

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006086.D
 Acq On : 19 Nov 2018 13:01
 Operator : JC/MD
 Sample : J5963-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FS-OILY-STONE

Quant Time: Nov 19 13:49:23 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	5.67	168	135814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	191442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	153779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73652	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	76365	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	5.51	113	66027	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	203090	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
62) 4-Bromofluorobenzene	11.14	95	69248	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	

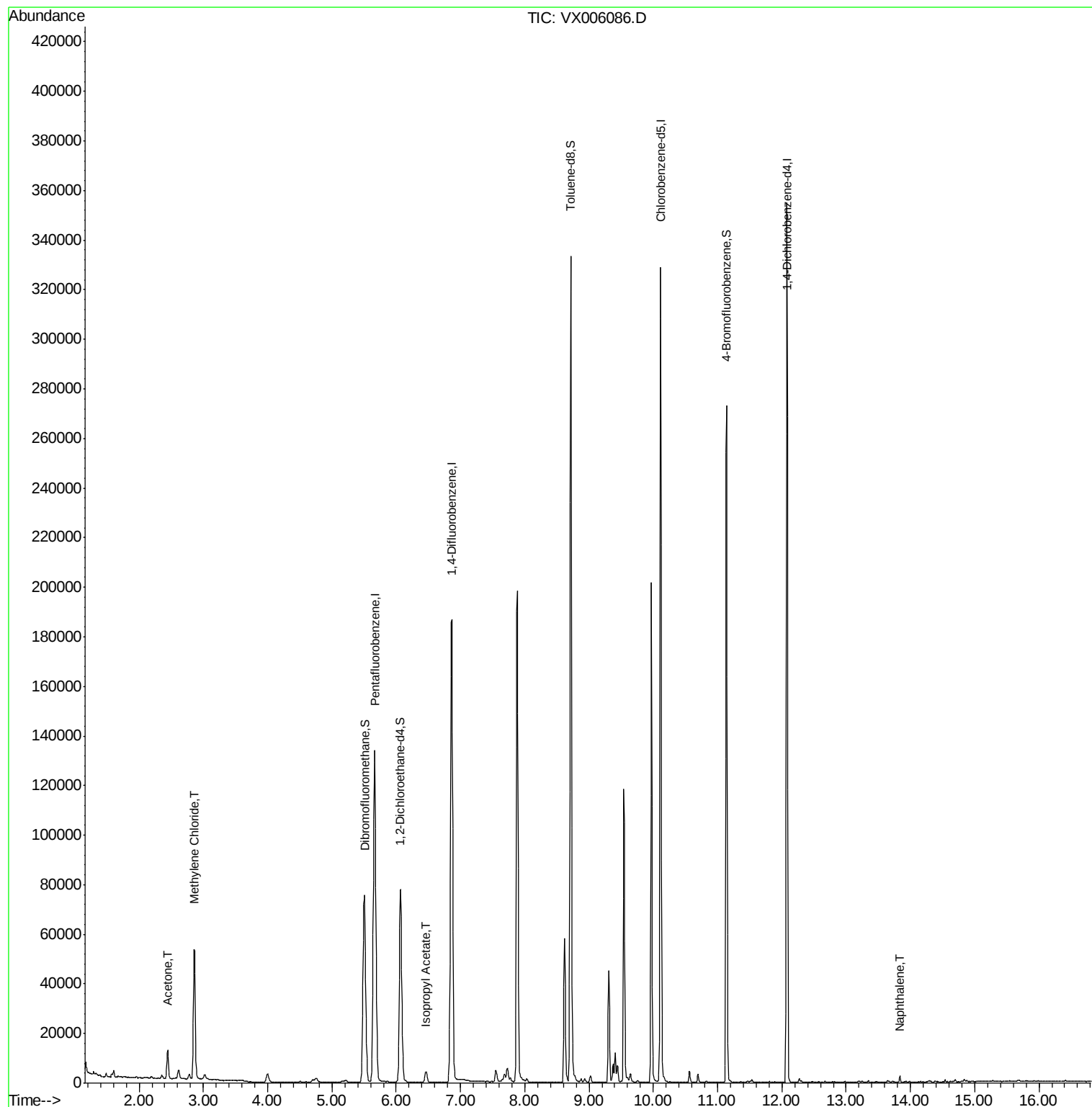
Target Compounds						Qvalue
16) Acetone	2.45	43	12884	15.33	ug/l	97
20) Methylene Chloride	2.85	84	24179	17.51	ug/l	85
43) Isopropyl Acetate	6.47	43	6081	1.73	ug/l	99
95) Naphthalene	13.83	128	1626	1.48	ug/l	95

