

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011710.D
 Acq On : 21 Aug 2019 01:59
 Operator : JC/SP
 Sample : K4387-34
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-A1-(2)

Quant Time: Aug 21 05:41:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

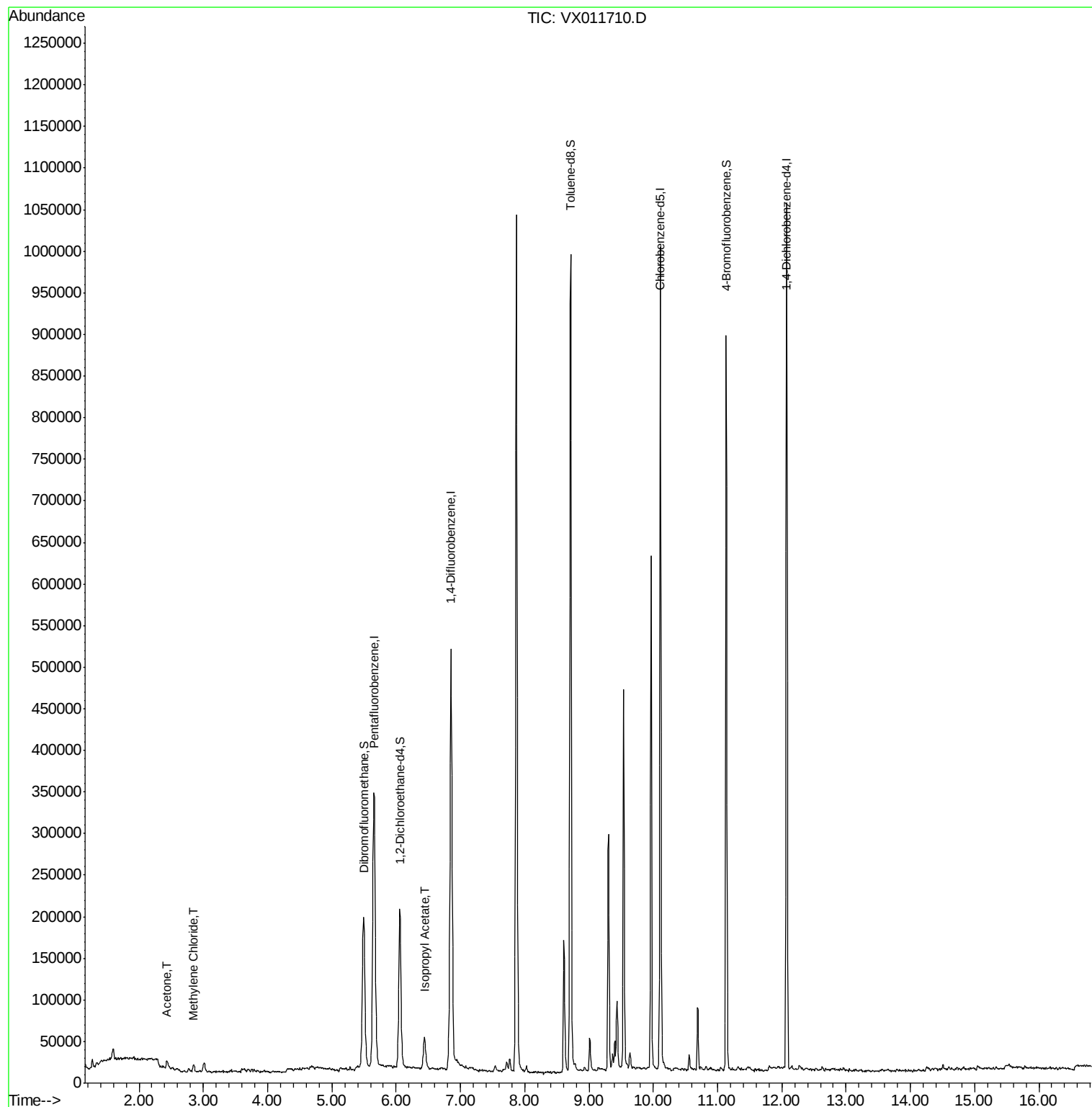
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	339153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	522226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	222647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	185175	58.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.76%	
35) Dibromofluoromethane	5.49	113	150984	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
50) Toluene-d8	8.71	98	617447	58.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.04%	
62) 4-Bromofluorobenzene	11.13	95	215759	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
16) Acetone	2.44	43	9883	6.249	ug/l #	83
20) Methylene Chloride	2.85	84	4308	1.297	ug/l	87
43) Isopropyl Acetate	6.44	43	53269	6.646	ug/l	98

