

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011950.D
 Acq On : 31 Aug 2019 14:55
 Operator : SY/SP
 Sample : K4516-14
 Misc : 6.24g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B3-(2.5)

Quant Time: Sep 01 02:36:38 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

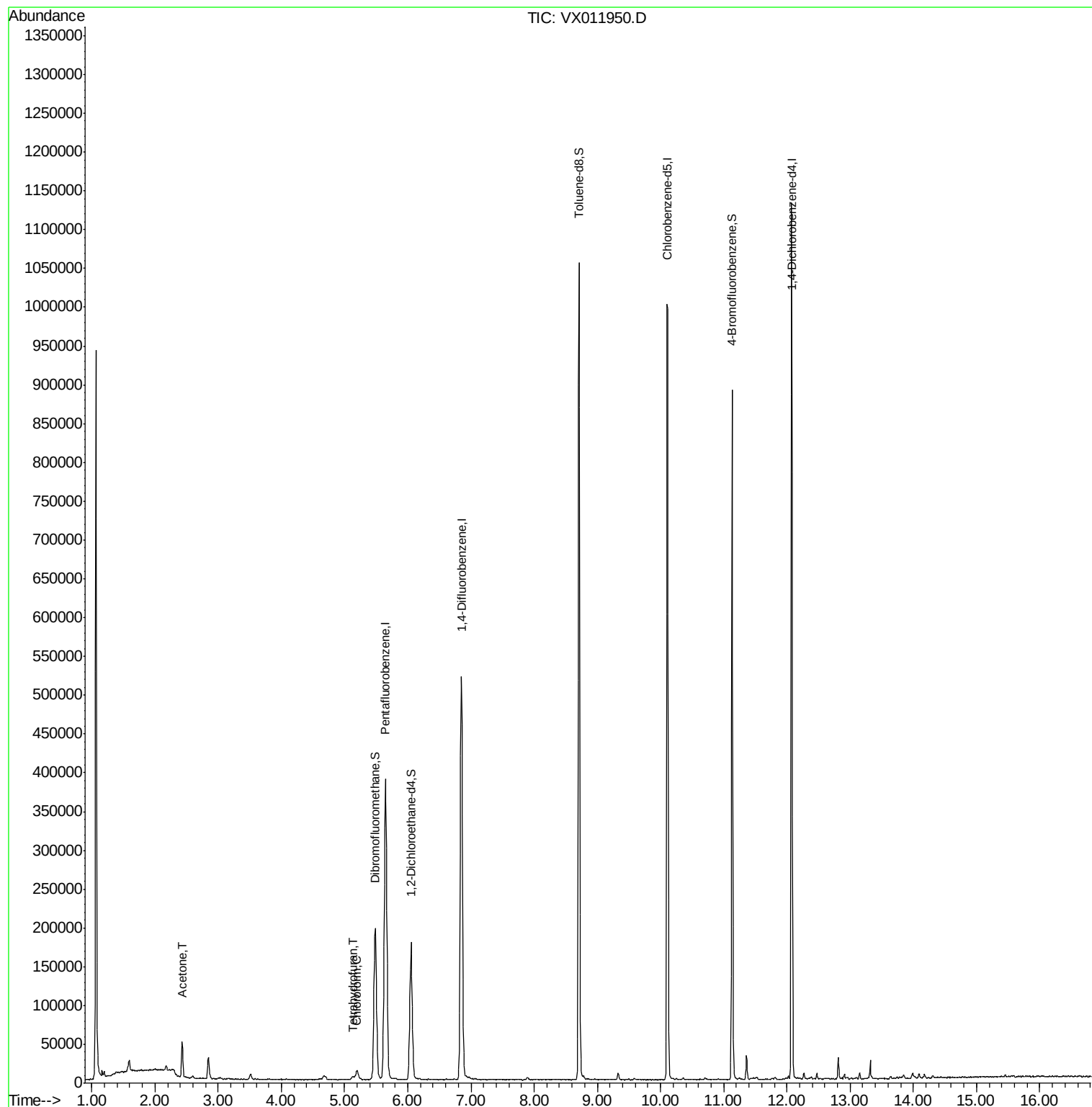
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	410541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	545659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	471831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	239510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	170390	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
35) Dibromofluoromethane	5.48	113	160145	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
50) Toluene-d8	8.71	98	611731	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	221511	40.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.74%	
Target Compounds						
16) Acetone	2.43	43	48390	57.178	ug/l	99
29) Tetrahydrofuran	5.14	42	4216	5.480	ug/l	94
30) Chloroform	5.20	83	13164	2.022	ug/l	97

