

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006098.D
 Acq On : 19 Nov 2018 18:20
 Operator : JC/MD
 Sample : J5989-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ES-RO-343

Quant Time: Nov 20 00:53:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	152014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	217481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	177891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87351	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	84022	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
35) Dibromofluoromethane	5.50	113	69176	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
50) Toluene-d8	8.71	98	235233	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.14	95	81431	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	

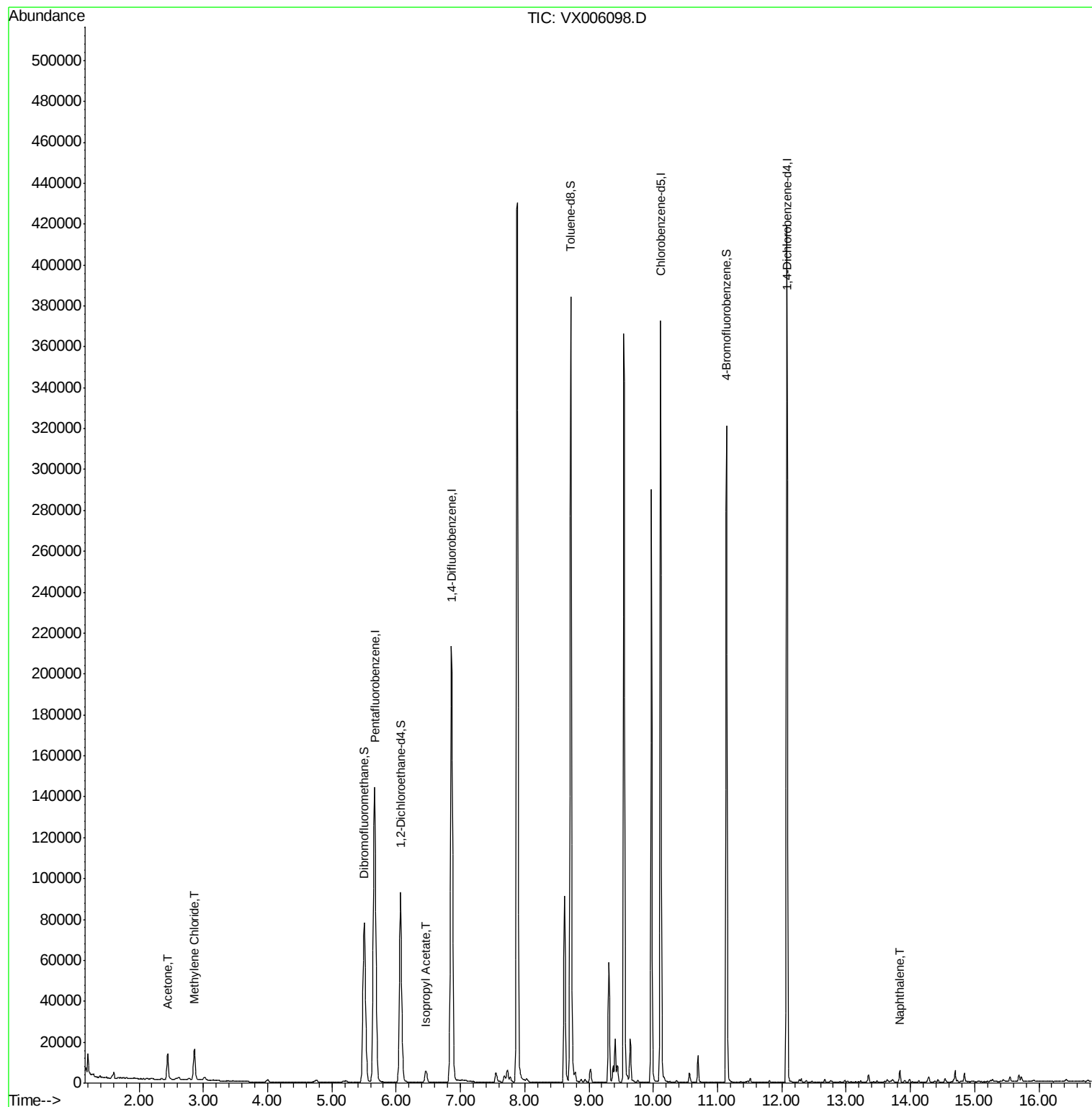
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13455	14.30	ug/l	97
20) Methylene Chloride	2.86	84	6701	4.34	ug/l	94
43) Isopropyl Acetate	6.46	43	7574	1.90	ug/l	97
95) Naphthalene	13.83	128	3864	1.78	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
Data File : VX006098.D
Acq On : 19 Nov 2018 18:20
Operator : JC/MD
Sample : J5989-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ES-RO-343