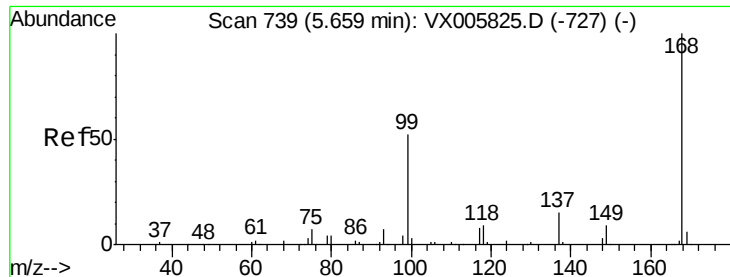
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006086.D

Acq: 19 Nov 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

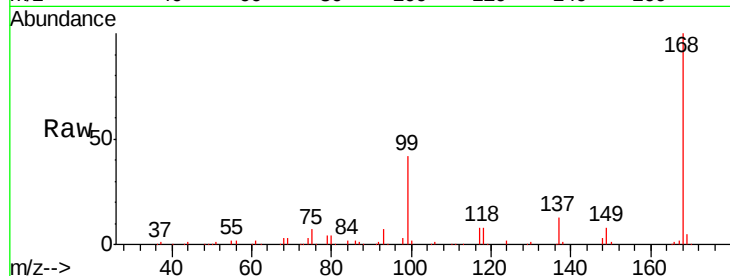
FS-OILY-STONE

Tgt Ion:168 Resp: 135814

Ion Ratio Lower Upper

168 100

99 42.5 40.7 61.1



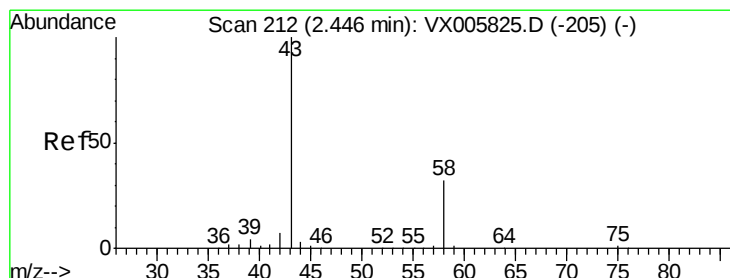
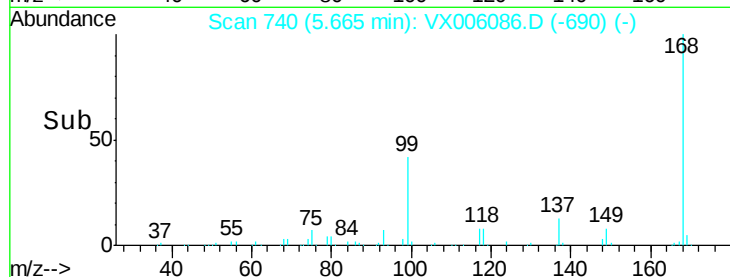
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 15.33 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006086.D

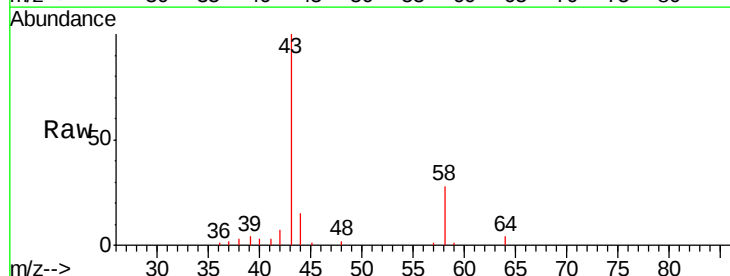
Acq: 19 Nov 2018 13:01

Tgt Ion: 43 Resp: 12884

Ion Ratio Lower Upper

43 100

58 28.3 23.8 35.6



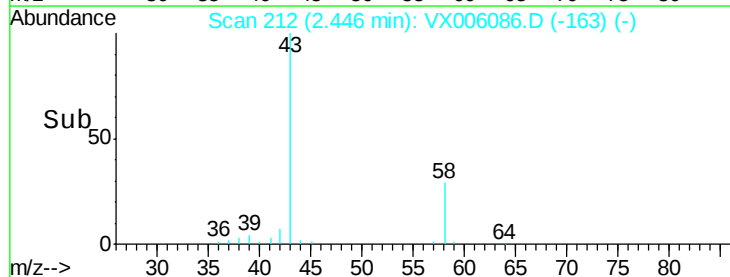
Abundance Ion 43.00 (42.70 to 43.70): VX0