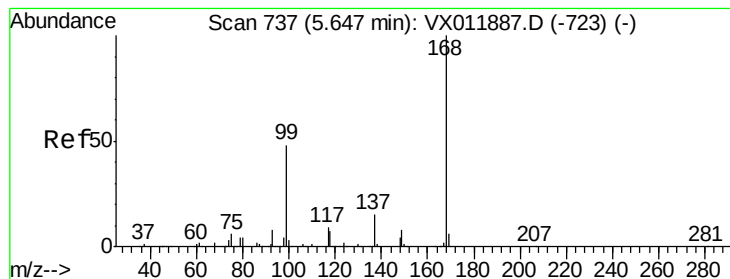
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
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

Lab File: VX011950.D

Acq: 31 Aug 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

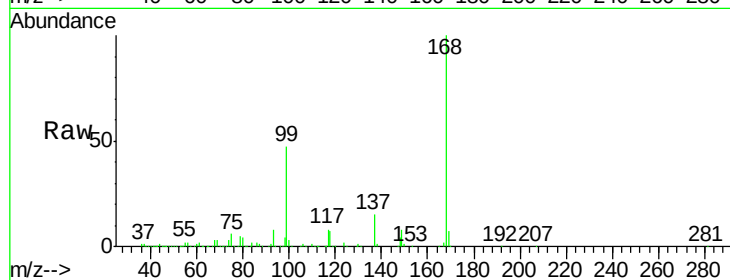
T2-S-B3-(2.5)

Tot Ion:168 Resp: 410541

Ion Ratio Lower Upper

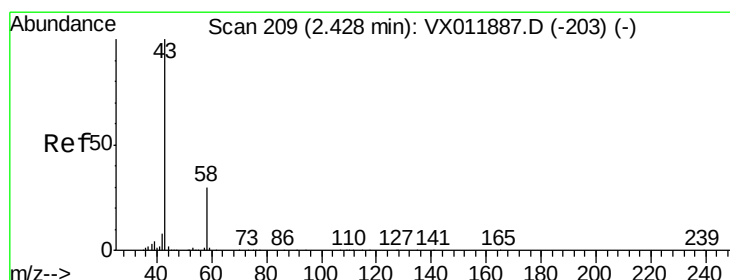
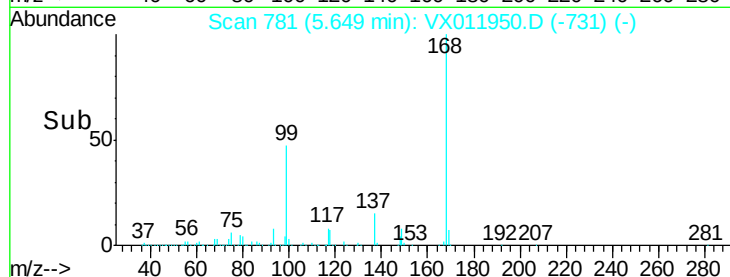
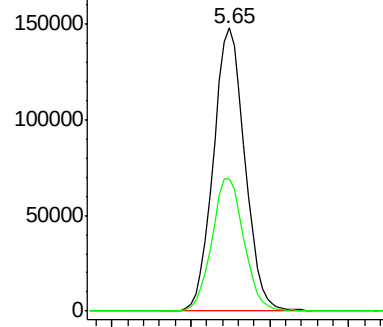
168 100

