

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011437.D
 Acq On : 11 Aug 2019 17:25
 Operator : JC/SP
 Sample : K4228-36
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-I4-(0)

Quant Time: Aug 12 09:06:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

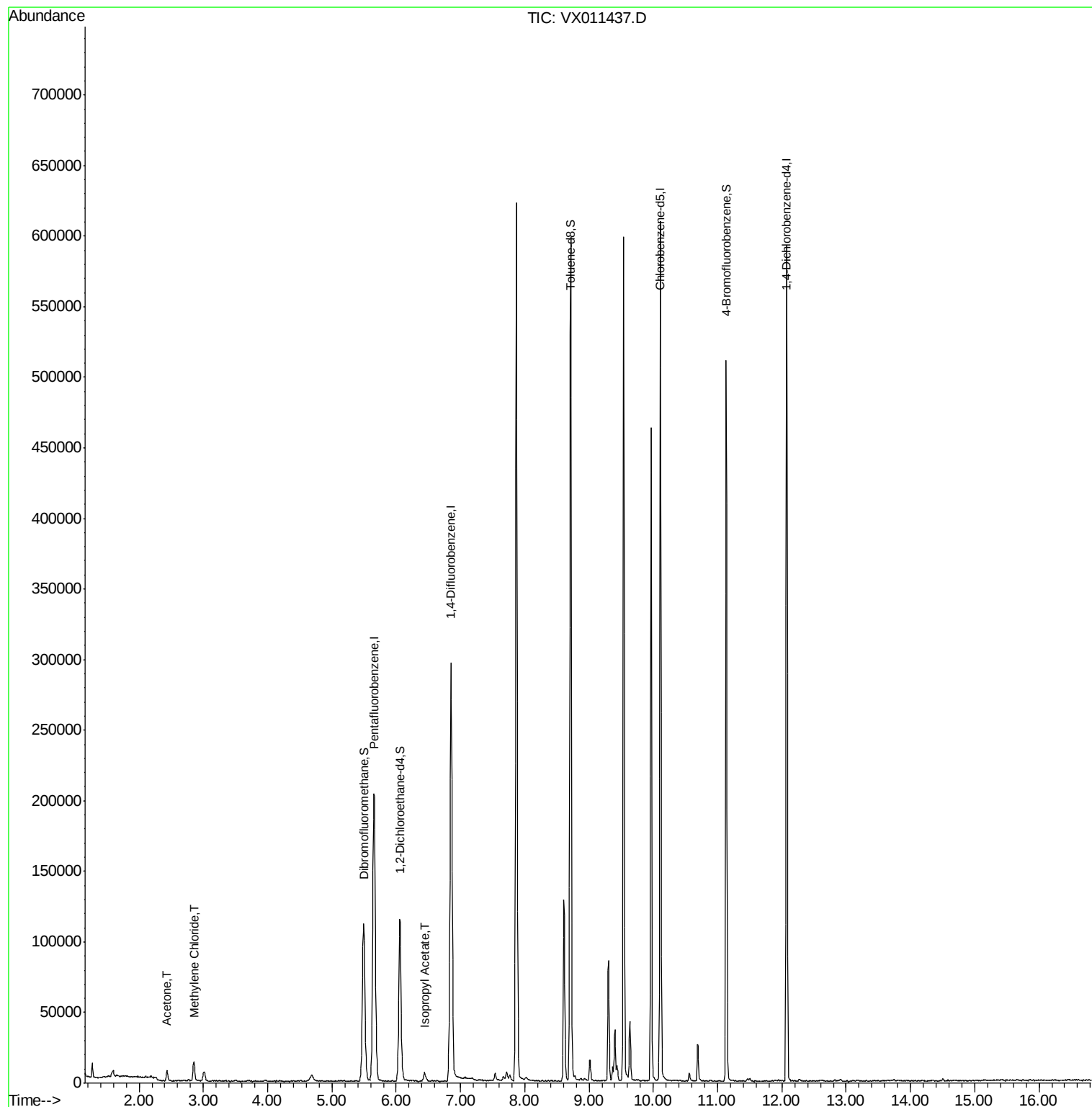
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	202136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108331	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	5.49	113	91825	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	8.71	98	357385	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.13	95	119377	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
Target Compounds						
16) Acetone	2.43	43	7414	7.652	ug/l	100
20) Methylene Chloride	2.85	84	6508	3.067	ug/l	94
43) Isopropyl Acetate	6.45	43	8305	1.964	ug/l	98