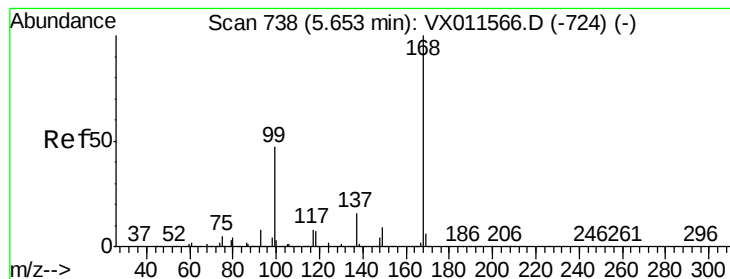
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011710.D

Acq: 21 Aug 2019 01:59

Instrument :

MSVOA_X

ClientSampleId :

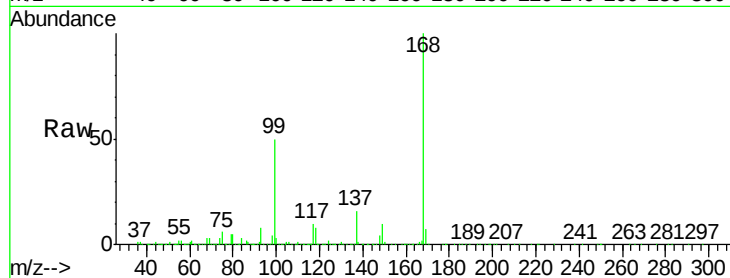
T4-A1-(2)

Tot Ion:168 Resp: 339153

Ion Ratio Lower Upper

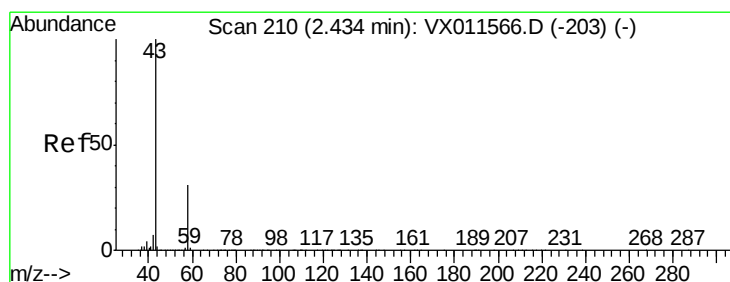
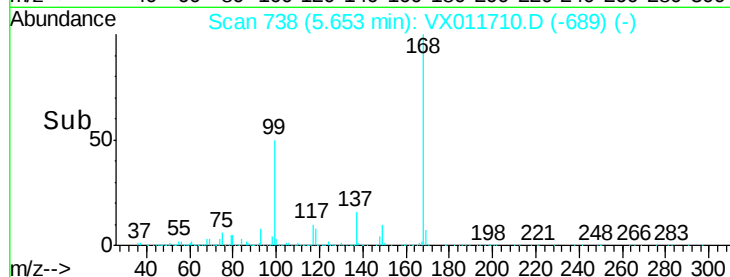
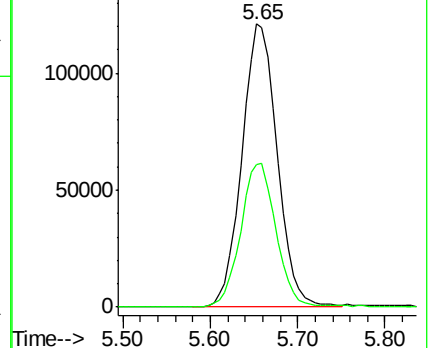
168 100

99 50.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.249 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011710.D

