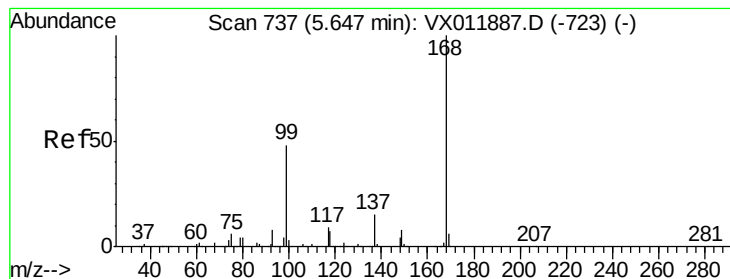
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011975.D

Acq: 01 Sep 2019 03:33

Instrument :

MSVOA_X

ClientSampleId :

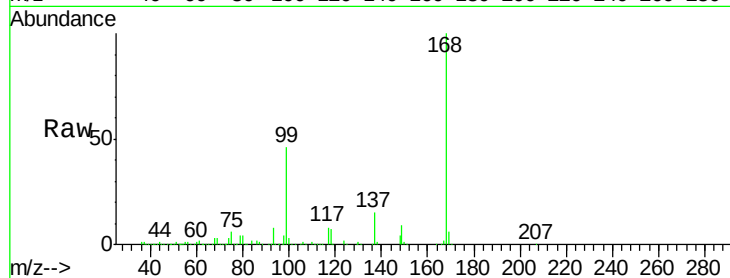
T9-12-13-G3-(1.9)

Tot Ion:168 Resp: 424792

Ion Ratio Lower Upper

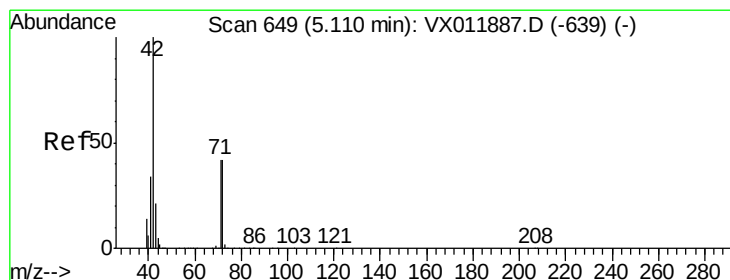
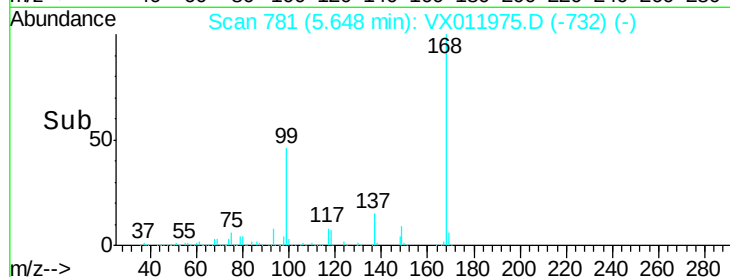
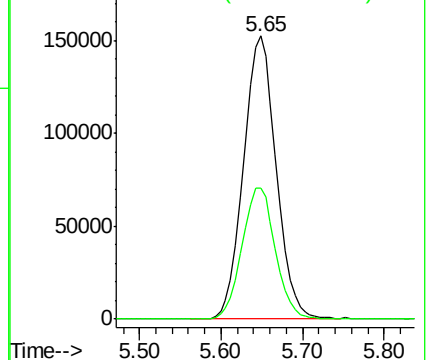
168 100