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011437.D

Acq: 11 Aug 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

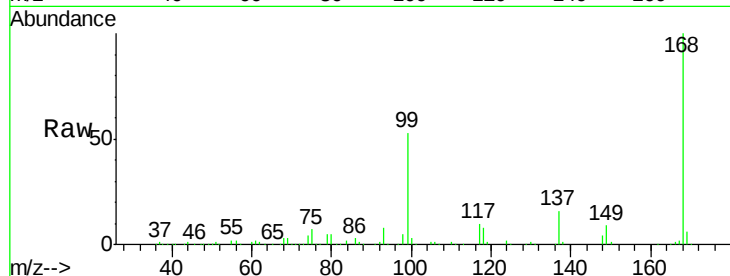
2S-I4-(0)

Tot Ion:168 Resp: 202136

Ion Ratio Lower Upper

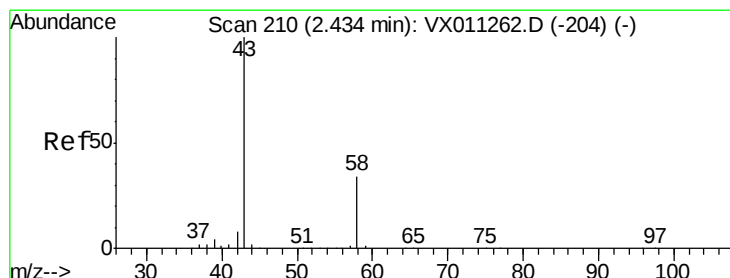
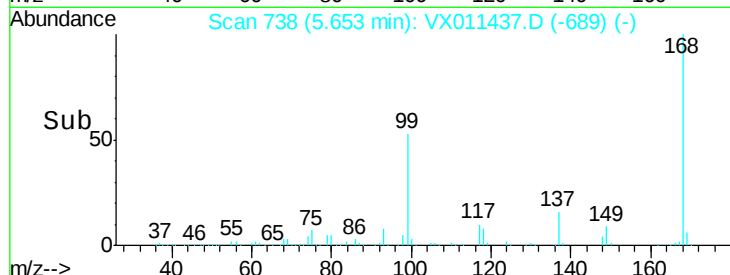
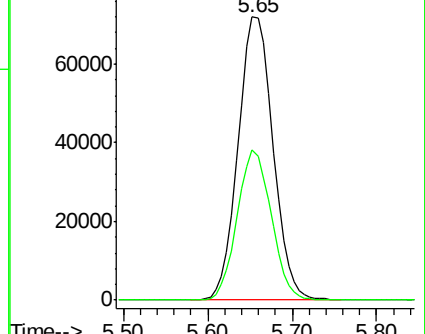
168 100

99 53.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.652 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011437.D

