

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011973.D
 Acq On : 01 Sep 2019 02:37
 Operator : SY/SP
 Sample : K4526-16
 Misc : 5.52g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-G3-(0)

Quant Time: Sep 01 04:15:08 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

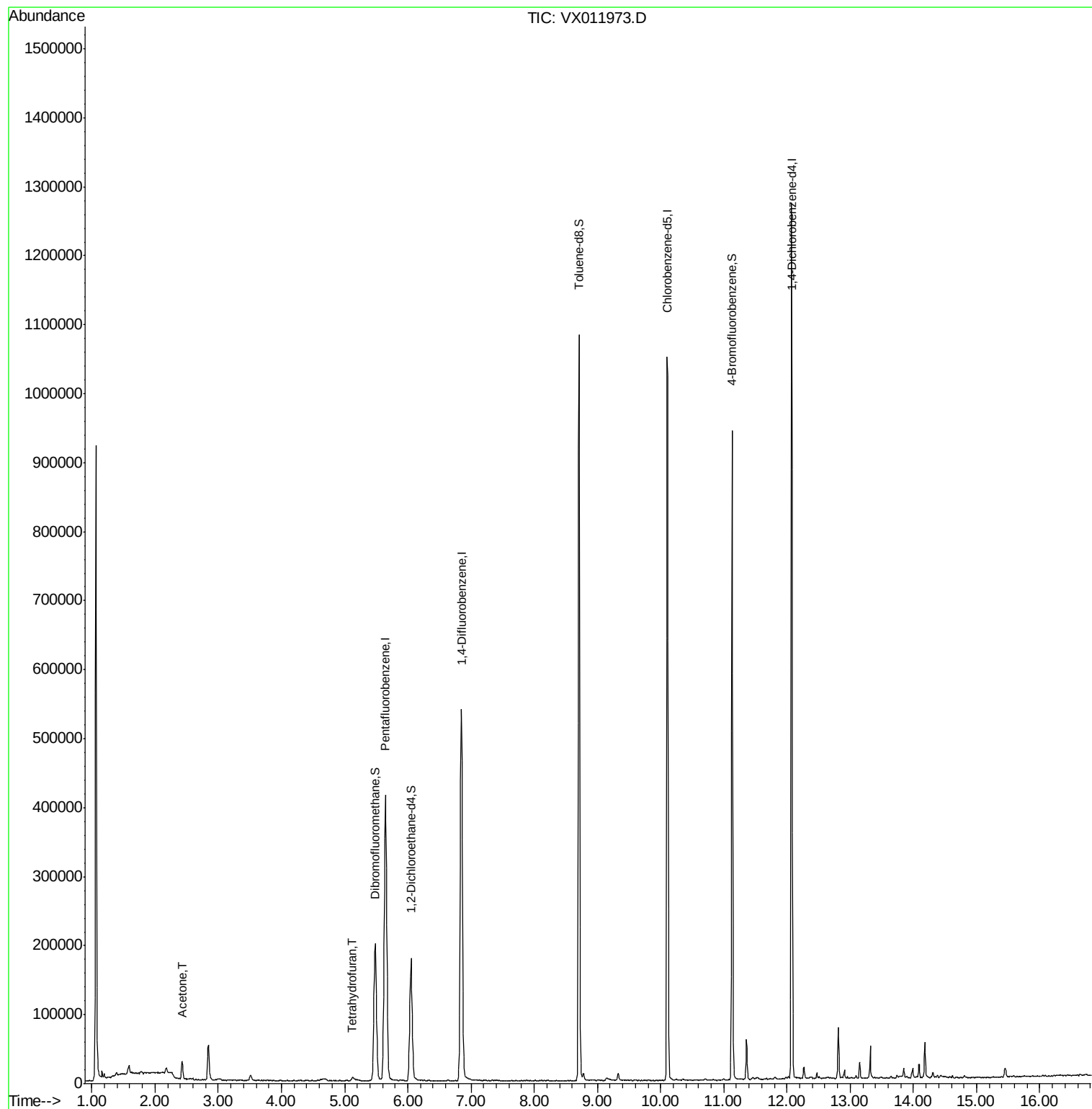
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	439966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	563703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	502294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	272628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	175781	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
35) Dibromofluoromethane	5.48	113	161285	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
50) Toluene-d8	8.71	98	627826	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.13	95	239062	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.36%	
Target Compounds						
16) Acetone	2.43	43	28056	30.934	ug/l	99
29) Tetrahydrofuran	5.12	42	5006	6.072	ug/l #	89