99 46.2 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#29

Tetrahydrofuran

Concen: 6.035 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011975.D

Acq: 01 Sep 2019 03:33

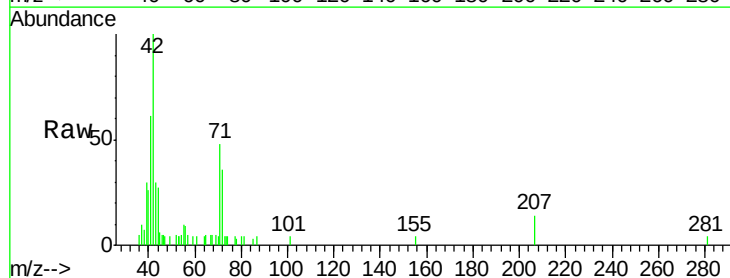
Tgt Ion: 42 Resp: 4804

Ion Ratio Lower Upper

42 100

72 47.3 36.2 54.4

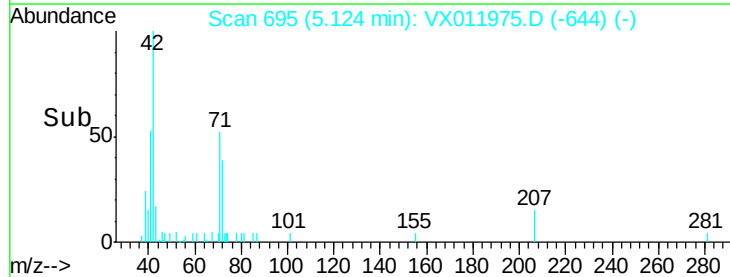
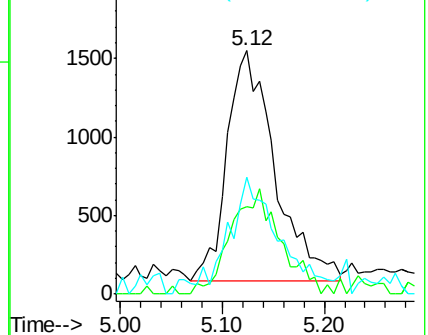
71 46.6 33.1 49.7

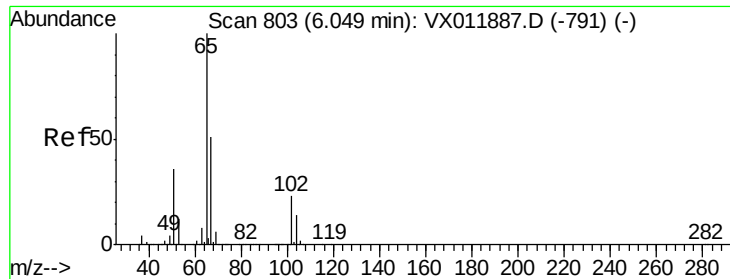


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

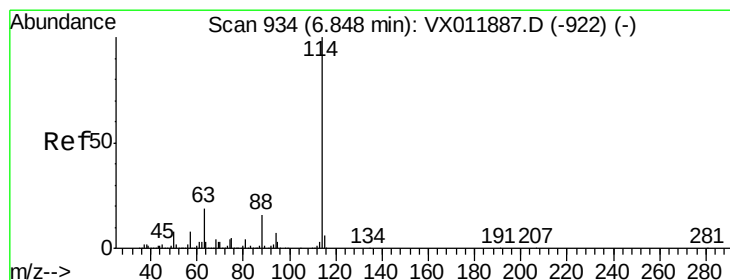
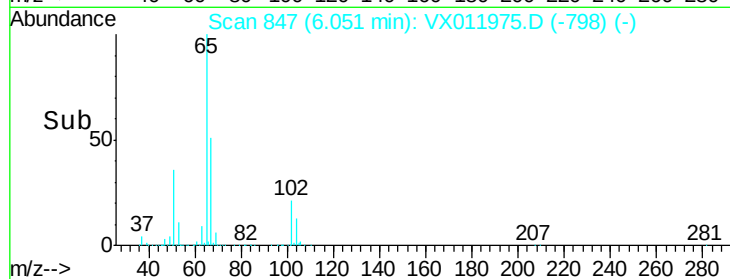
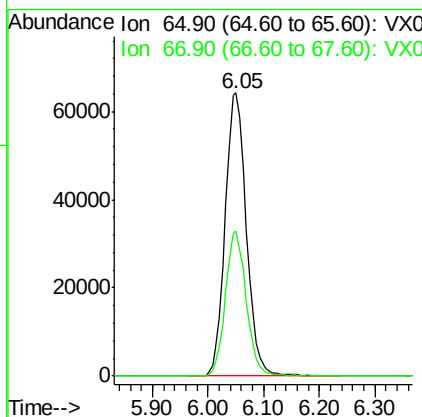
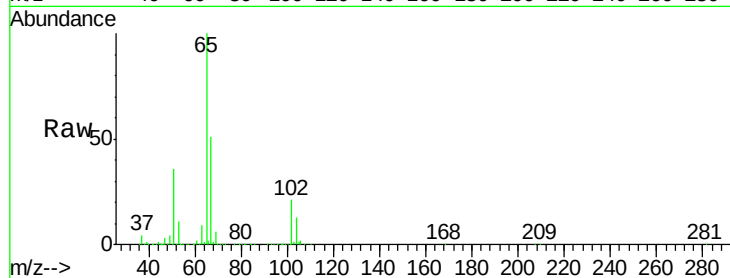