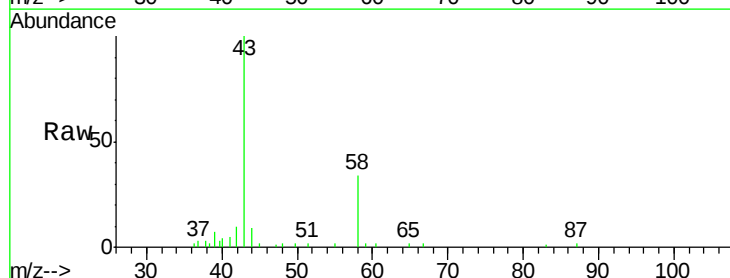
Acq: 11 Aug 2019 17:25

Tgt Ion: 43 Resp: 7414

Ion Ratio Lower Upper

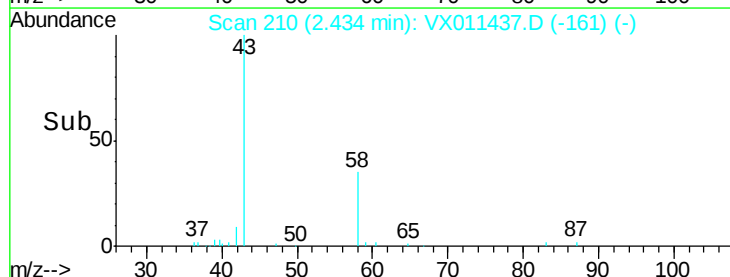
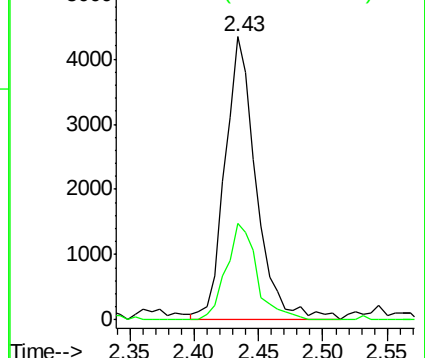
43 100

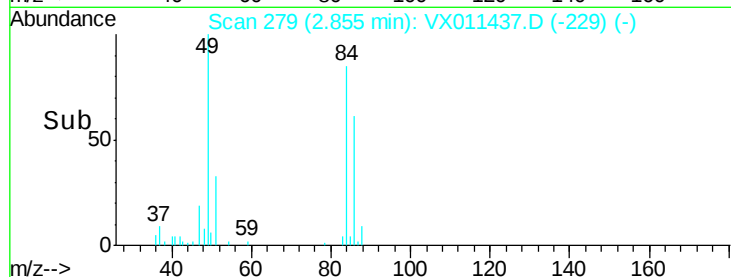
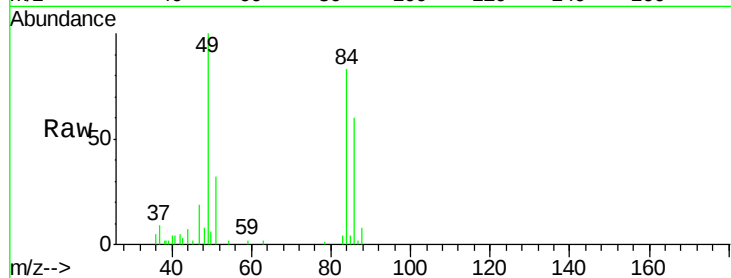
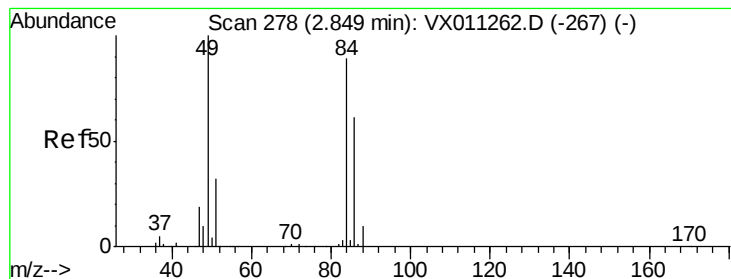
58 34.2 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 3.067 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011437.D

Acq: 11 Aug 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

2S-I4-(0)