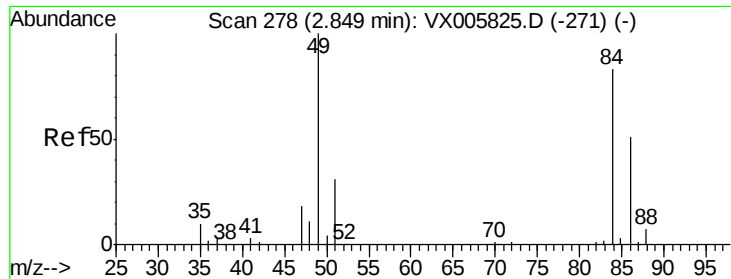
Ion 58.00 (57.70 to 58.70): VX0

2.45

2.40 2.50

Time-->

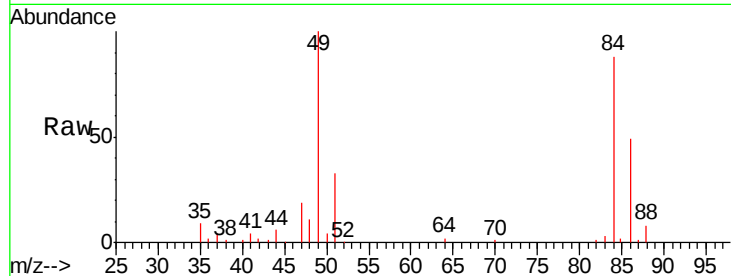




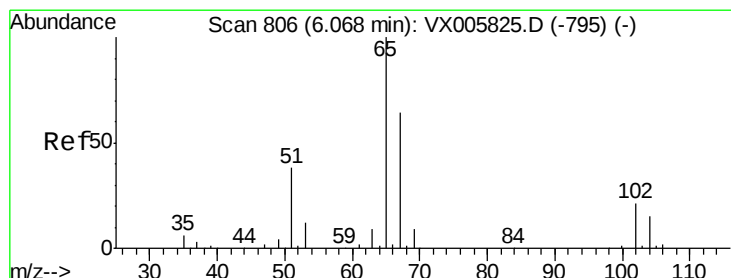
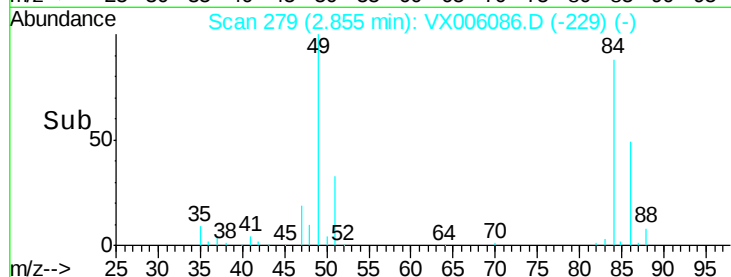
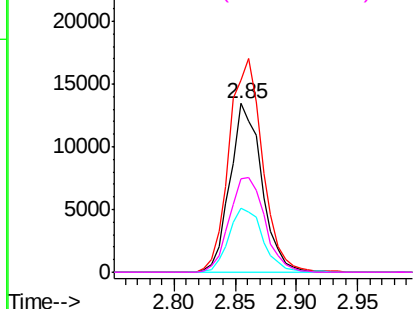
#20
Methylene Chloride
Concen: 17.51 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006086.D
Acq: 19 Nov 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
FS-OILY-STONE

Tgt Ion: 84 Resp: 24179
Ion Ratio Lower Upper
84 100
49 114.1 109.5 164.3
51 38.2 33.3 49.9
86 55.6 52.7 79.1