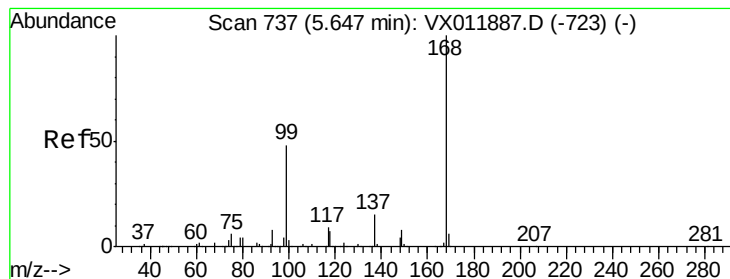
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

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Acq: 01 Sep 2019 02:37

Instrument :

MSVOA_X

ClientSampleId :

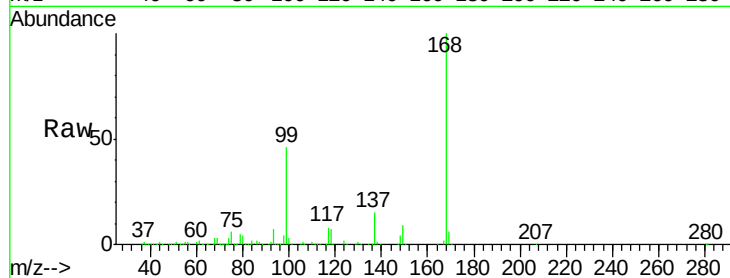
T9-12-13-G3-(0)

Tot Ion:168 Resp: 439966

Ion Ratio Lower Upper

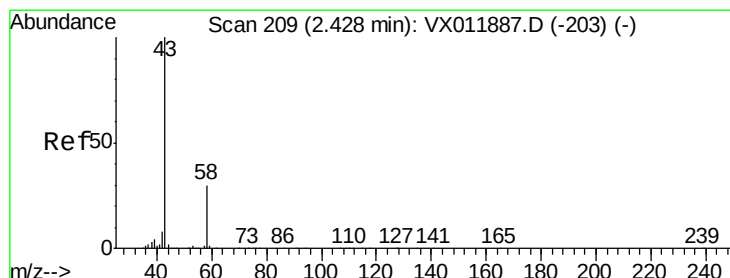
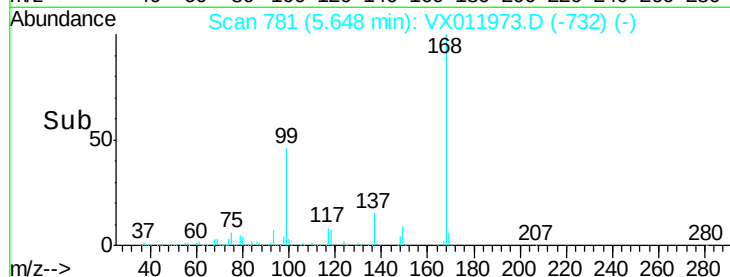
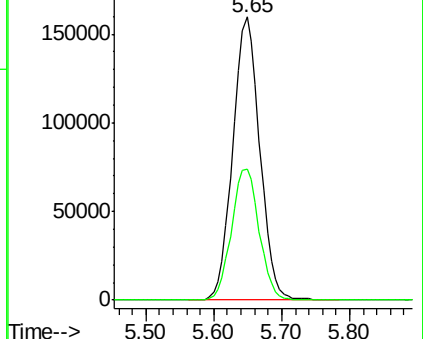
168 100