Tot Ion: 84 Resp: 6508

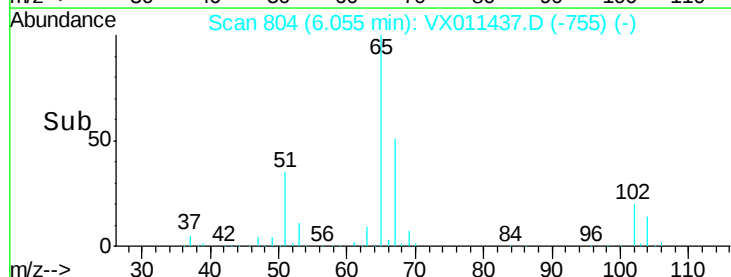
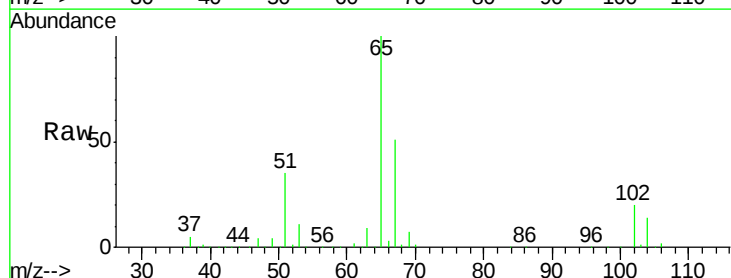
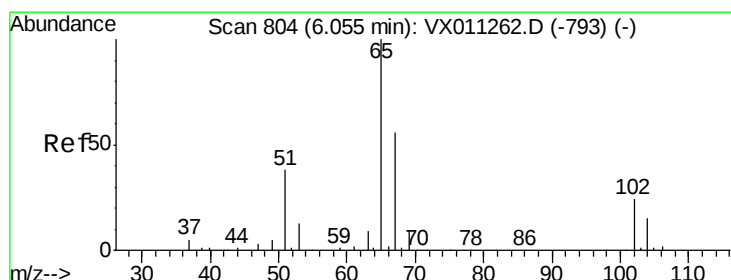
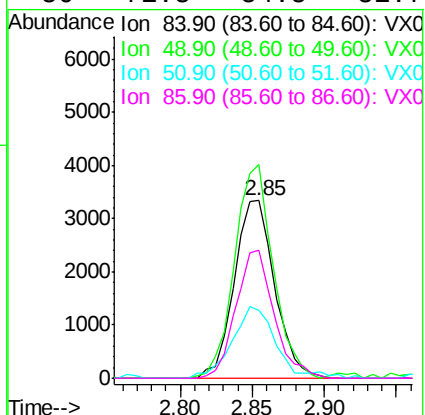
Ion Ratio Lower Upper

84 100

49 120.1 89.3 133.9

51 38.5 28.3 42.5

86 71.8 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 53.218 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011437.D

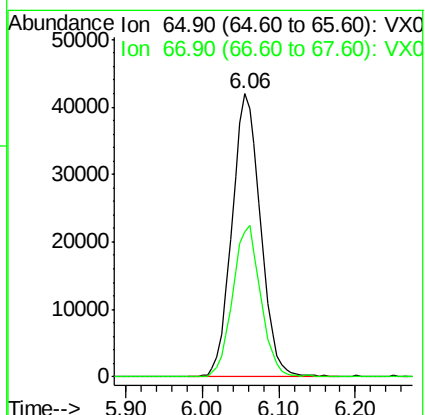
Acq: 11 Aug 2019 17:25

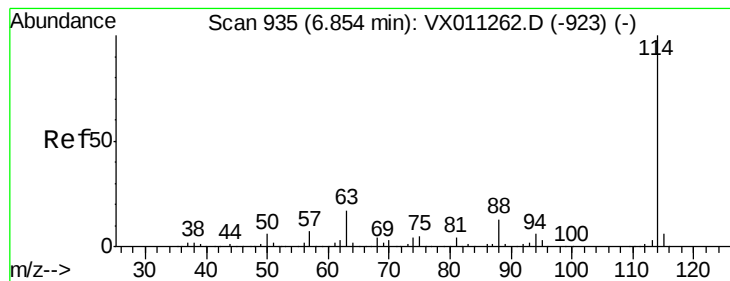
Tgt Ion: 65 Resp: 108331

Ion Ratio Lower Upper

65 100

67 52.7 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011437.D

Acq: 11 Aug 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

2S-I4-(0)