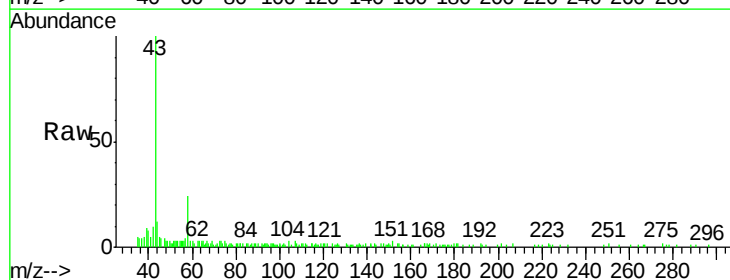
Acq: 21 Aug 2019 01:59

Tgt Ion: 43 Resp: 9883

Ion Ratio Lower Upper

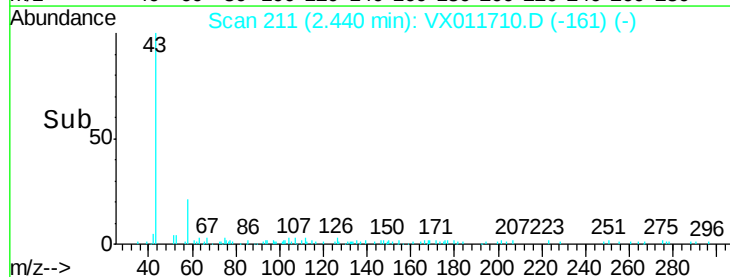
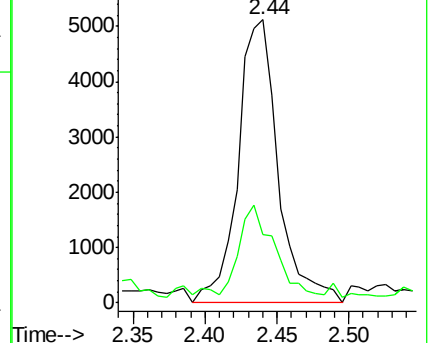
43 100

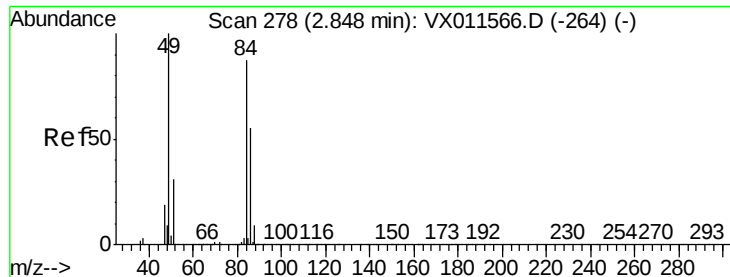
58 22.2 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

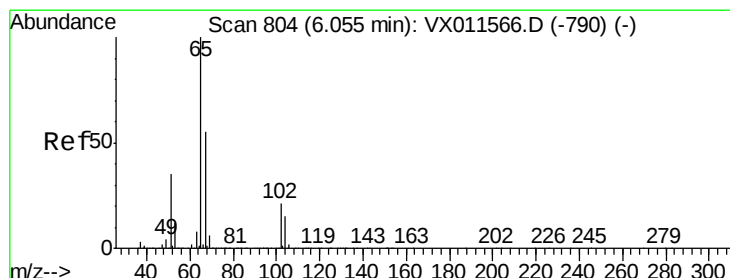
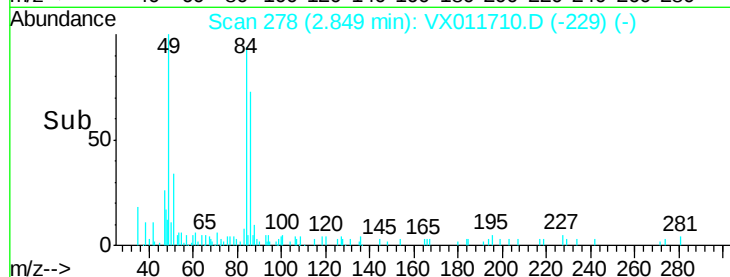
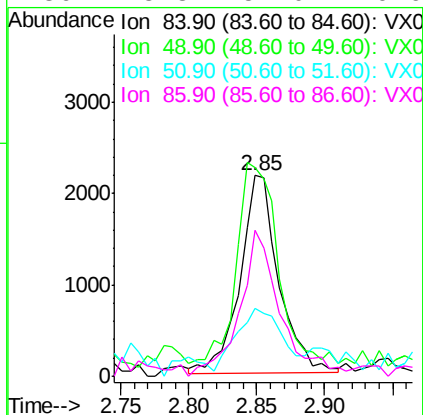
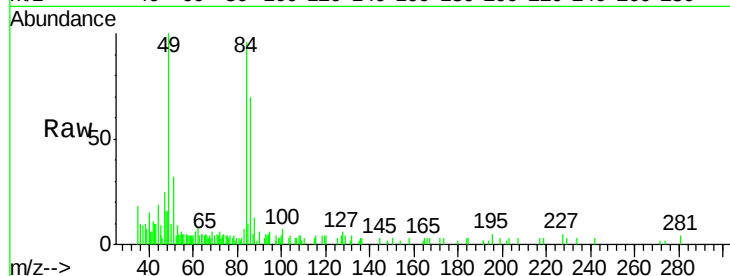