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



#16

Acetone

Concen: 30.934 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011973.D

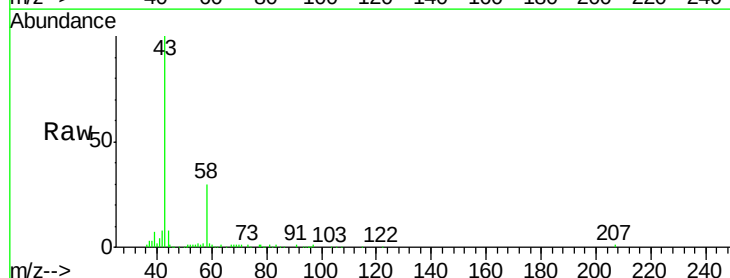
Acq: 01 Sep 2019 02:37

Tgt Ion: 43 Resp: 28056

Ion Ratio Lower Upper

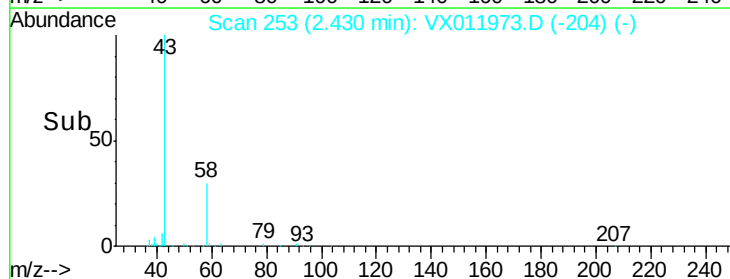
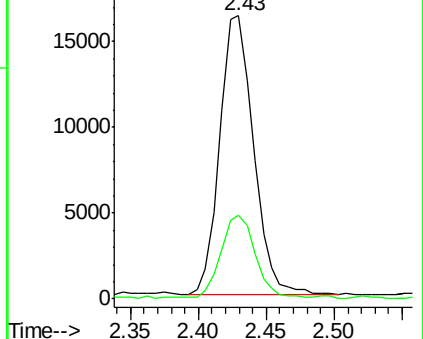
43 100

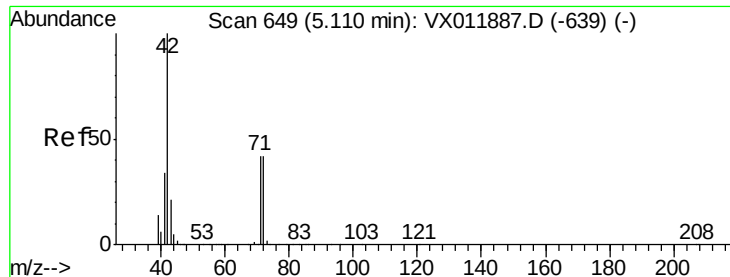
58 30.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#29

Tetrahydrofuran

Concen: 6.072 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011973.D

Acq: 01 Sep 2019 02:37

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-G3-(0)