Quant Time: Nov 20 00:53:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006098.D

Acq: 19 Nov 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

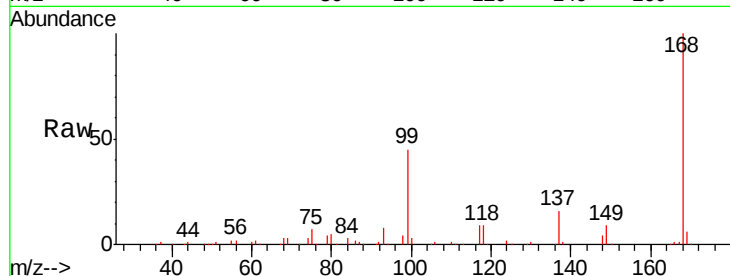
ES-RO-343

Tgt Ion:168 Resp: 152014

Ion Ratio Lower Upper

168 100

99 44.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

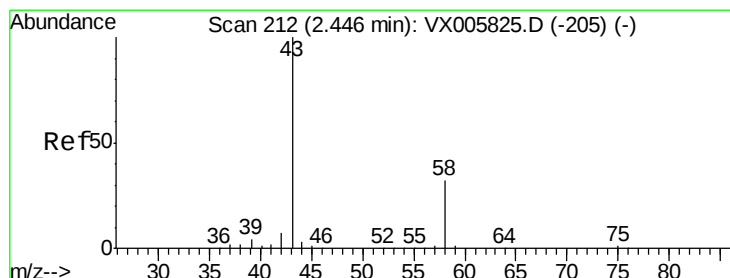
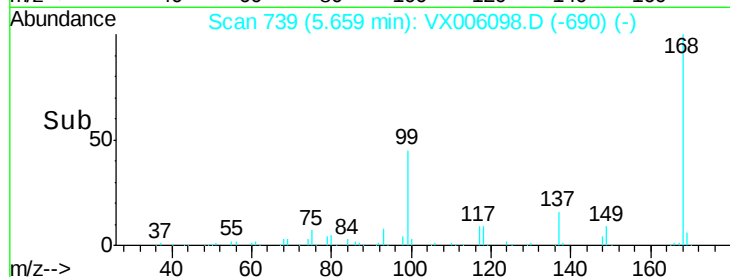
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.30 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006098.D