#20
Methvlene Chloride
Concen: 1.297 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011710.D
Acq: 21 Aug 2019 01:59

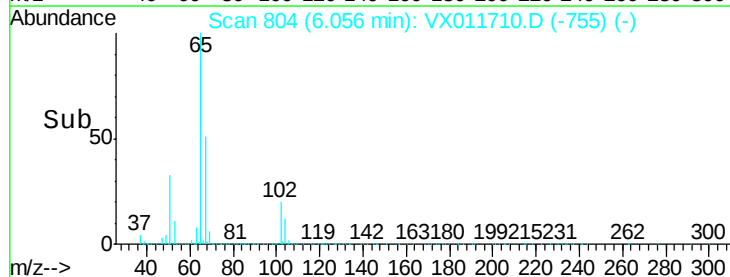
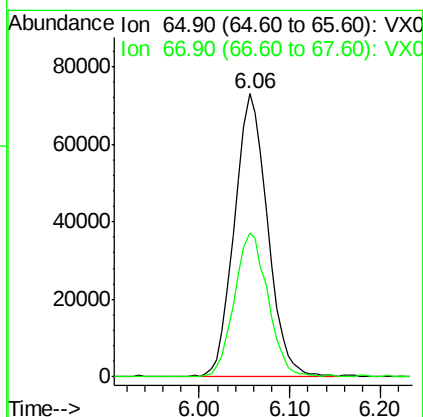
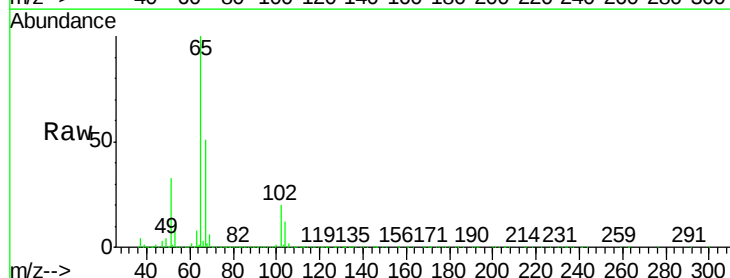
Instrument :
MSVOA_X
ClientSampleId :
T4-A1-(2)

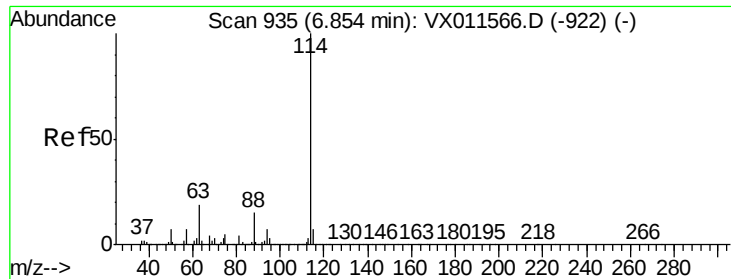
Tot Ion:	84	Resp:	4308
Ion	Ratio	Lower	Upper
84	100		
49	101.8	92.4	138.6
51	28.8	28.5	42.7
86	75.8	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 58.876 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011710.D
Acq: 21 Aug 2019 01:59

Tgt Ion:	65	Resp:	185175
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011710.D

Acq: 21 Aug 2019 01:59

Instrument :

MSVOA_X

ClientSampleId :

T4-A1-(2)