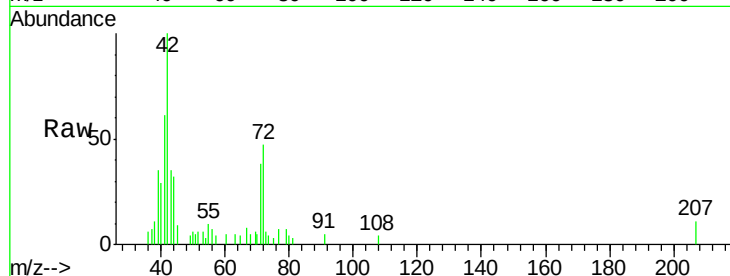
Tot Ion: 42 Resp: 5006

Ion Ratio Lower Upper

42 100

72 49.3 36.2 54.4

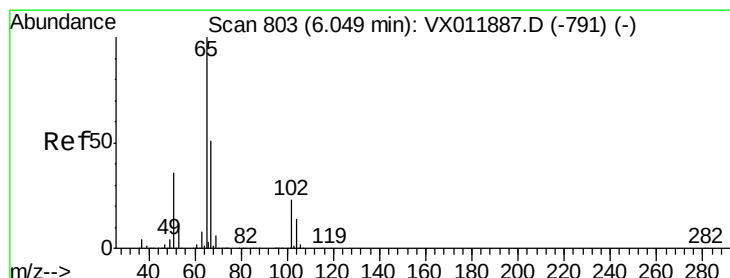
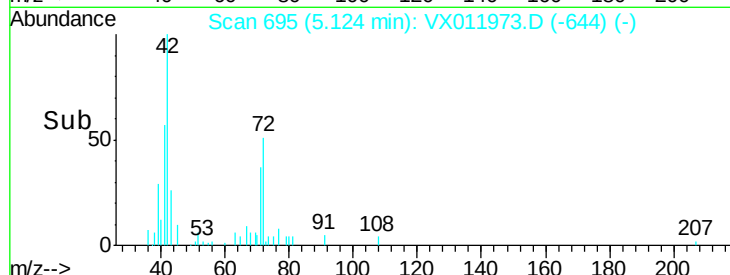
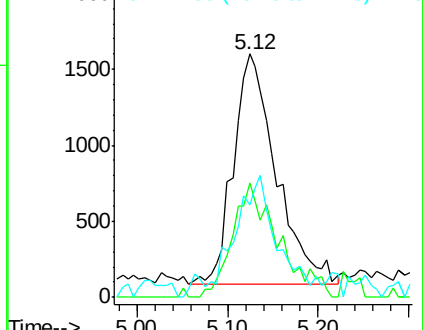
71 52.3 33.1 49.7#



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: 41.701 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011973.D

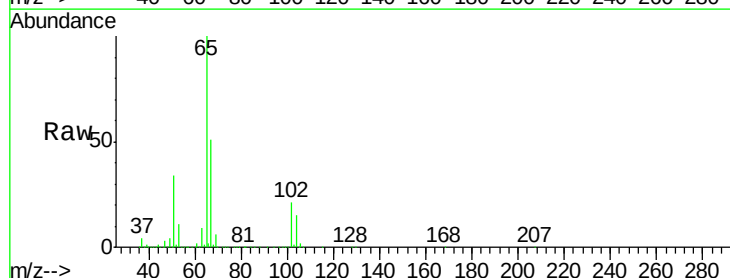
Acq: 01 Sep 2019 02:37

Tgt Ion: 65 Resp: 175781

Ion Ratio Lower Upper

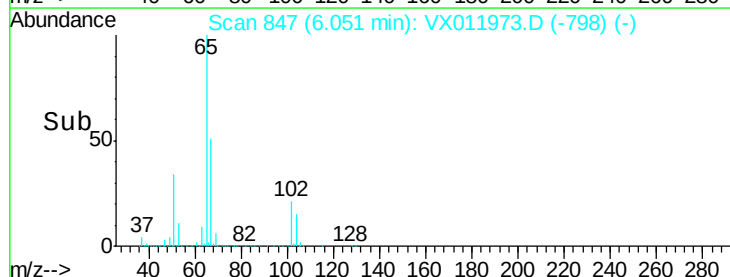
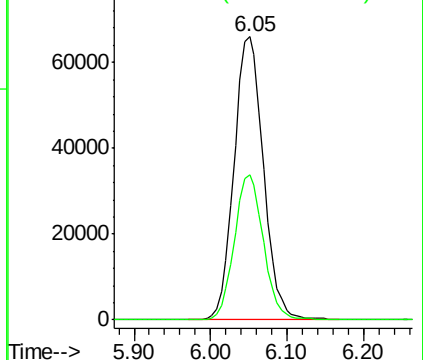
65 100