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



#16

Acetone

Concen: 57.178 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011950.D

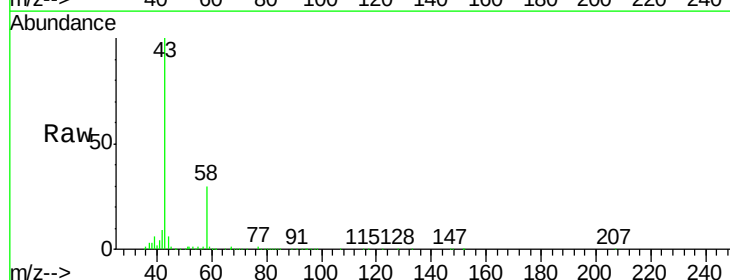
Acq: 31 Aug 2019 14:55

Tgt Ion: 43 Resp: 48390

Ion Ratio Lower Upper

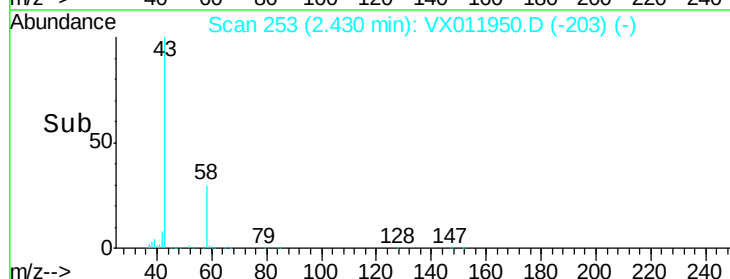
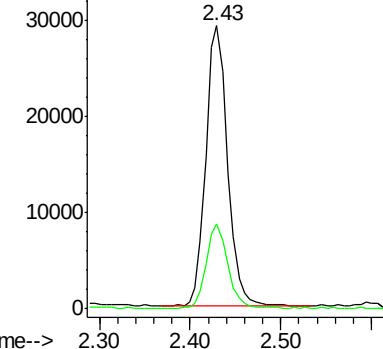
43 100

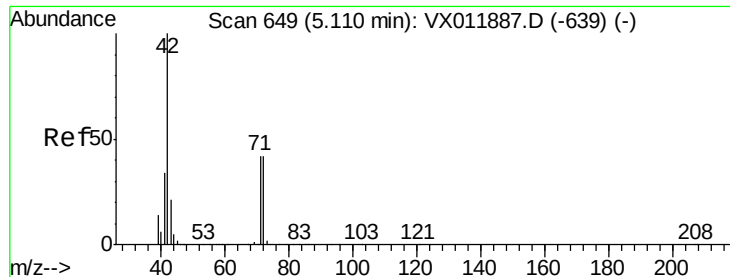
58 30.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#29

Tetrahydrofuran

Concen: 5.480 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.03 min

Lab File: VX011950.D

Acq: 31 Aug 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B3-(2.5)

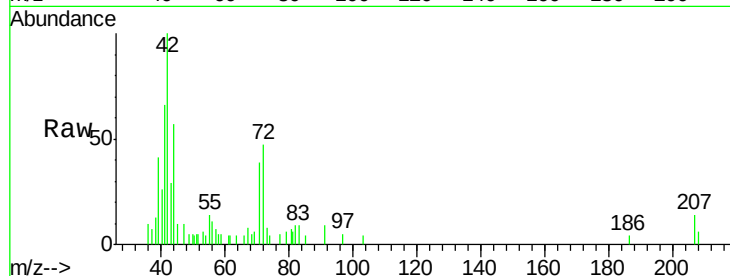
Tot Ion: 42 Resp: 4216

Ion Ratio Lower Upper

42 100

72 50.0 36.2 54.4

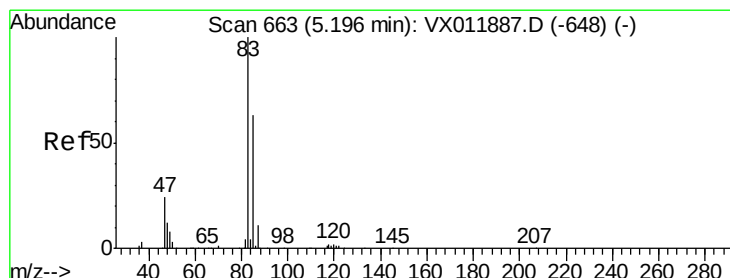
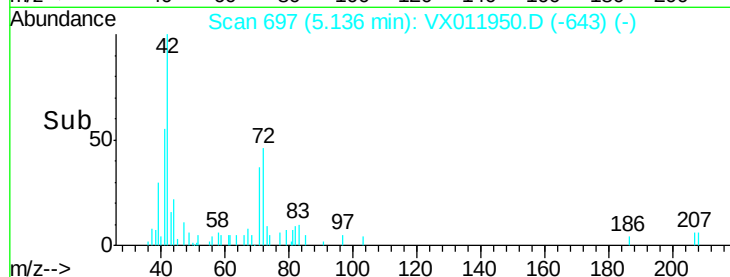
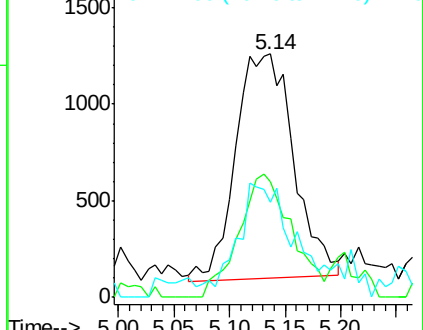
71 39.1 33.1 49.7