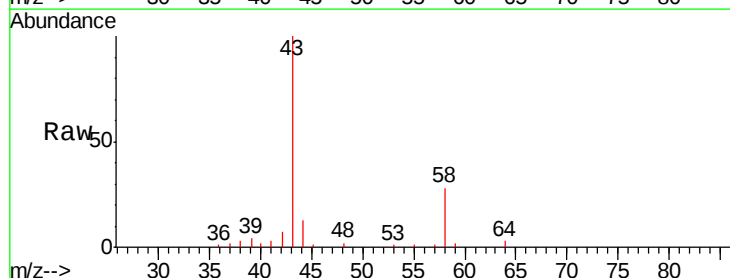
Acq: 19 Nov 2018 18:20

Tgt Ion: 43 Resp: 13455

Ion Ratio Lower Upper

43 100

58 27.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

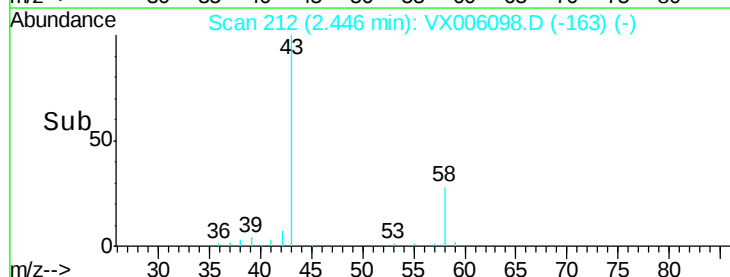
6000

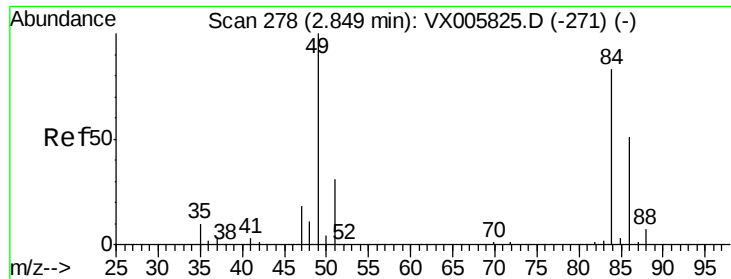
4000

2000

0

Time--> 2.40 2.50

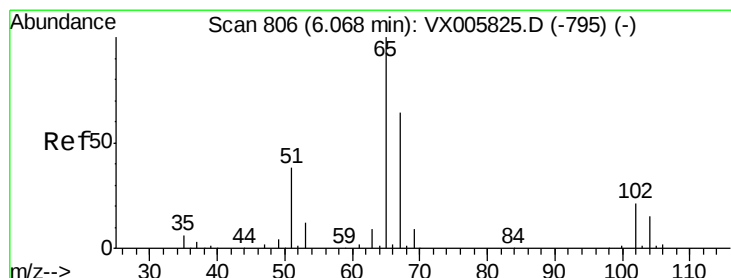
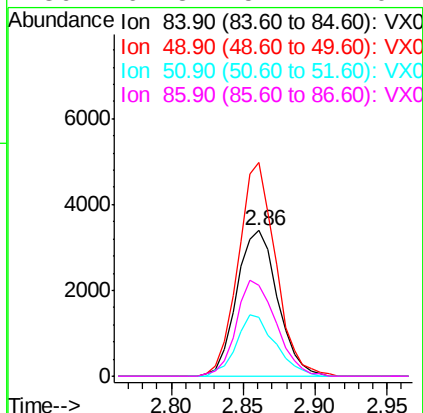
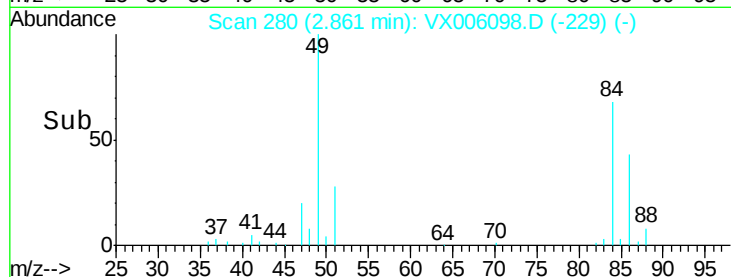
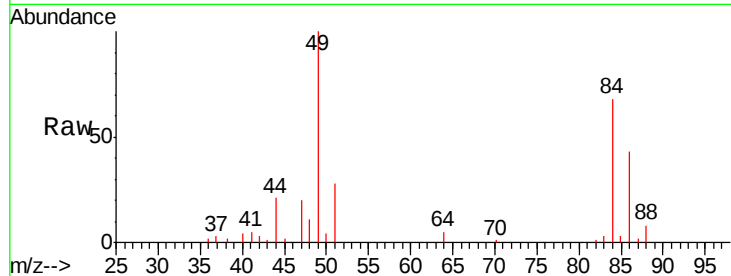




#20
Methylene Chloride
Concen: 4.34 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006098.D
Acq: 19 Nov 2018 18:20

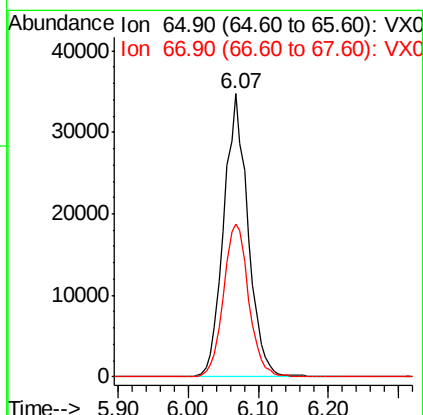
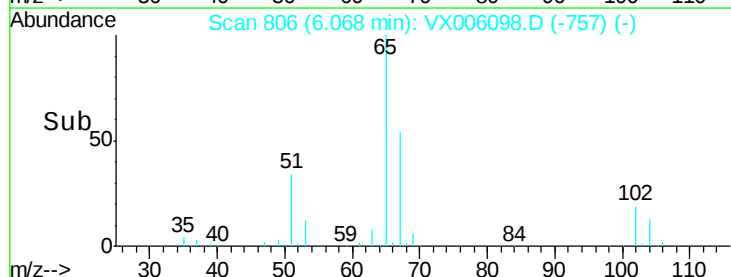
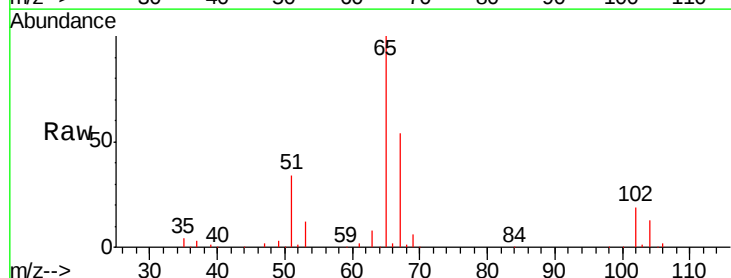
Instrument :
MSVOA_X
ClientSampleId :
ES-RO-343