#33
 1,2-Dichloroethane-d4
 Concen: 41.632 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011975.D
 Acq: 01 Sep 2019 03:33

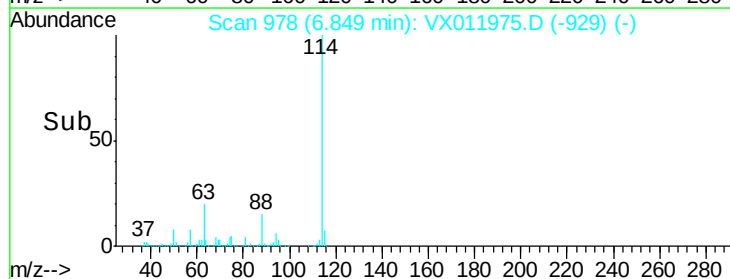
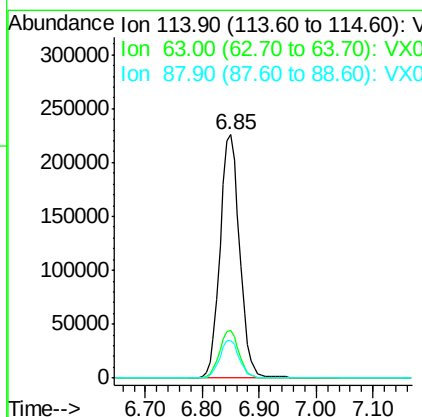
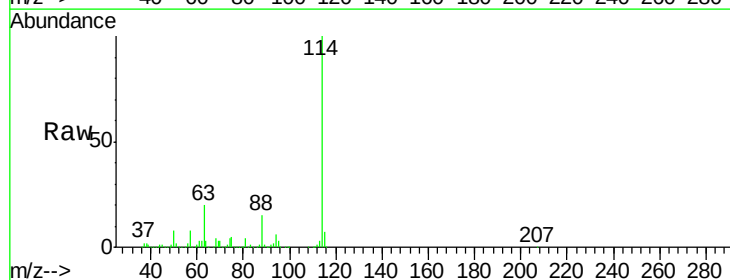
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-G3-(1.9)

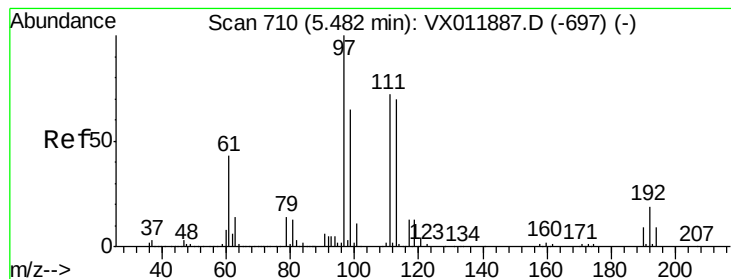
Tot Ion: 65 Resp: 169438
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011975.D
 Acq: 01 Sep 2019 03:33