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



#30

Chloroform

Concen: 2.022 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX011950.D

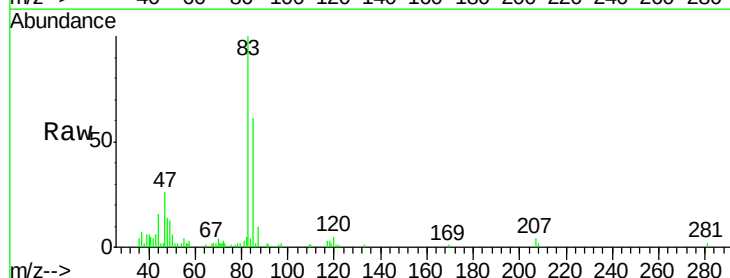
Acq: 31 Aug 2019 14:55

Tgt Ion: 83 Resp: 13164

Ion Ratio Lower Upper

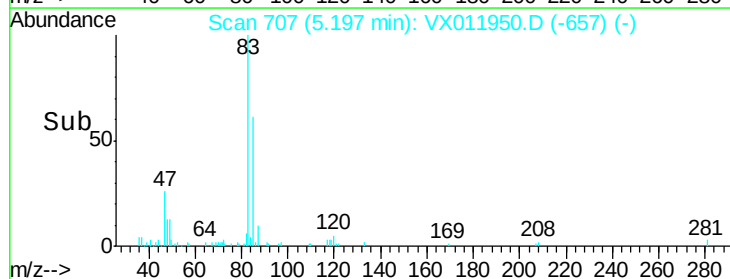
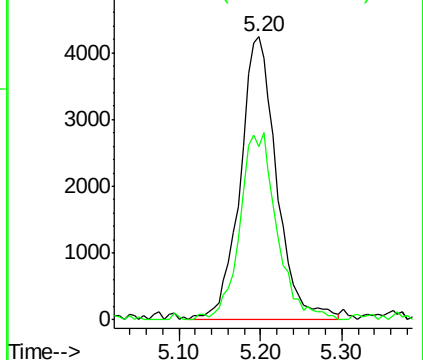
83 100

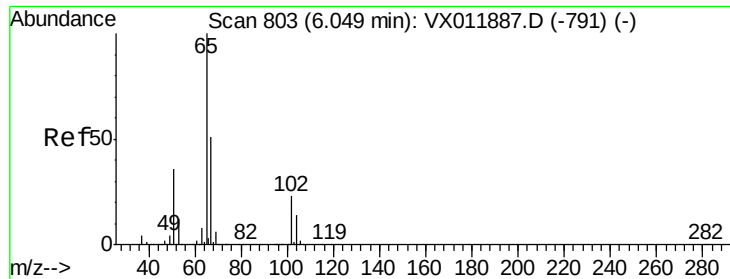
85 61.1 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