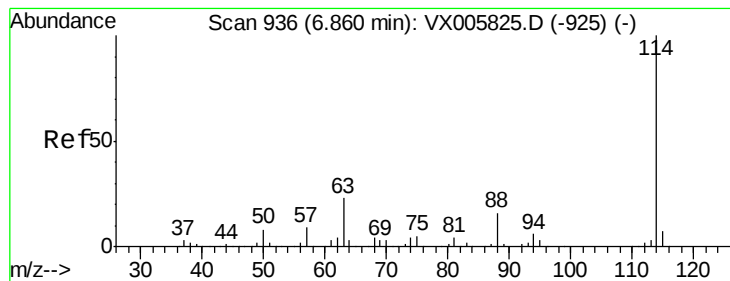
Tgt Ion: 84 Resp: 6701
Ion Ratio Lower Upper
84 100
49 146.8 109.5 164.3
51 40.8 33.3 49.9
86 62.8 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 48.08 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006098.D
Acq: 19 Nov 2018 18:20

Tgt Ion: 65 Resp: 84022
Ion Ratio Lower Upper
65 100
67 56.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006098.D

Acq: 19 Nov 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

ES-RO-343

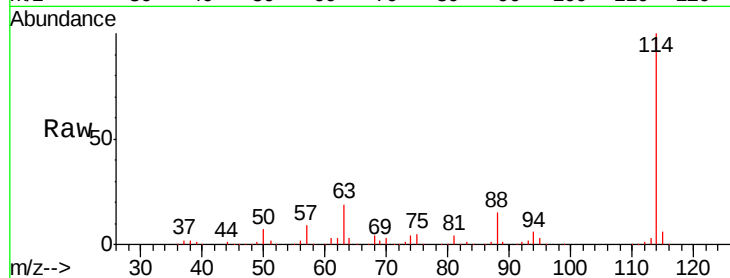
Tgt Ion:114 Resp: 217481

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.8

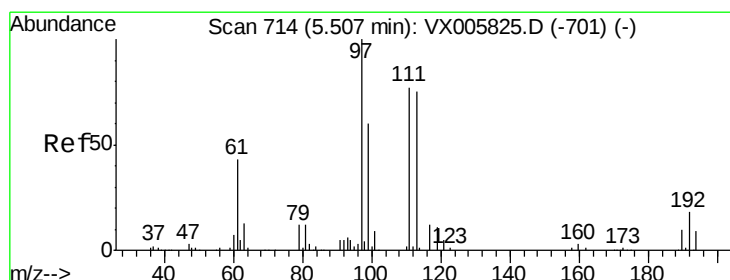
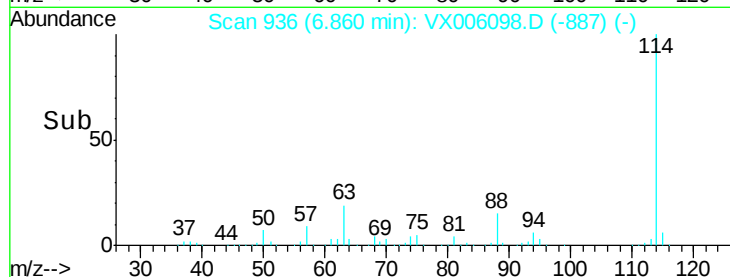
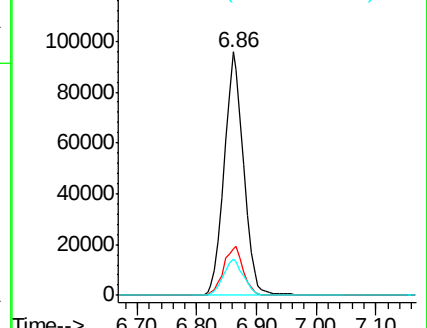
88 14.7 0.0 31.2



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: 46.77 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006098.D