Tgt Ion: 114 Resp: 539504
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.8
 88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.700 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011975.D

Acq: 01 Sep 2019 03:33

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-G3-(1.9)

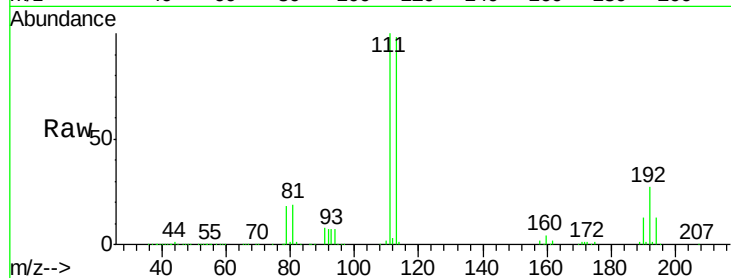
Tot Ion:113 Resp: 154640

Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

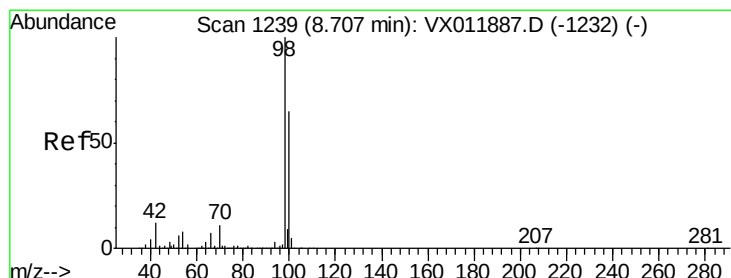
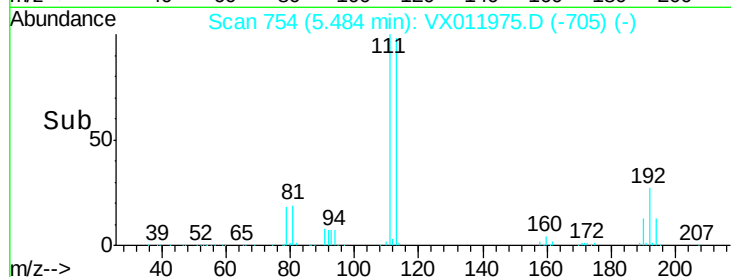
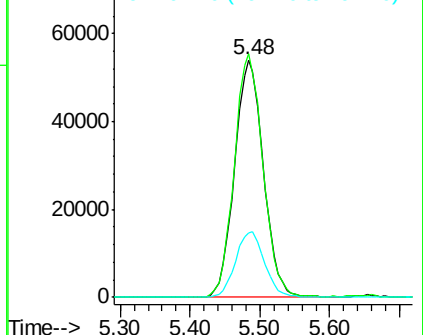
192 27.8 21.5 32.3



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: 48.721 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011975.D