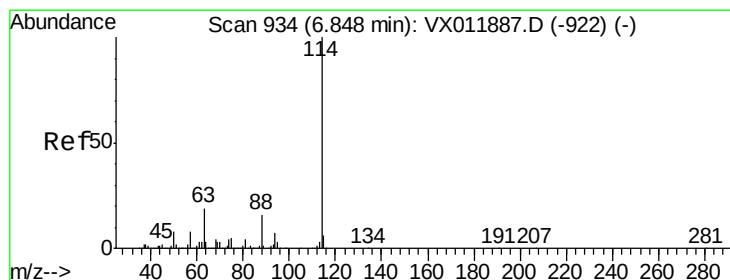
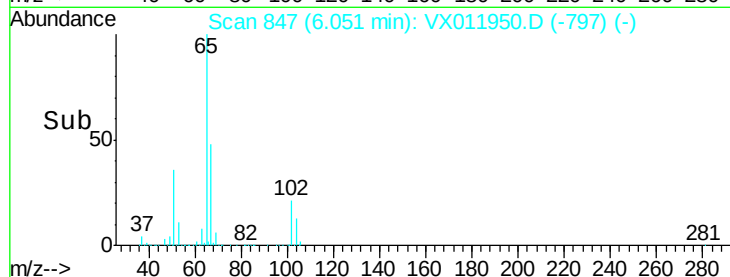
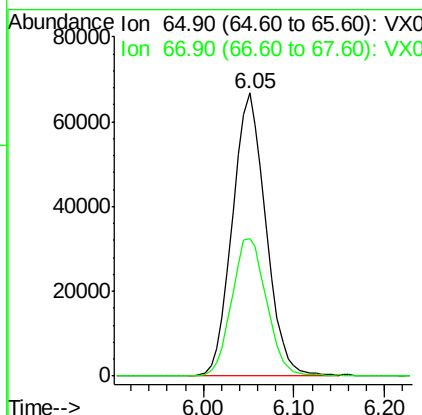
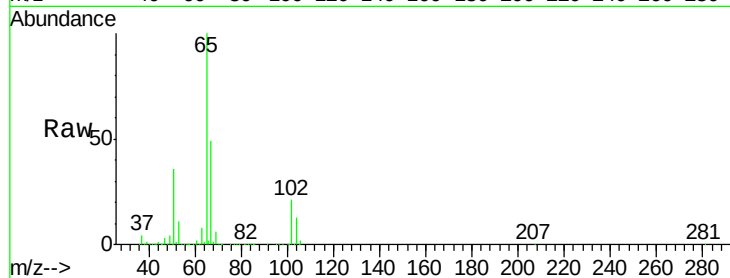




#33
 1,2-Dichloroethane-d4
 Concen: 43.319 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011950.D
 Acq: 31 Aug 2019 14:55

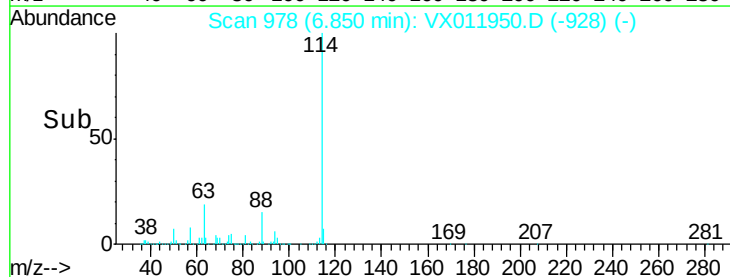
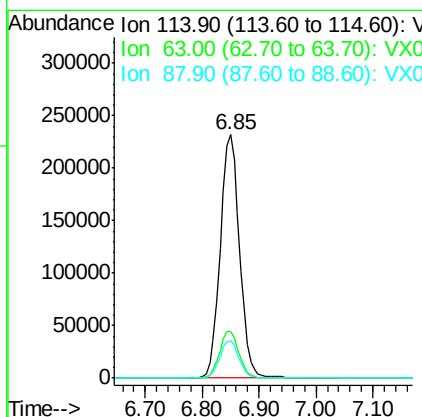
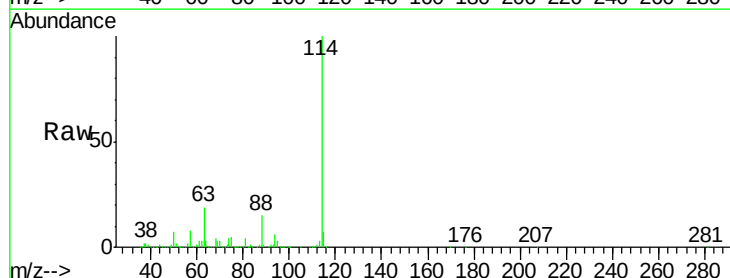
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B3-(2.5)