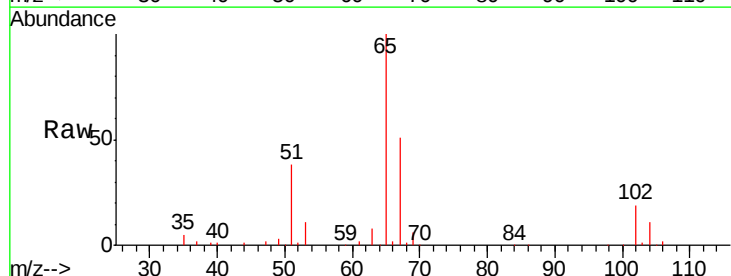


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

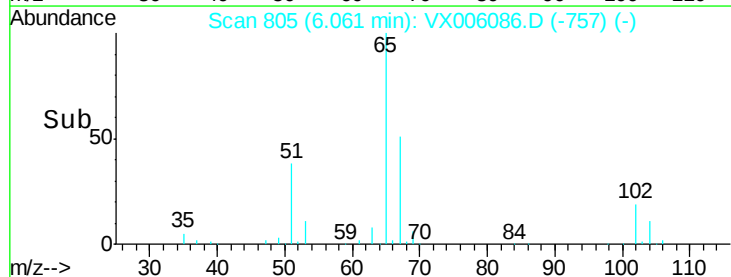
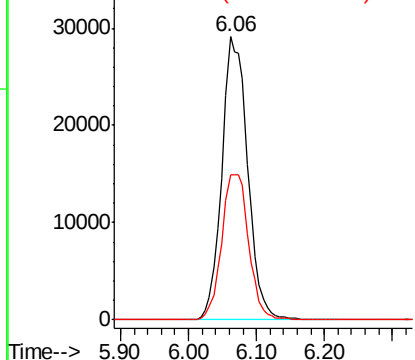


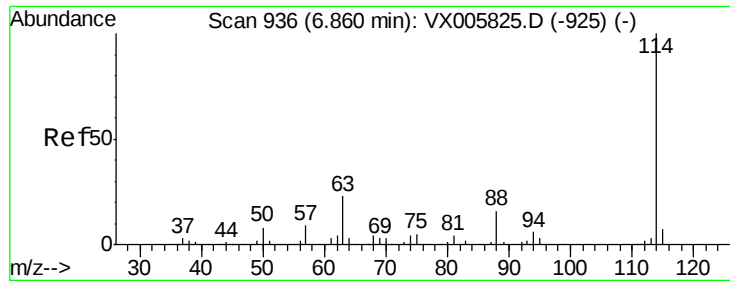
#33
1,2-Dichloroethane-d4
Concen: 48.91 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX006086.D
Acq: 19 Nov 2018 13:01

Tgt Ion: 65 Resp: 76365
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

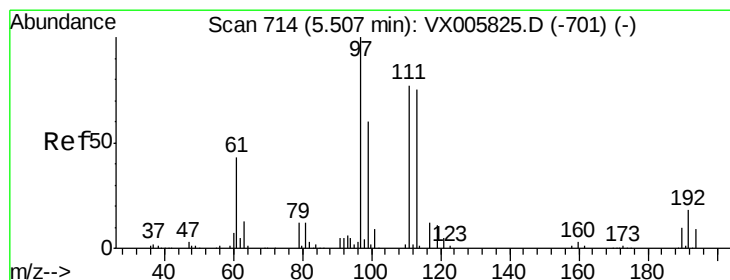
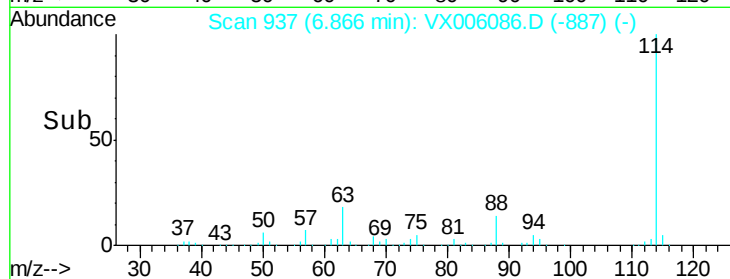
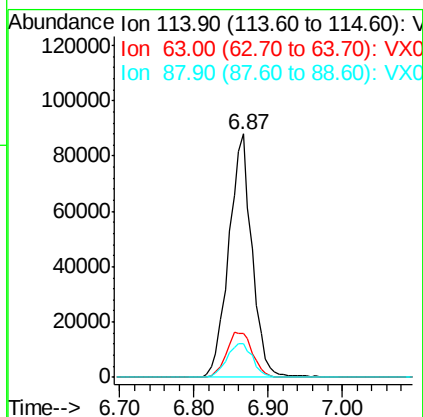
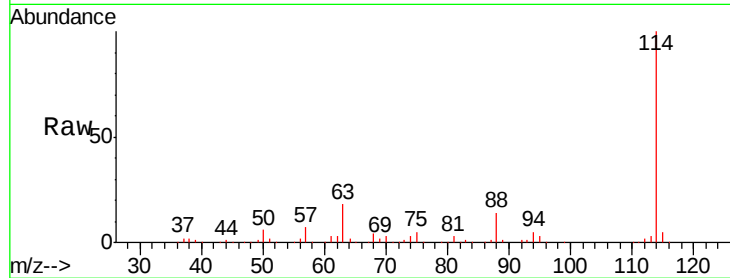