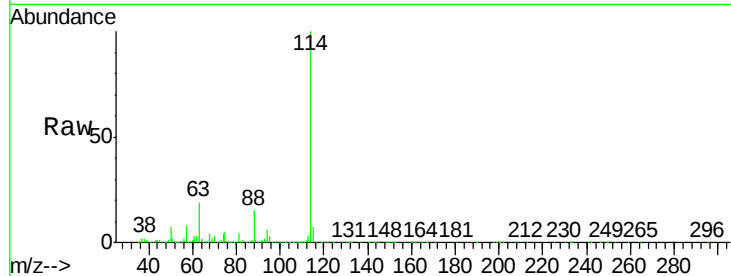
Tot Ion:114 Resp: 522226

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.8

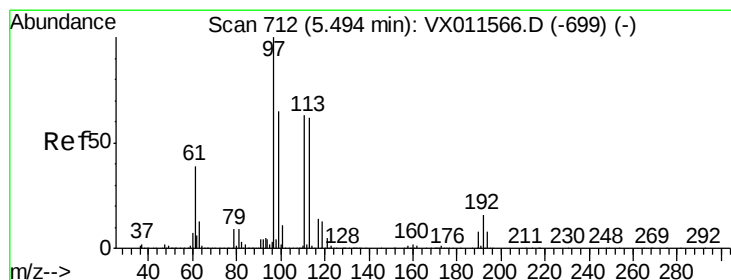
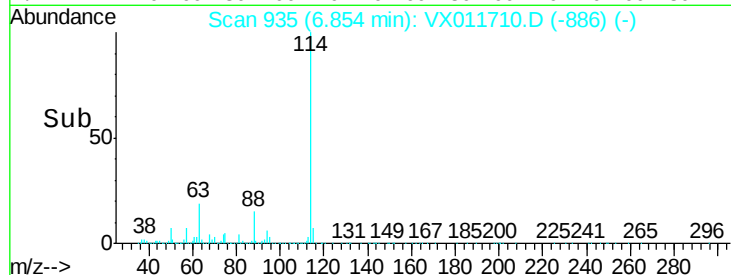
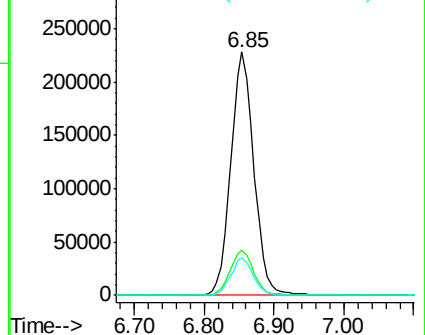
88 15.4 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 44.203 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011710.D

Acq: 21 Aug 2019 01:59

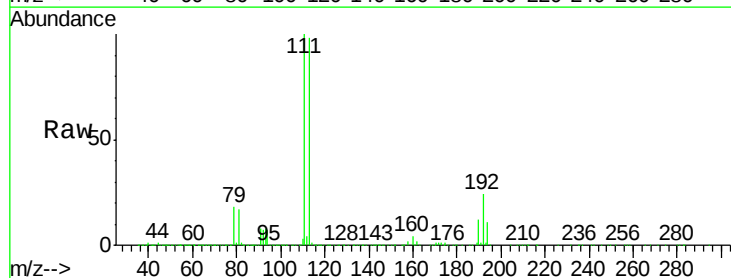
Tgt Ion:113 Resp: 150984

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

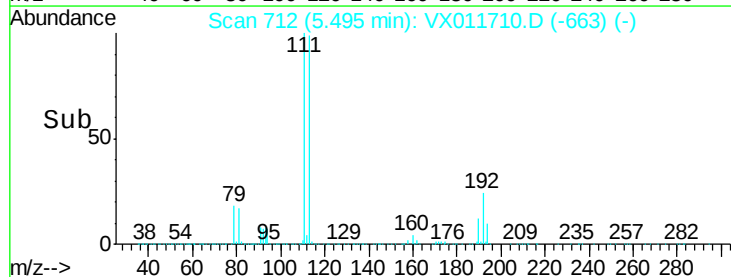
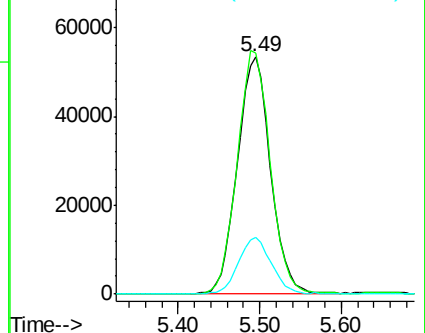
192 23.7 20.8 31.2