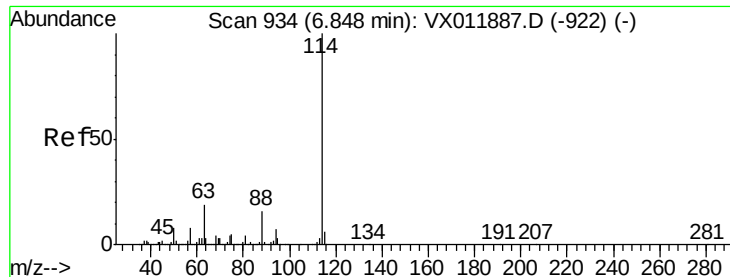
67 50.5 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

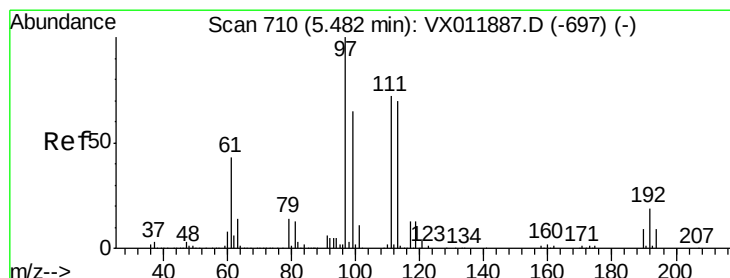
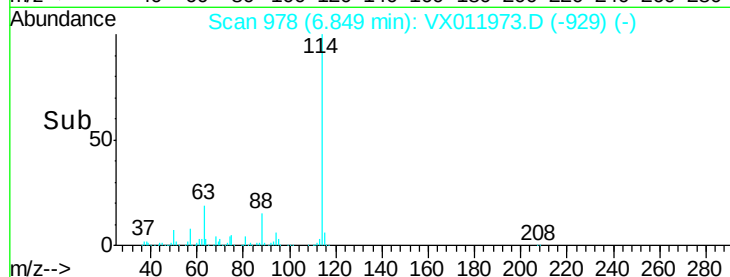
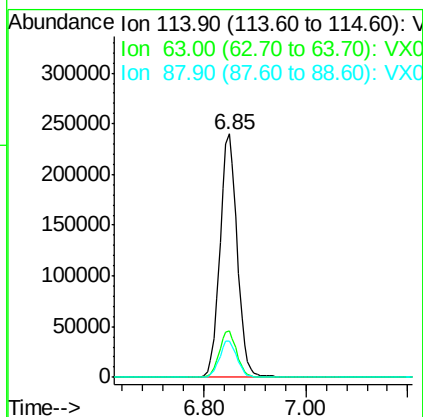
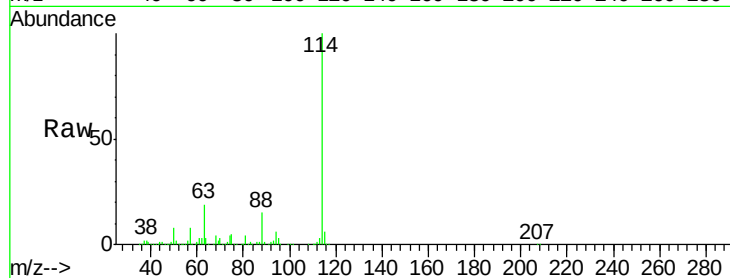




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011973.D
 Acq: 01 Sep 2019 02:37