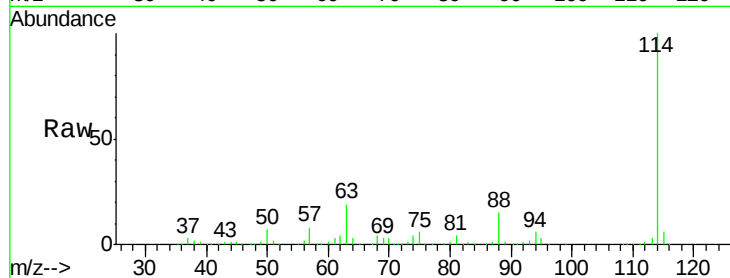
Tot Ion:114 Resp: 301941

Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.0

88 14.8 0.0 26.4



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

6.85

150000

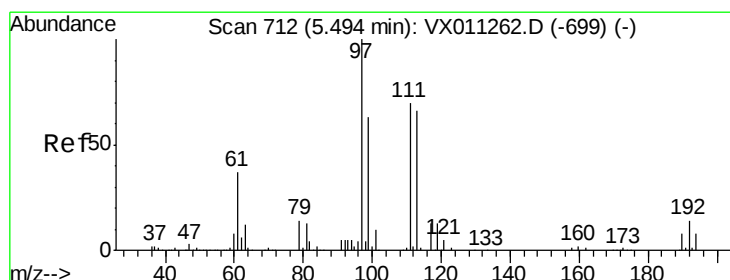
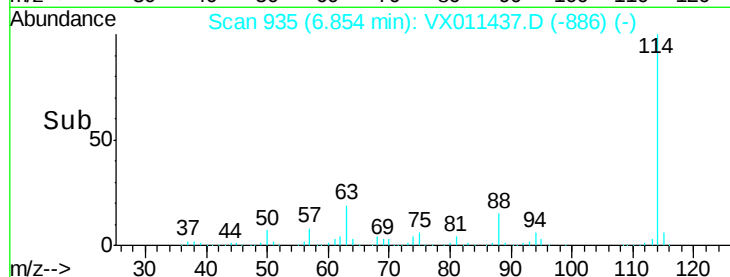
100000

50000

0

Time-->

6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 46.581 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011437.D

Acq: 11 Aug 2019 17:25

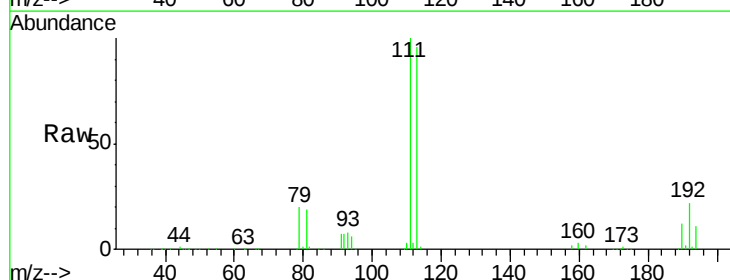
Tgt Ion:113 Resp: 91825

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 21.6 17.8 26.8



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

5.49

40000

30000

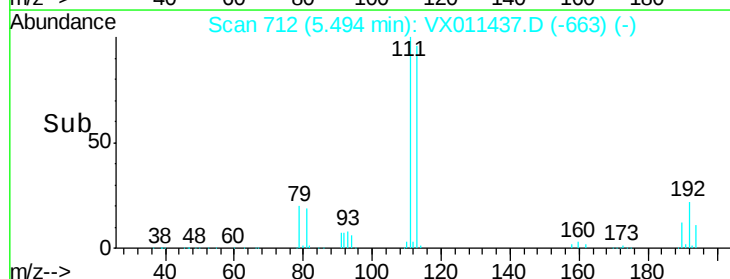
20000

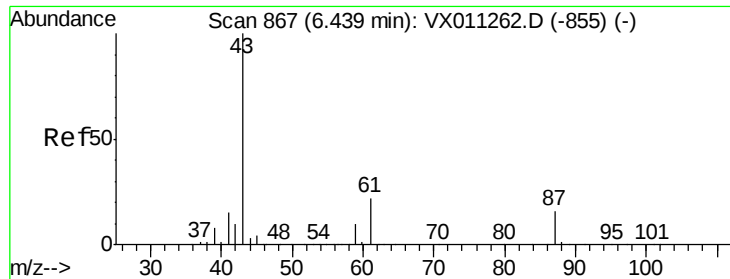
10000

0

Time-->

5.40 5.50 5.60





#43

Isopropyl Acetate

Concen: 1.964 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011437.D

Acq: 11 Aug 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

2S-I4-(0)