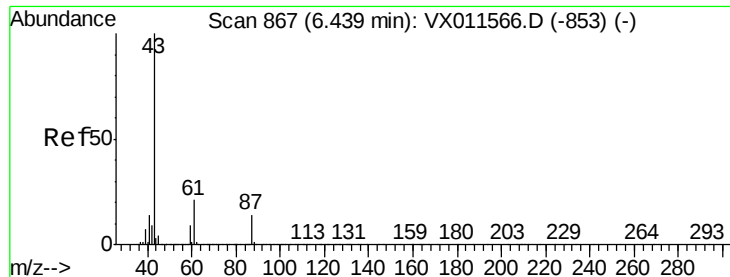


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.646 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011710.D

Acq: 21 Aug 2019 01:59

Instrument :

MSVOA_X

ClientSampled :

T4-A1-(2)

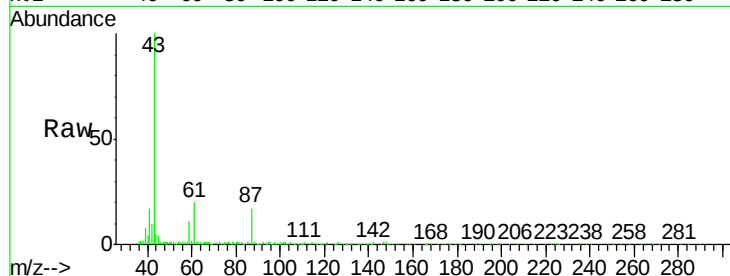
Tot Ion: 43 Resp: 53269

Ion Ratio Lower Upper

43 100

61 21.2 16.6 24.8

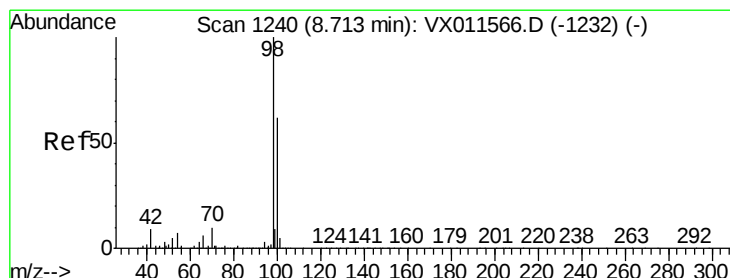
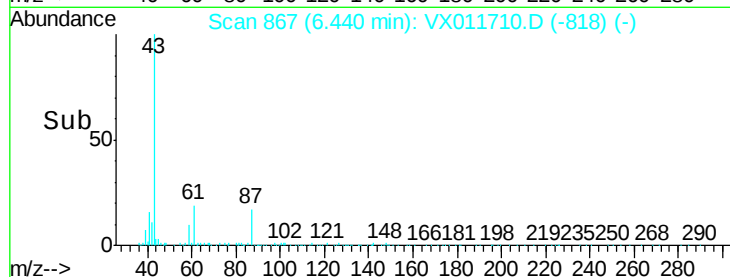
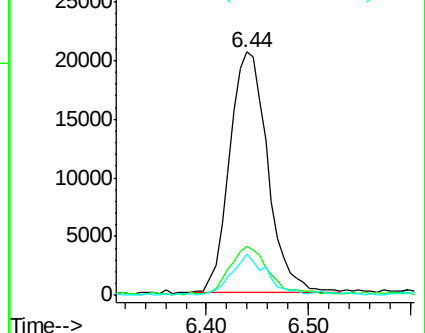
87 15.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 58.015 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011710.D