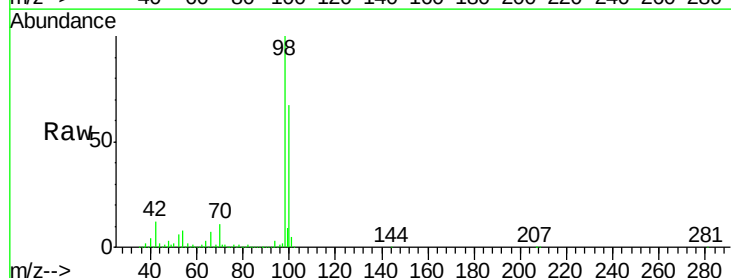
Acq: 01 Sep 2019 03:33

Tgt Ion: 98 Resp: 602523

Ion Ratio Lower Upper

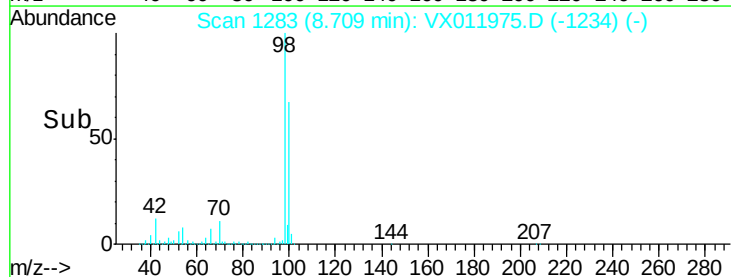
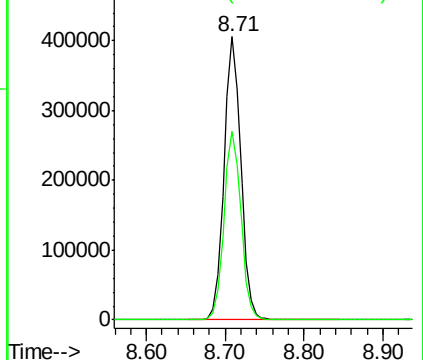
98 100

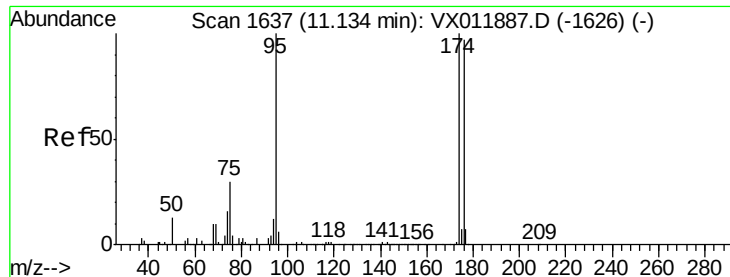
100 67.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 40.630 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011975.D

Acq: 01 Sep 2019 03:33

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-G3-(1.9)

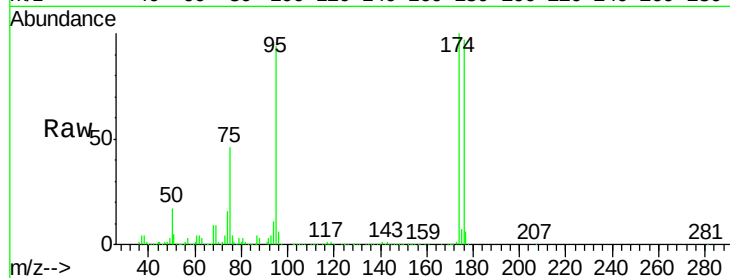
Tot Ion: 95 Resp: 220410

Ion Ratio Lower Upper

95 100

174 102.0 0.0 196.0

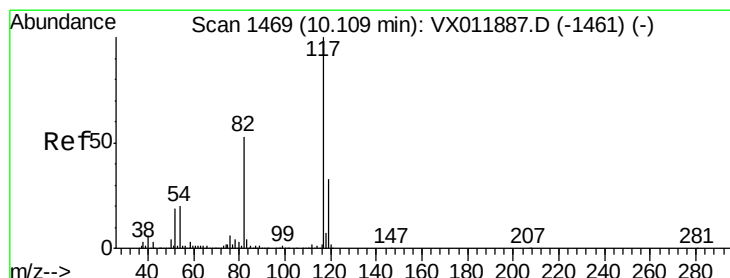
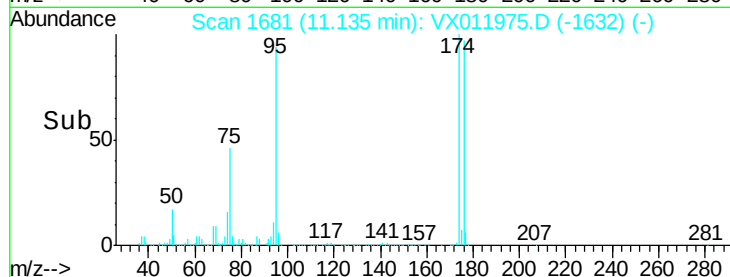
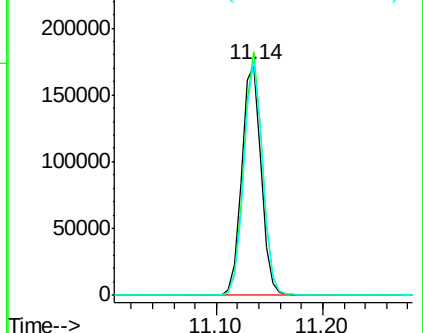
176 98.9 0.0 191.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011975.D