Acq: 19 Nov 2018 18:20

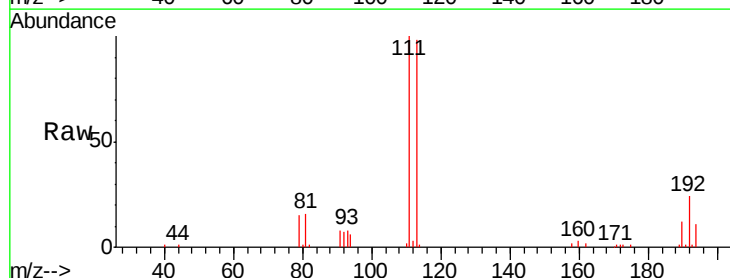
Tgt Ion:113 Resp: 69176

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

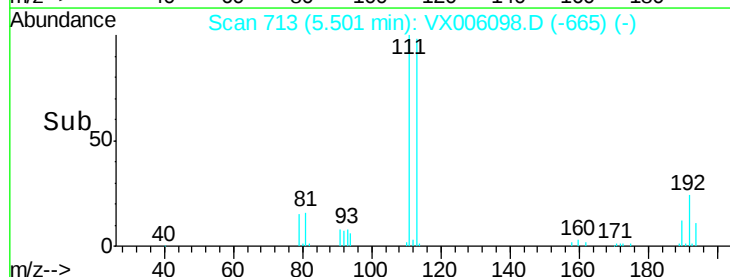
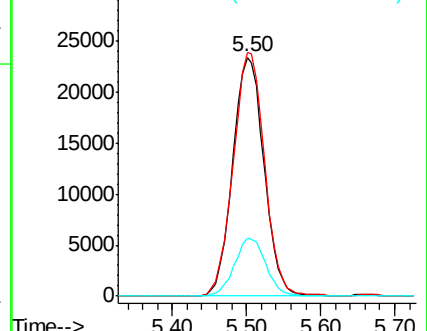
192 24.0 17.9 26.9

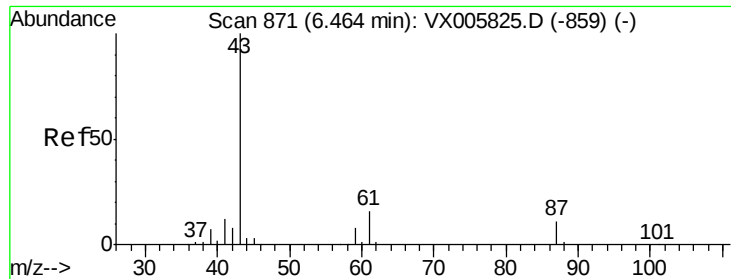


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.90 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006098.D