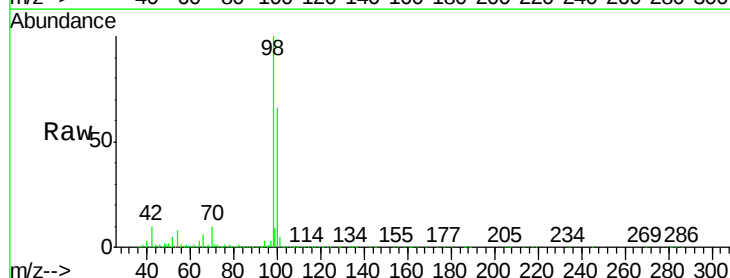
Acq: 21 Aug 2019 01:59

Tgt Ion: 98 Resp: 617447

Ion Ratio Lower Upper

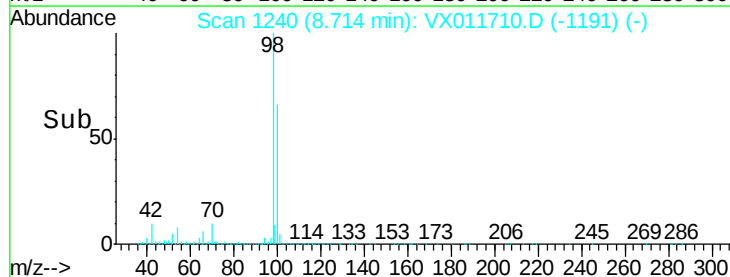
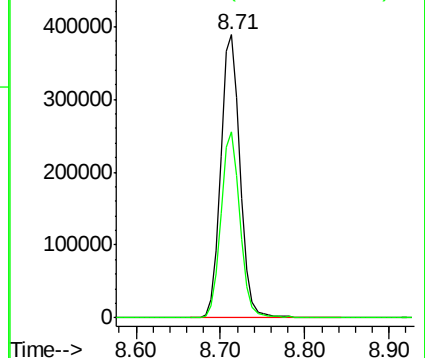
98 100

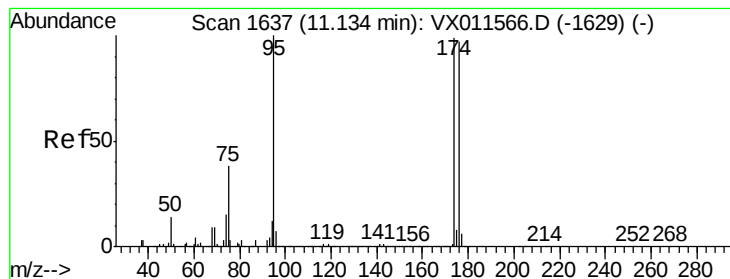
100 64.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.030 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011710.D

Acq: 21 Aug 2019 01:59

Instrument :

MSVOA_X

ClientSampleId :

T4-A1-(2)

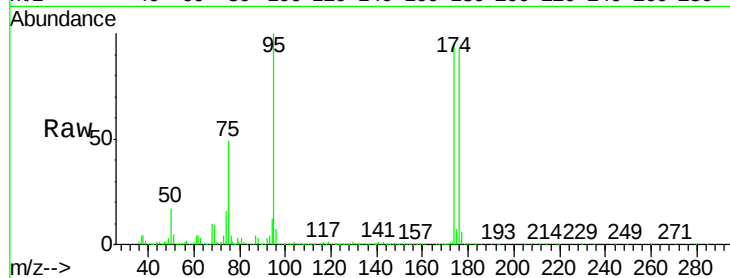
Tot Ion: 95 Resp: 215759

Ion Ratio Lower Upper

95 100

174 96.3 0.0 200.6

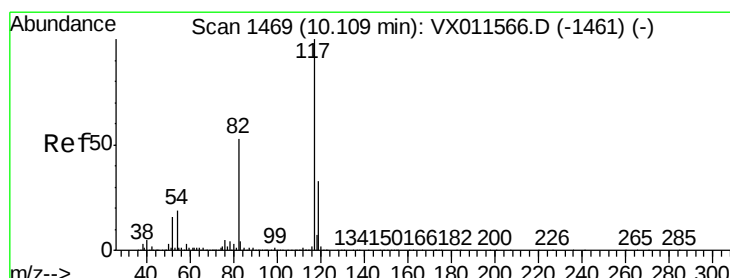
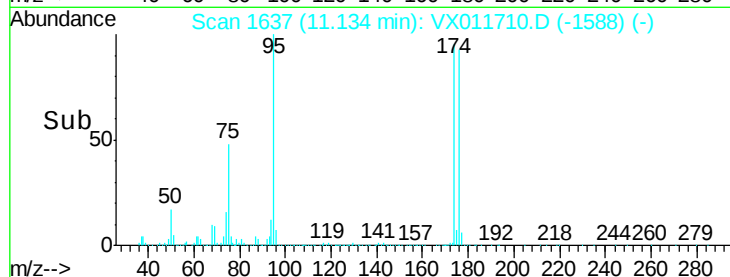
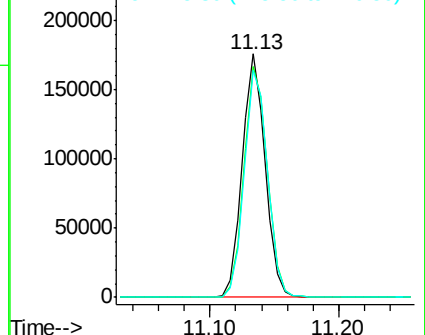
176 94.2 0.0 196.6