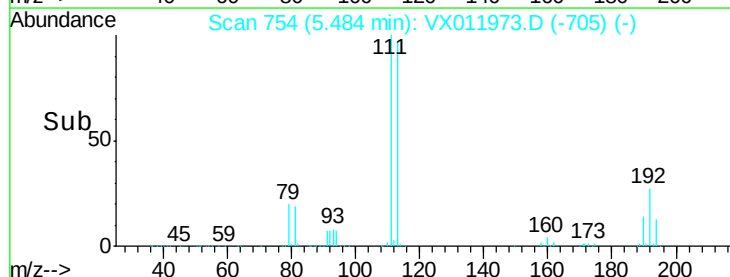
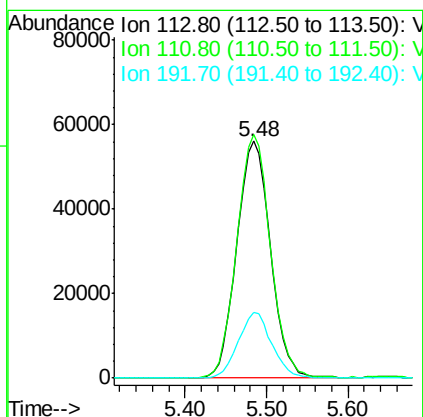
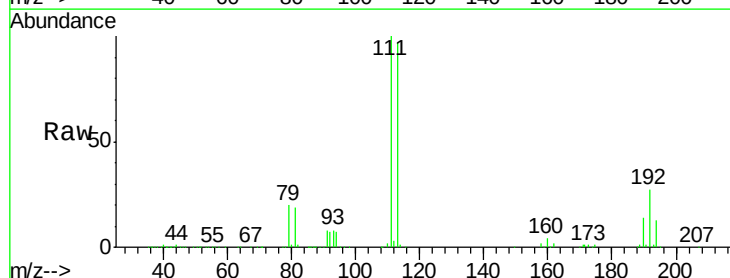
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-G3-(0)

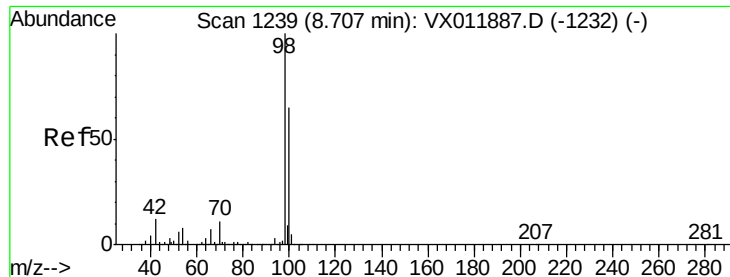
Tot Ion:114 Resp: 563703
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.8
 88 15.1 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 44.619 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011973.D
 Acq: 01 Sep 2019 02:37

Tgt Ion:113 Resp: 161285
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.1 123.1
 192 27.5 21.5 32.3





#50

Toluene-d8

Concen: 48.588 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011973.D

Acq: 01 Sep 2019 02:37

Instrument :

MSVOA_X

ClientSampleId :