Acq: 19 Nov 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

ES-RO-343

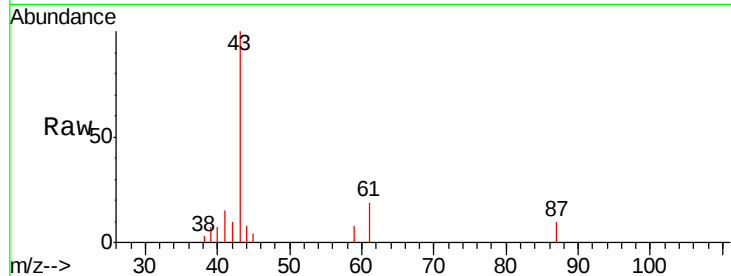
Tgt Ion: 43 Resp: 7574

Ion Ratio Lower Upper

43 100

61 20.2 14.6 22.0

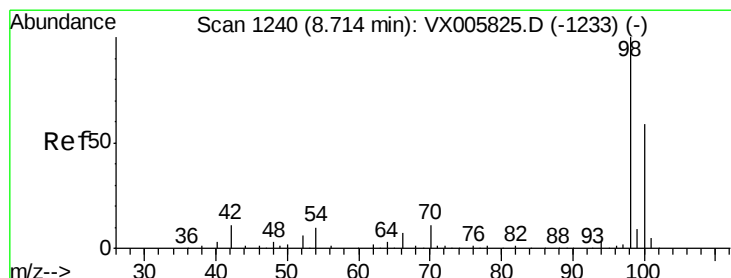
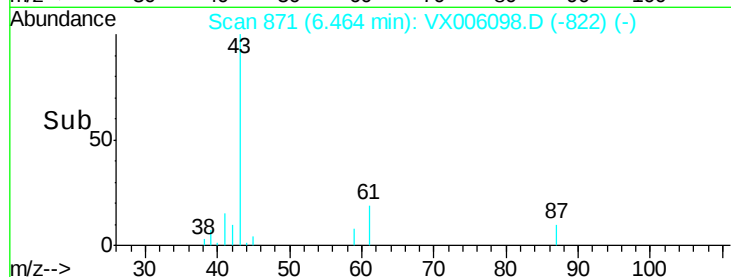
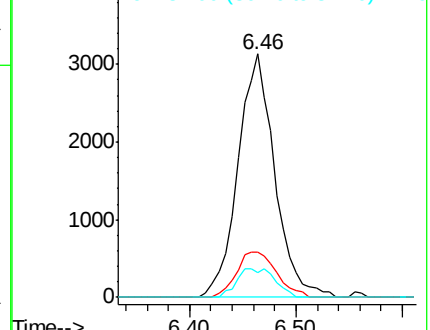
87 12.3 9.6 14.4



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: 47.83 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006098.D

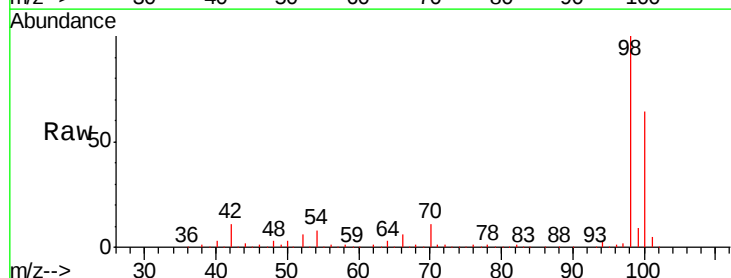
Acq: 19 Nov 2018 18:20

Tgt Ion: 98 Resp: 235233

Ion Ratio Lower Upper

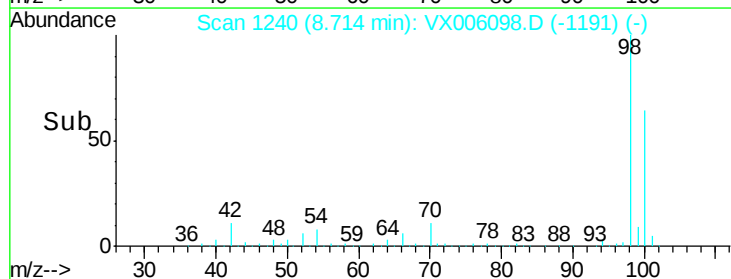
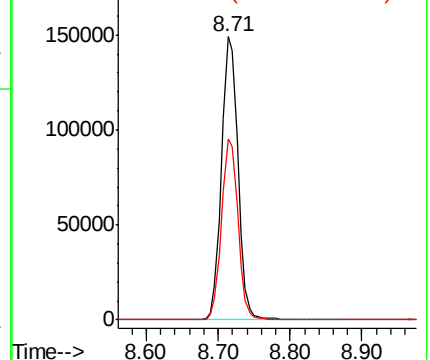
98 100

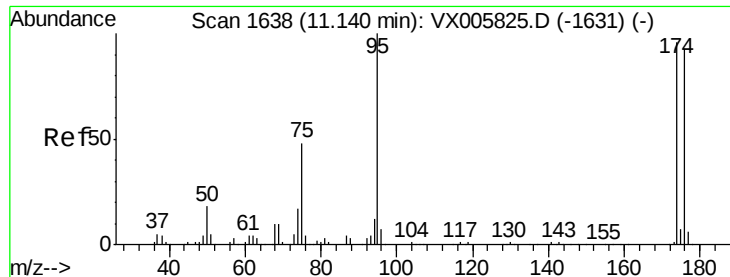
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