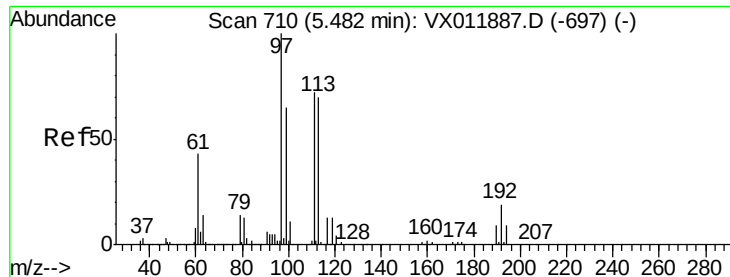
Tot Ion: 65 Resp: 170390
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011950.D
 Acq: 31 Aug 2019 14:55

Tgt Ion: 114 Resp: 545659
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.8
 88 15.3 0.0 31.2

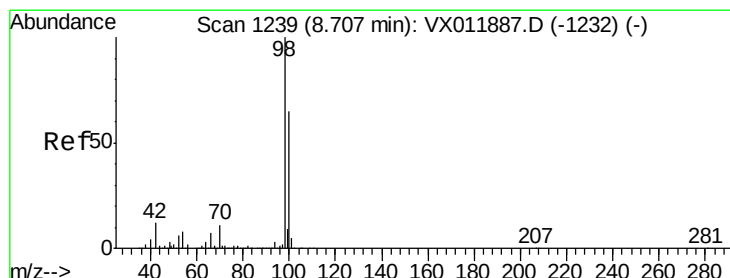
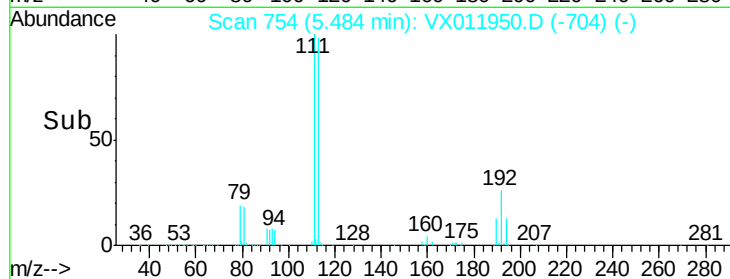
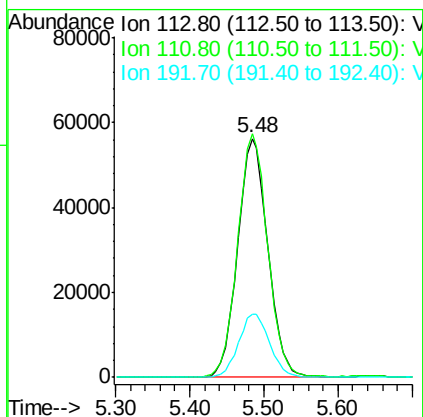
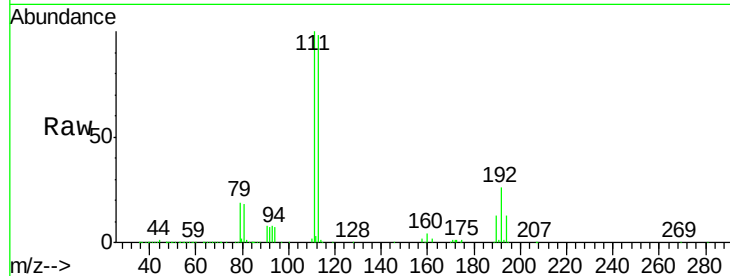




#35
 Dibromofluoromethane
 Concen: 45.769 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011950.D
 Acq: 31 Aug 2019 14:55