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX006086.D
 Acq: 19 Nov 2018 13:01

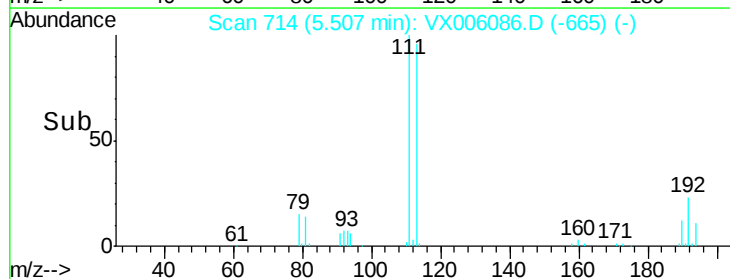
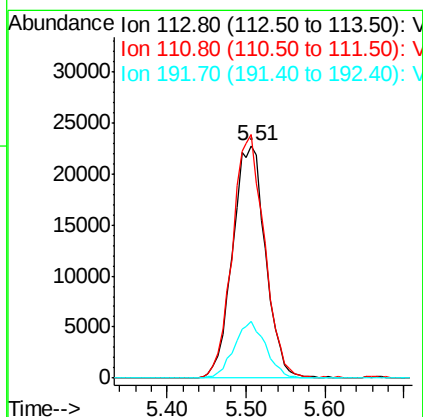
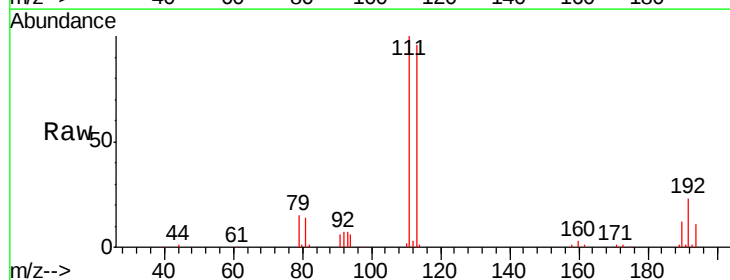
Instrument :
 MSVOA_X
 ClientSampleId :
 FS-OILY-STONE

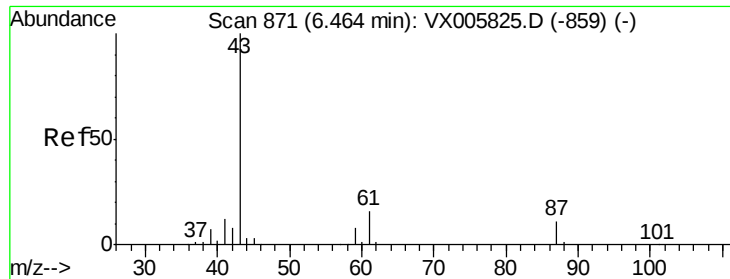
Tgt Ion:114 Resp: 191442
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 42.8
 88 14.0 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 50.71 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006086.D
 Acq: 19 Nov 2018 13:01

Tgt Ion:113 Resp: 66027
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.3 123.5
 192 23.3 17.9 26.9

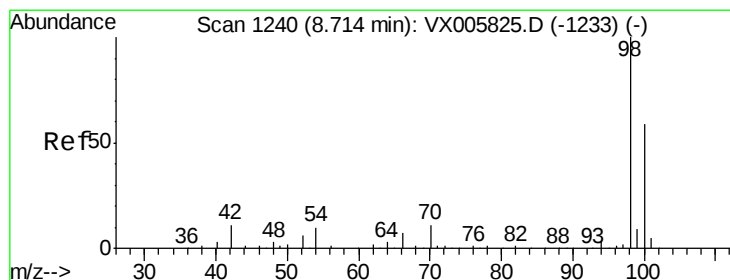
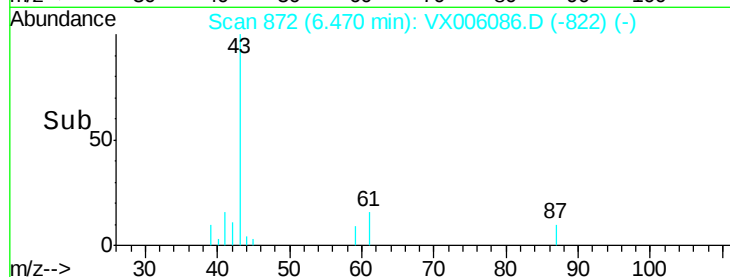
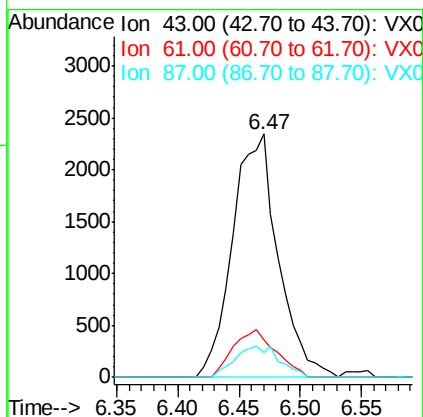
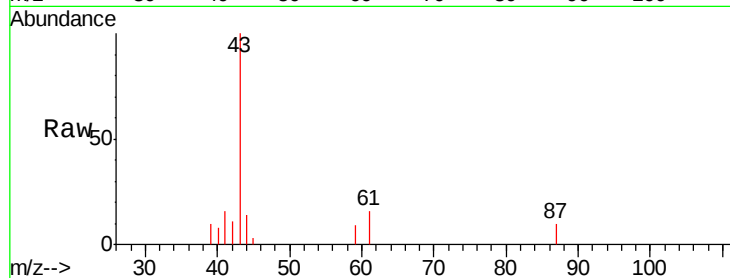