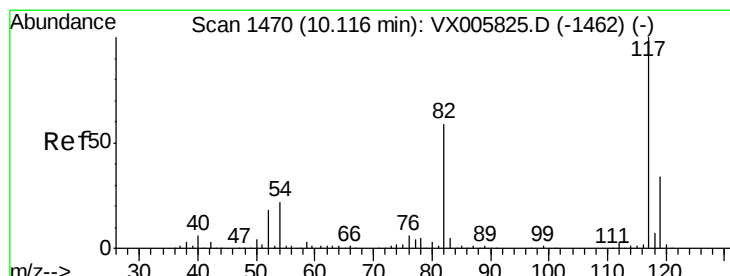
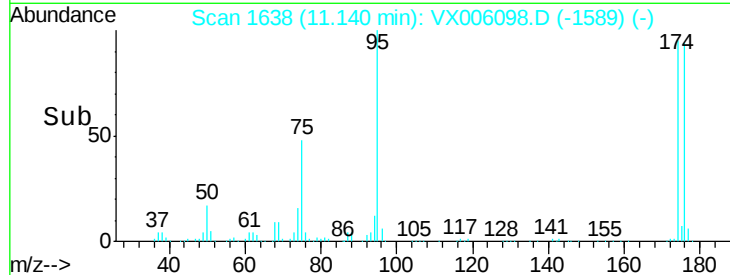
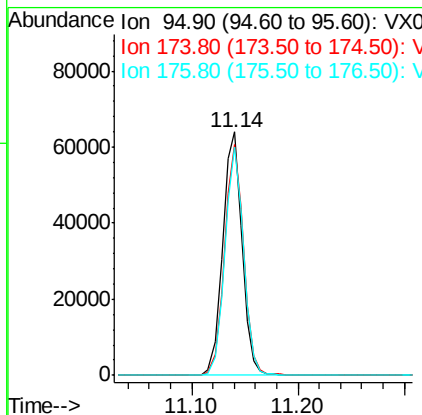
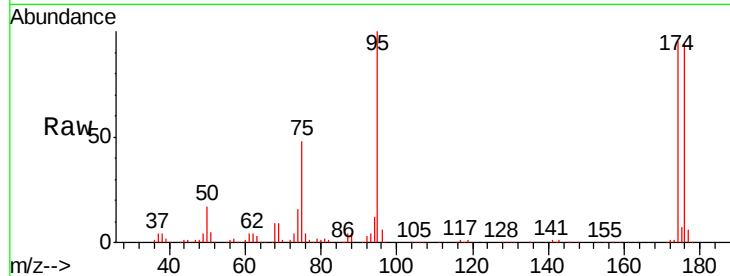




#62
 4-Bromofluorobenzene
 Concen: 46.06 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX006098.D
 Acq: 19 Nov 2018 18:20

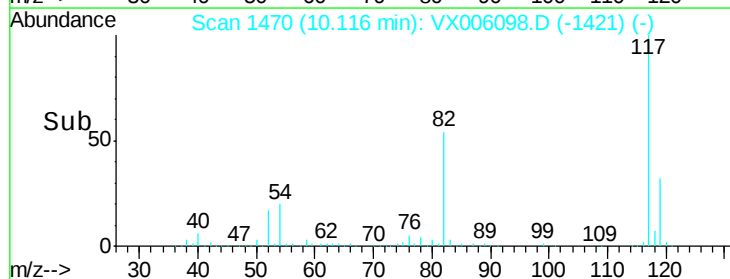
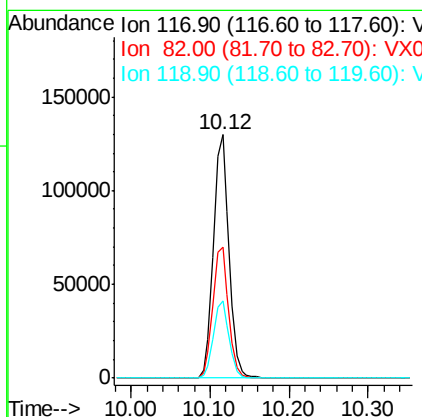
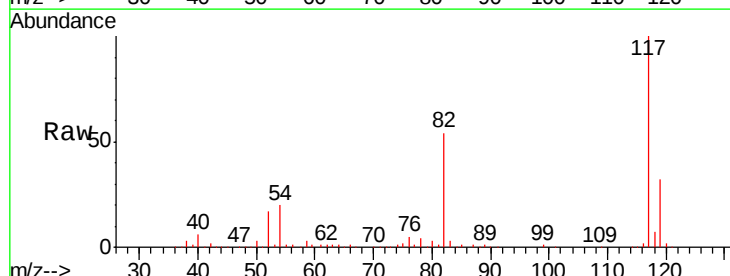
Instrument :
 MSVOA_X
 ClientSampleId :
 ES-RO-343