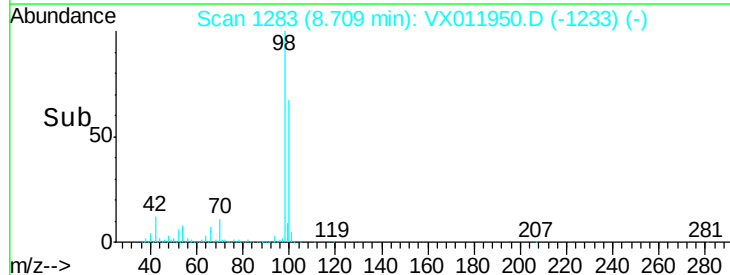
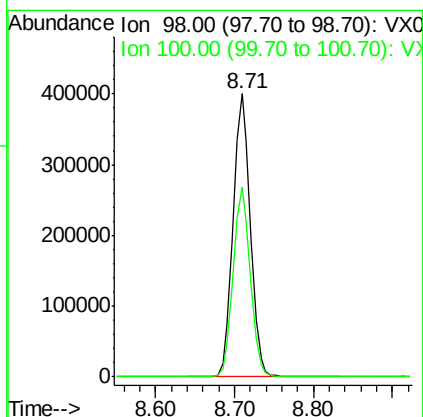
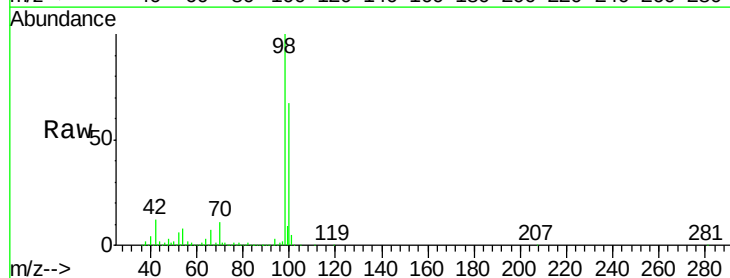
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B3-(2.5)

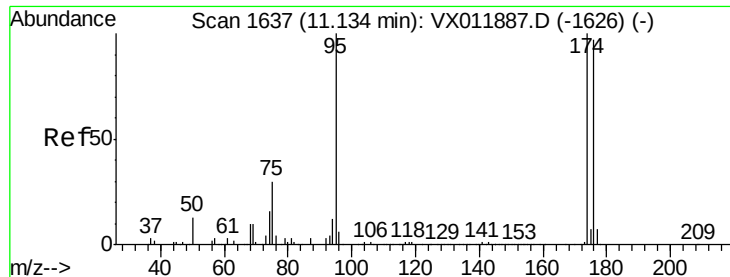
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.1	123.1
192	27.3	21.5	32.3



#50
 Toluene-d8
 Concen: 48.908 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011950.D
 Acq: 31 Aug 2019 14:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 40.372 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011950.D

Acq: 31 Aug 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B3-(2.5)

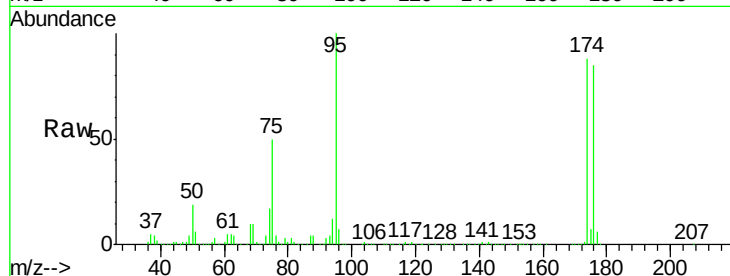
Tot Ion: 95 Resp: 221511

Ion Ratio Lower Upper

95 100

174 98.8 0.0 196.0

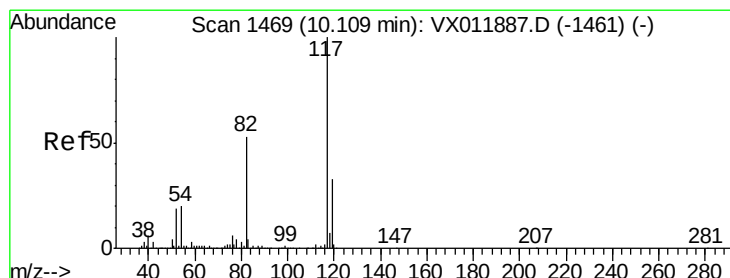
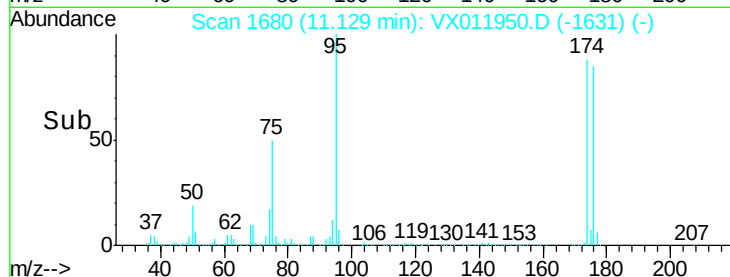
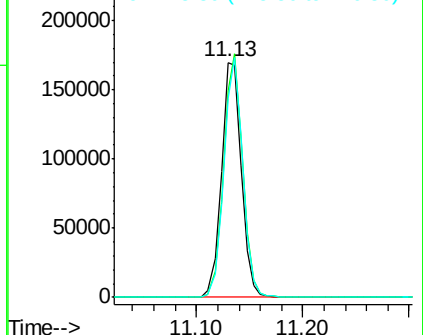
176 96.9 0.0 191.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011950.D