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# 1469

Delta R.T. 0.00 min

Lab File: VX011710.D

Acq: 21 Aug 2019 01:59

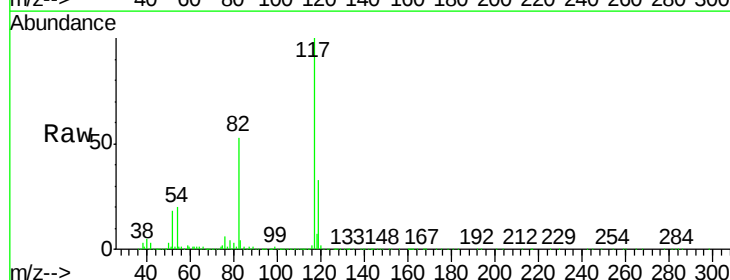
Tgt Ion: 117 Resp: 457527

Ion Ratio Lower Upper

117 100

82 52.7 42.0 63.0

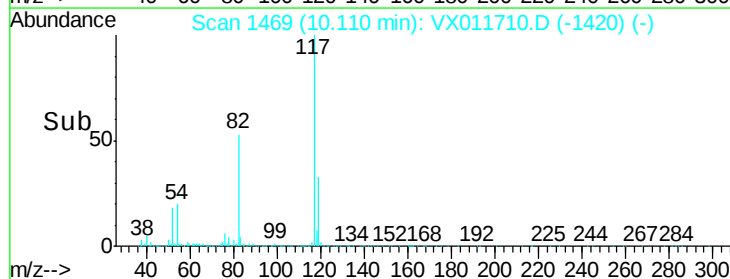
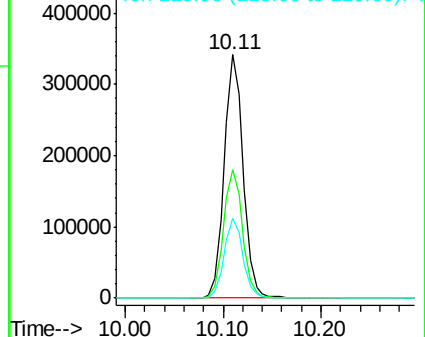
119 32.9 26.5 39.7

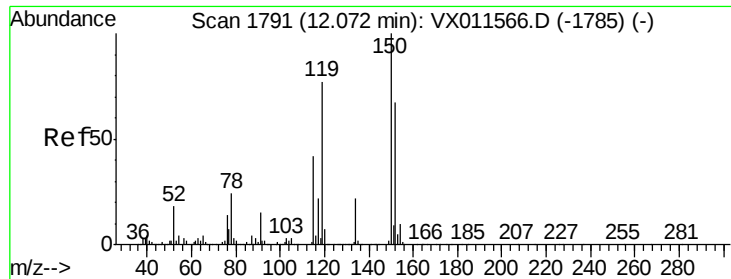


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1791

Delta R.T. 0.00 min

Lab File: VX011710.D

Acq: 21 Aug 2019 01:59

Instrument :

MSVOA_X

ClientSampleId :

T4-A1-(2)

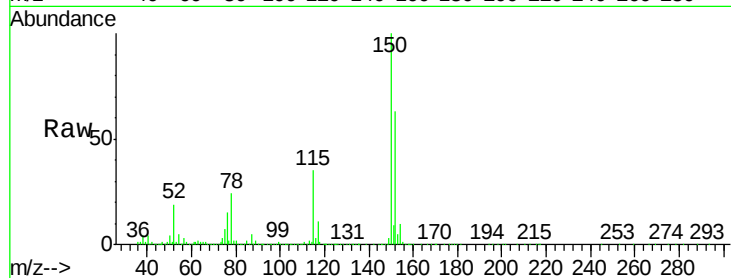
Tot Ion:152 Resp: 222647

Ion Ratio Lower Upper

152 100

115 54.7 37.3 111.9

150 157.3 0.0 346.2



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