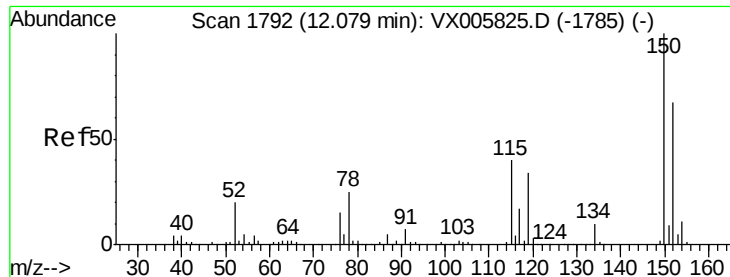
Tgt Ion: 95 Resp: 81431
 Ion Ratio Lower Upper
 95 100
 174 93.1 0.0 184.4
 176 90.7 0.0 177.4



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VX006098.D
 Acq: 19 Nov 2018 18:20

Tgt Ion: 117 Resp: 177891
 Ion Ratio Lower Upper
 117 100
 82 53.8 44.1 66.1
 119 31.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006098.D

Acq: 19 Nov 2018 18:20

Instrument :

MSVOA_X

ClientSampled :

ES-RO-343

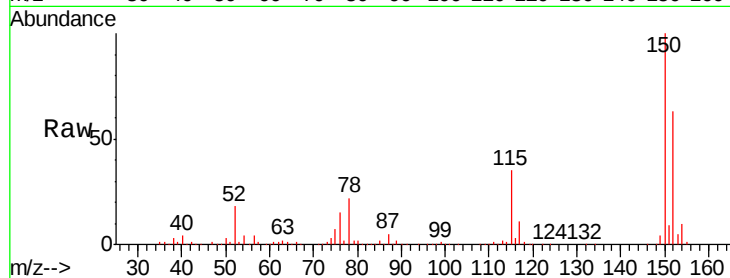
Tgt Ion:152 Resp: 87351

Ion Ratio Lower Upper

152 100

115 55.1 39.4 118.1

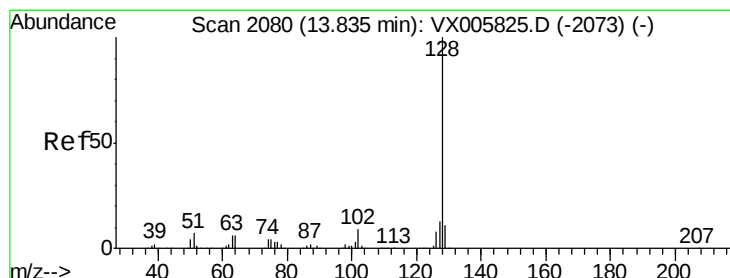
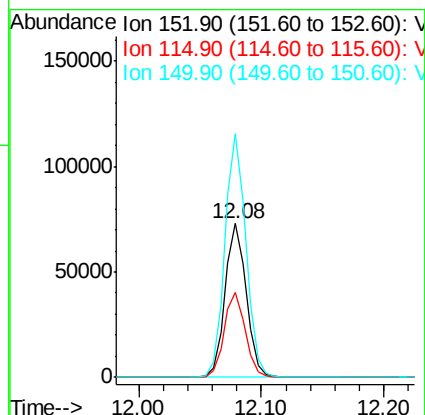
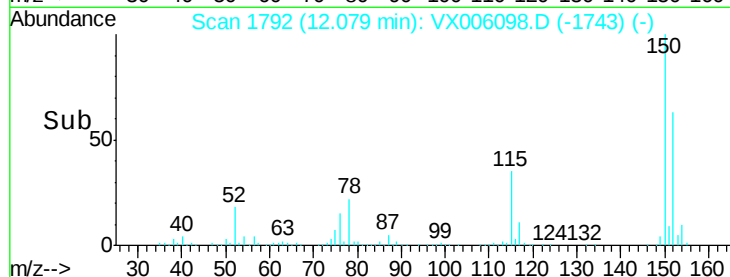
150 157.6 0.0 346.4



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



#95

Naphthalene

Concen: 1.78 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006098.D

Acq: 19 Nov 2018 18:20

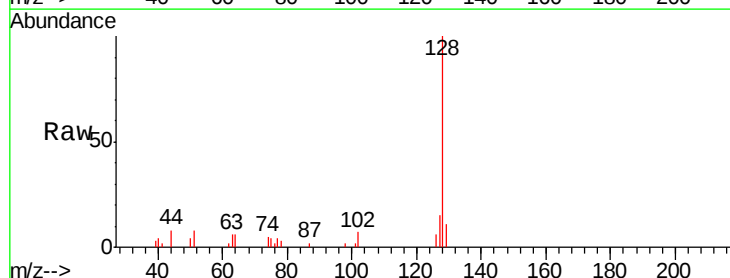
Tgt Ion:128 Resp: 3864

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