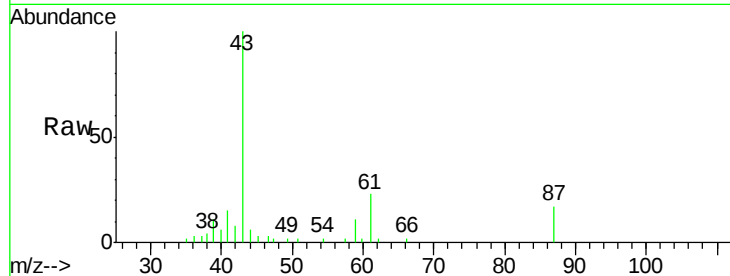
Tot Ion: 43 Resp: 8305

Ion Ratio Lower Upper

43 100

61 19.4 16.5 24.7

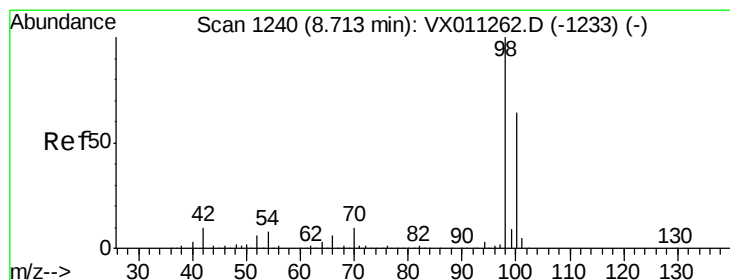
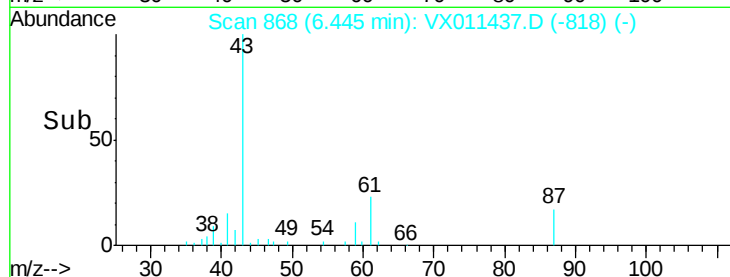
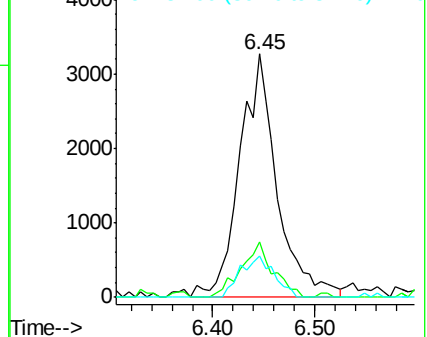
87 15.2 12.1 18.1



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: 48.029 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011437.D