#43
Isopropyl Acetate
Concen: 1.73 ug/l
RT: 6.47 min Scan# 872
Delta R.T. 0.01 min
Lab File: VX006086.D
Acq: 19 Nov 2018 13:01

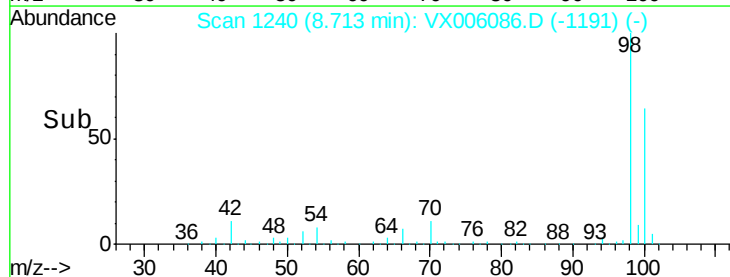
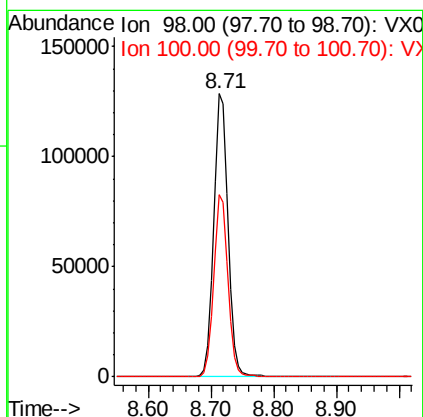
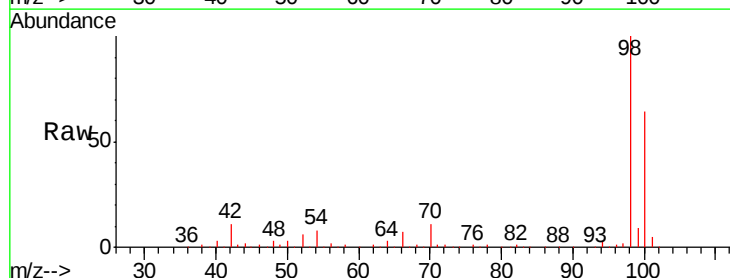
Instrument :
MSVOA_X
ClientSampleId :
FS-OILY-STONE

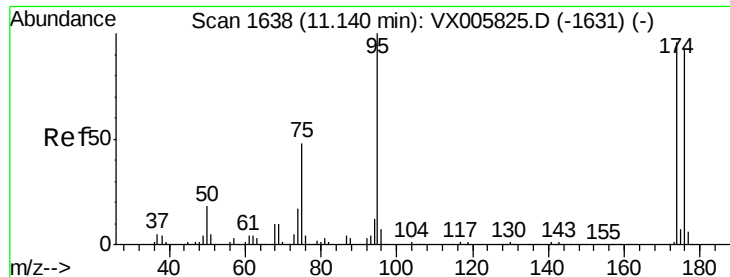
Tgt Ion: 43 Resp: 6081
Ion Ratio Lower Upper
43 100
61 18.2 14.6 22.0
87 12.5 9.6 14.4



#50
Toluene-d8
Concen: 46.91 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006086.D
Acq: 19 Nov 2018 13:01

Tgt Ion: 98 Resp: 203090
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 44.49 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006086.D