Acq: 31 Aug 2019 14:55

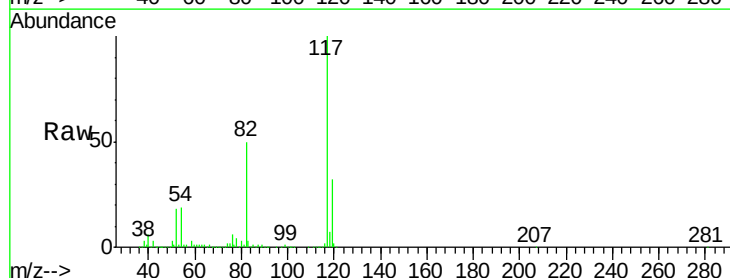
Tgt Ion: 117 Resp: 471831

Ion Ratio Lower Upper

117 100

82 50.5 42.0 63.0

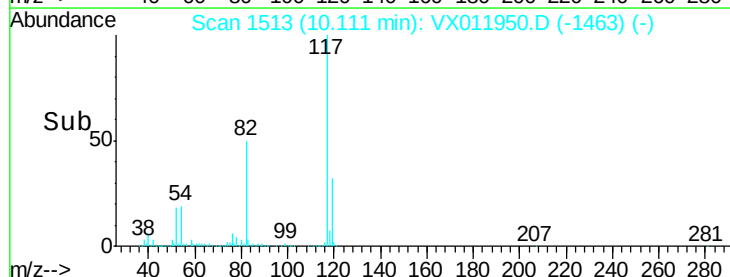
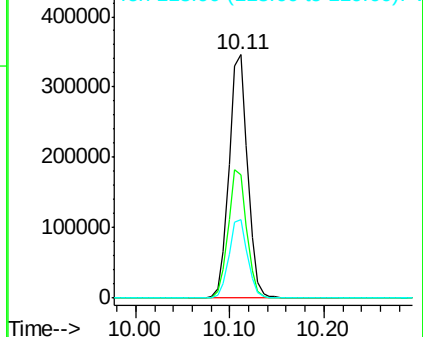
119 32.5 26.2 39.4

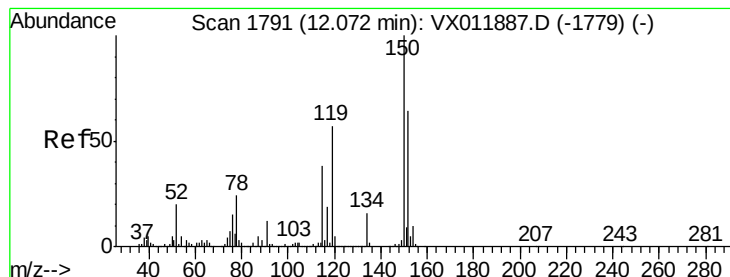


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX011950.D

Acq: 31 Aug 2019 14:55

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B3-(2.5)

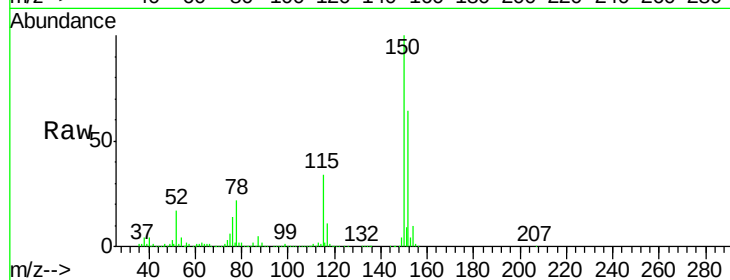
Tot Ion:152 Resp: 239510

Ion Ratio Lower Upper

152 100

115 53.5 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