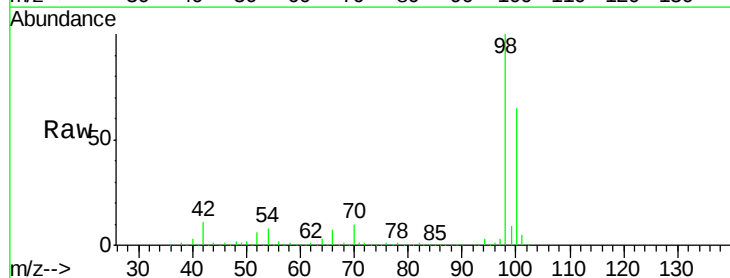
Acq: 11 Aug 2019 17:25

Tgt Ion: 98 Resp: 357385

Ion Ratio Lower Upper

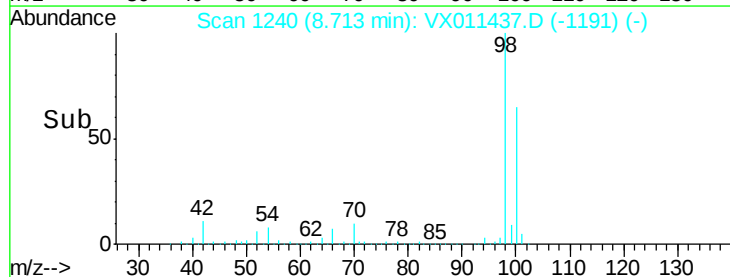
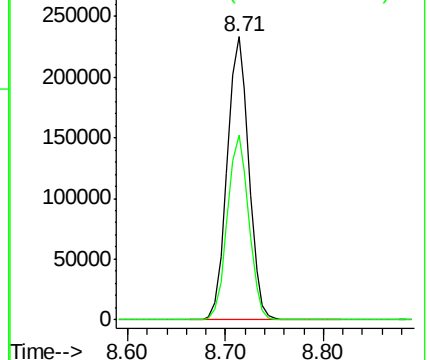
98 100

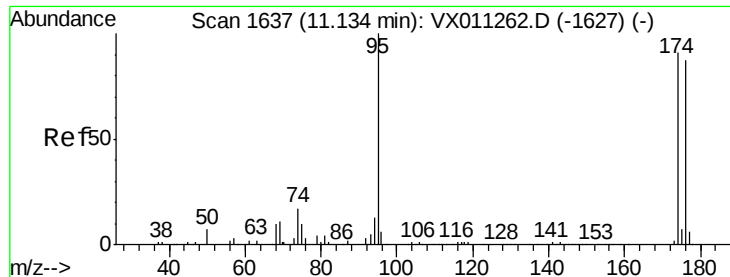
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

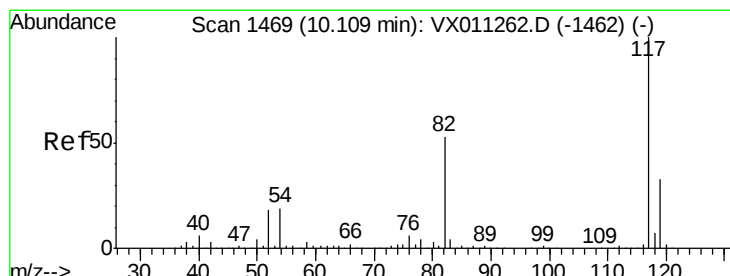
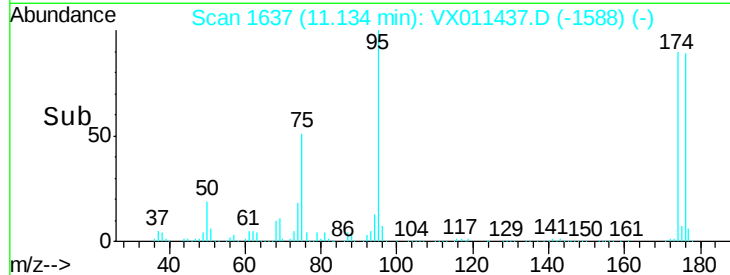
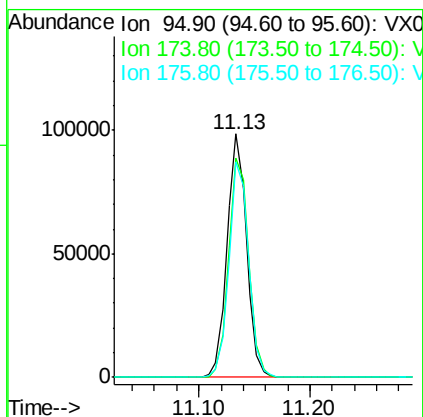
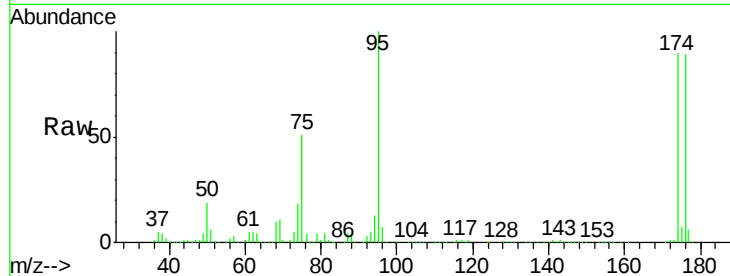