Acq: 19 Nov 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

FS-OILY-STONE

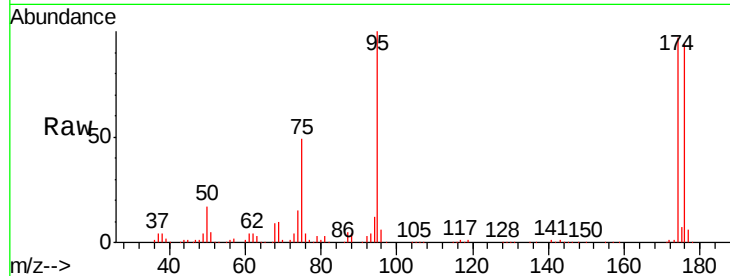
Tgt Ion: 95 Resp: 69248

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.4

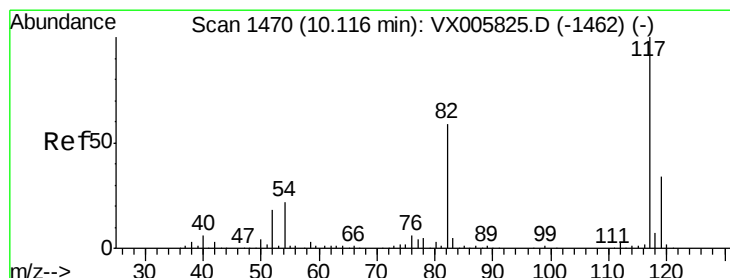
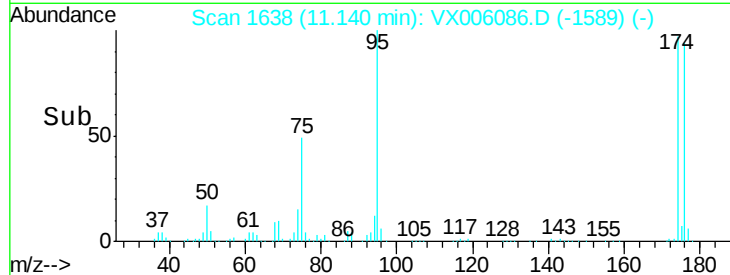
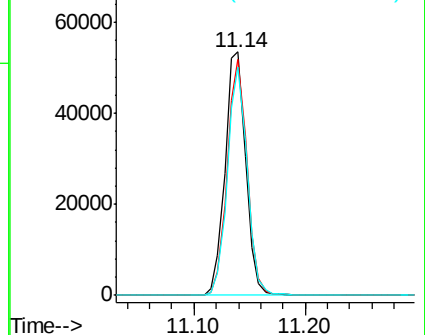
176 89.3 0.0 177.4



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: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006086.D

Acq: 19 Nov 2018 13:01

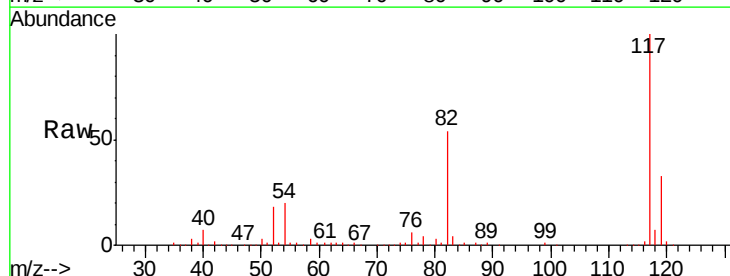
Tgt Ion: 117 Resp: 153779

Ion Ratio Lower Upper

117 100

82 53.9 44.1 66.1

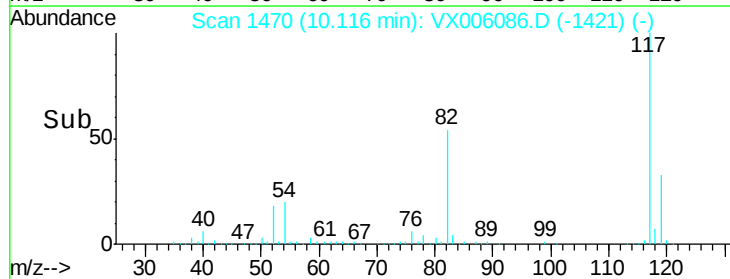
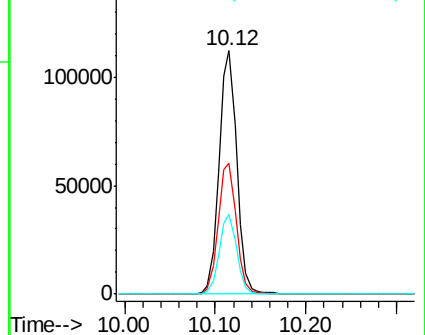
119 32.7 26.2 39.2