Acq: 01 Sep 2019 03:33

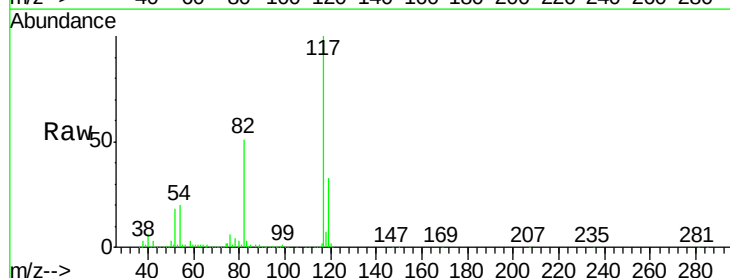
Tgt Ion: 117 Resp: 473233

Ion Ratio Lower Upper

117 100

82 51.1 42.0 63.0

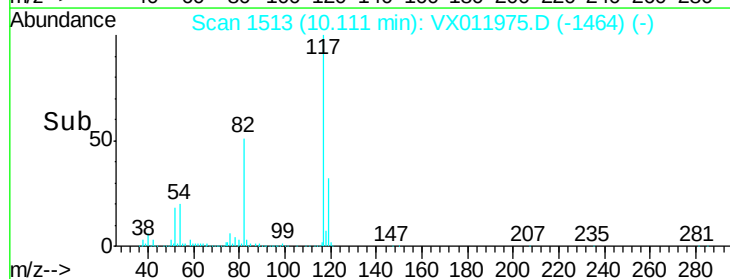
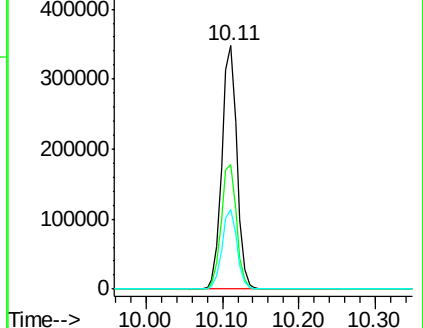
119 32.5 26.2 39.4

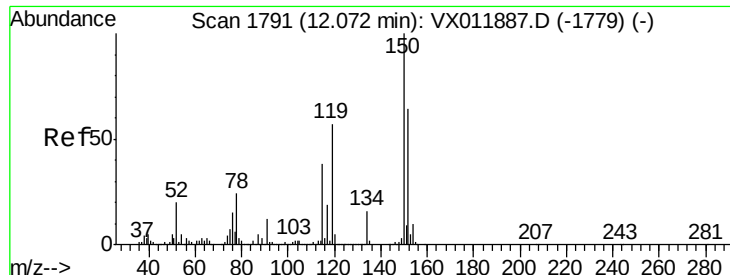


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011975.D

Acq: 01 Sep 2019 03:33

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-G3-(1.9)

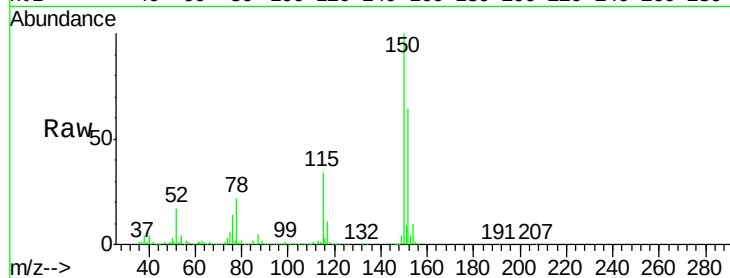
Tot Ion:152 Resp: 243463

Ion Ratio Lower Upper

152 100

115 52.7 37.1 111.3

150 156.0 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