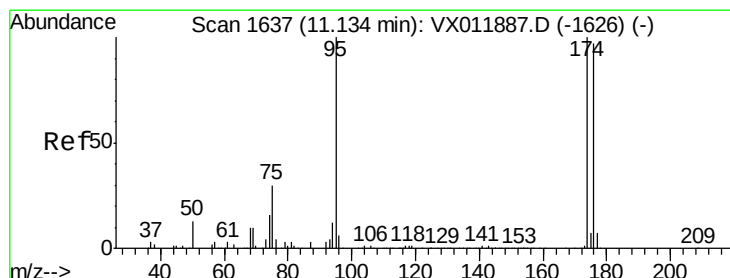
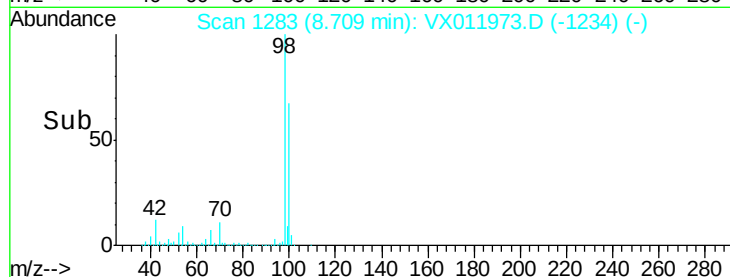
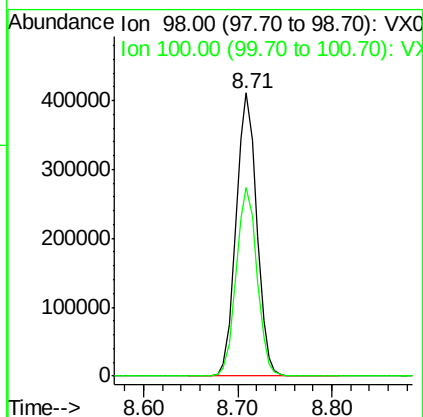
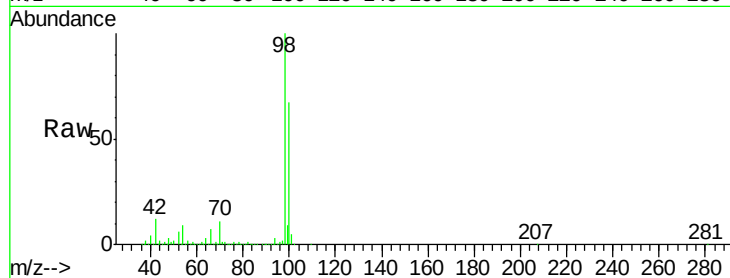
T9-12-13-G3-(0)

Tot Ion: 98 Resp: 627826

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 42.176 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011973.D

Acq: 01 Sep 2019 02:37

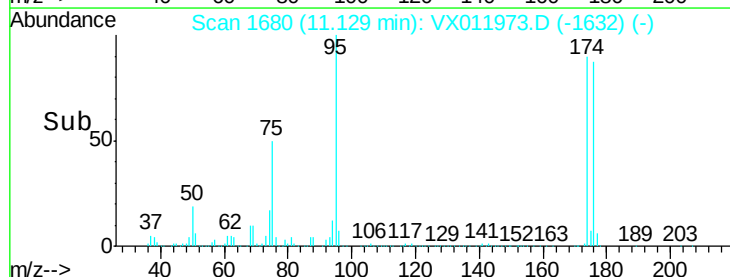
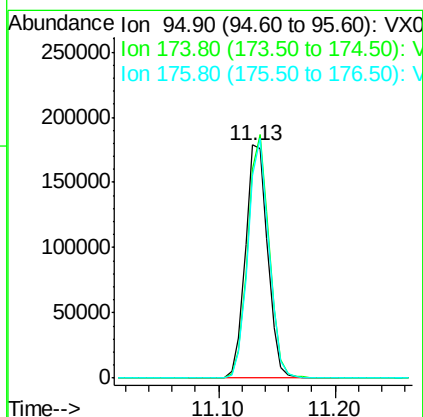
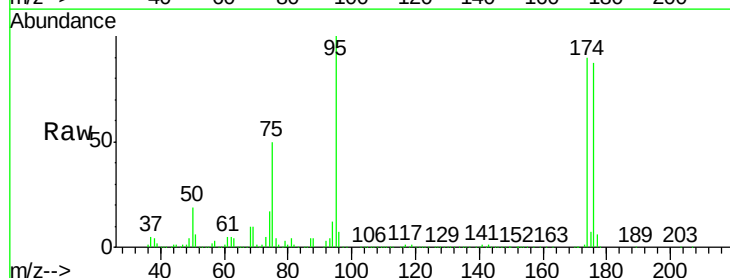
Tgt Ion: 95 Resp: 239062