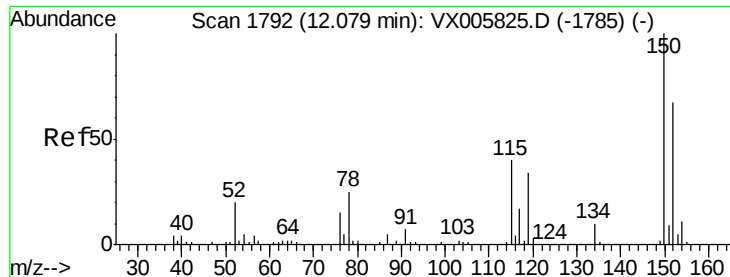


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006086.D

Acq: 19 Nov 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

FS-OILY-STONE

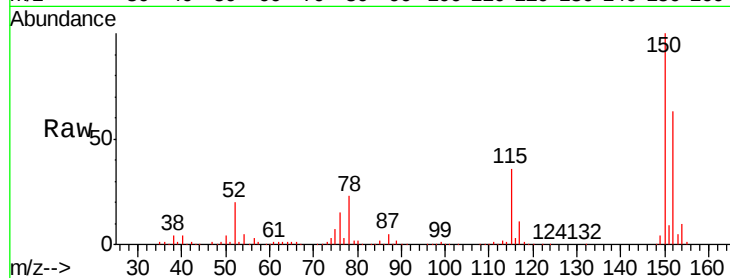
Tgt Ion:152 Resp: 73652

Ion Ratio Lower Upper

152 100

115 55.6 39.4 118.1

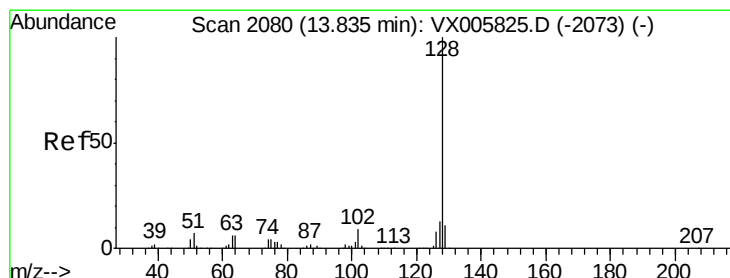
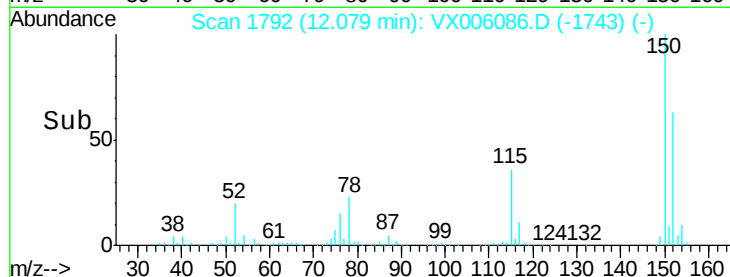
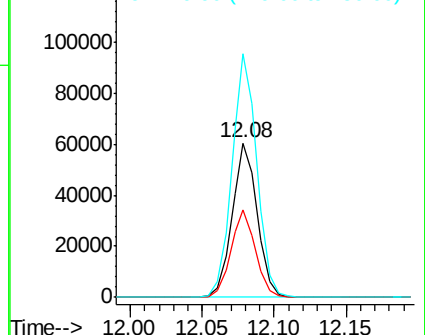
150 157.0 0.0 346.4



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: 1.48 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006086.D

Acq: 19 Nov 2018 13:01

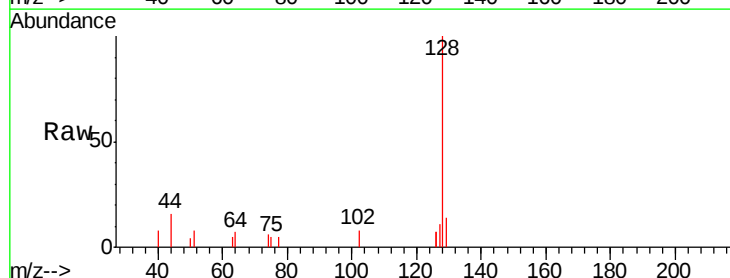
Tgt Ion:128 Resp: 1626

Ion Ratio Lower Upper

128 100

127 10.7 10.4 15.6

129 12.7 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