#62
4-Bromofluorobenzene
Concen: 44.935 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

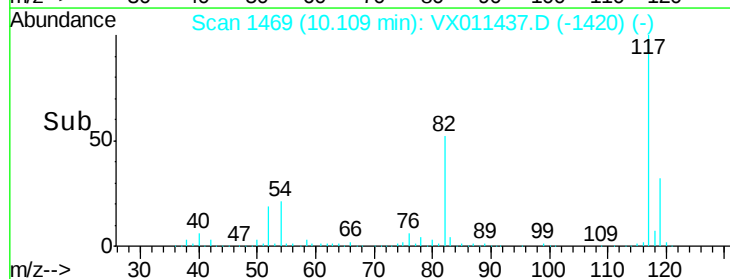
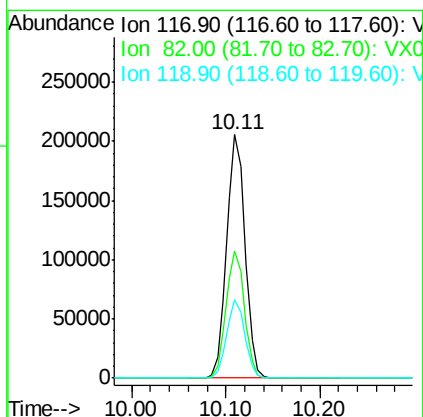
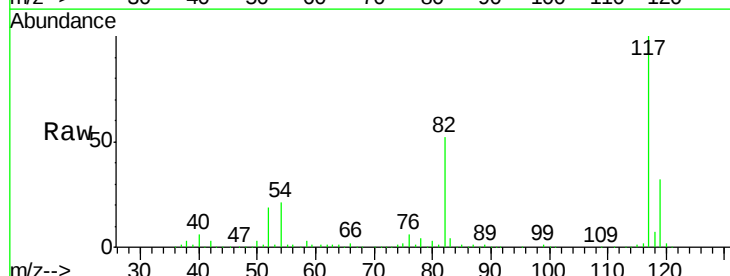
Instrument :
MSVOA_X
ClientSampleId :
2S-14-(0)

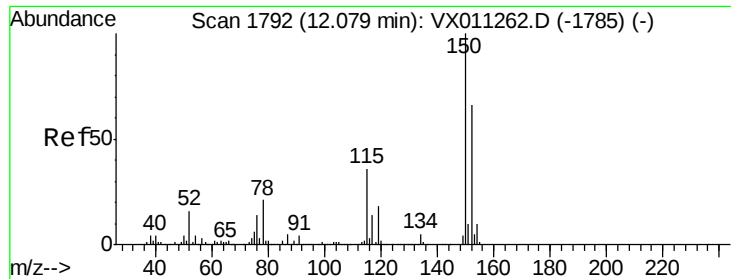
Tot Ion: 95 Resp: 119377
Ion Ratio Lower Upper
95 100
174 93.0 0.0 191.2
176 89.5 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011437.D
Acq: 11 Aug 2019 17:25

Tgt Ion: 117 Resp: 279097
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 32.1 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011437.D

Acq: 11 Aug 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

2S-I4-(0)

Tot Ion:152 Resp: 125685

Ion Ratio Lower Upper

152 100

115 55.5 40.0 119.9

150 155.6 0.0 350.4