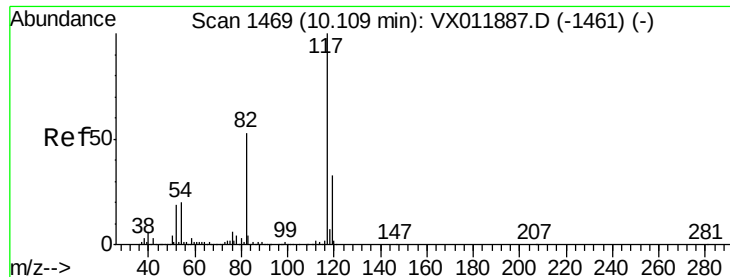
Ion Ratio Lower Upper

95 100

174 99.8 0.0 196.0

176 96.9 0.0 191.4

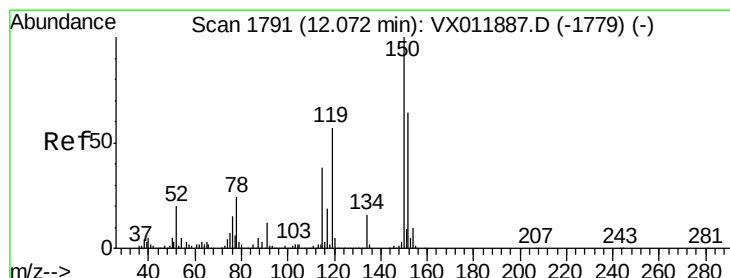
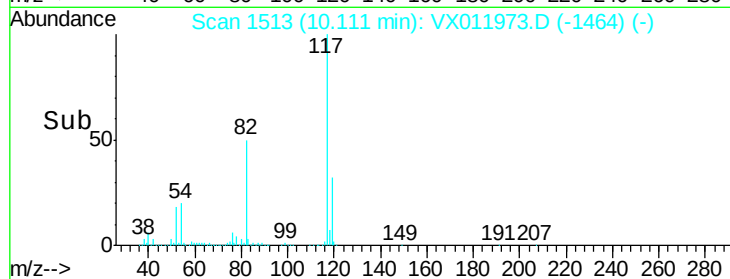
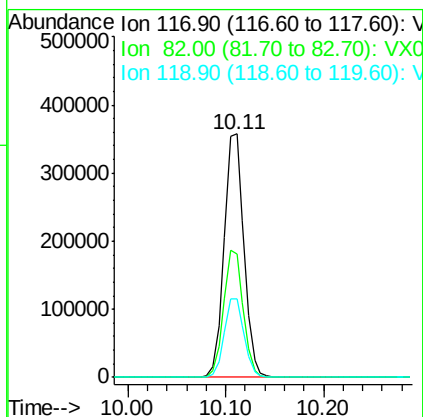
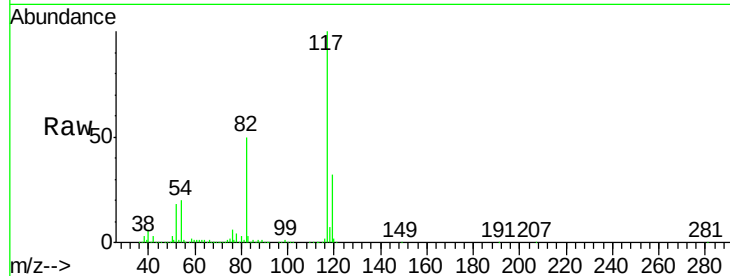




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-G3-(0)

Tot Ion:117 Resp: 502294
Ion Ratio Lower Upper
117 100
82 50.4 42.0 63.0
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011973.D
Acq: 01 Sep 2019 02:37

Tgt Ion:152 Resp: 272628
Ion Ratio Lower Upper
152 100
115 52.6 37.1 111.3
150 156.3 0.0 339.6

