

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006196.D
 Acq On : 27 Nov 2018 01:24
 Operator : JC/MD
 Sample : J5770-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-112118-A

Quant Time: Nov 27 04:37:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181576	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174104	57.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.26%	
35) Dibromofluoromethane	5.51	113	136996	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	8.71	98	521434	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.14	95	168685	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	

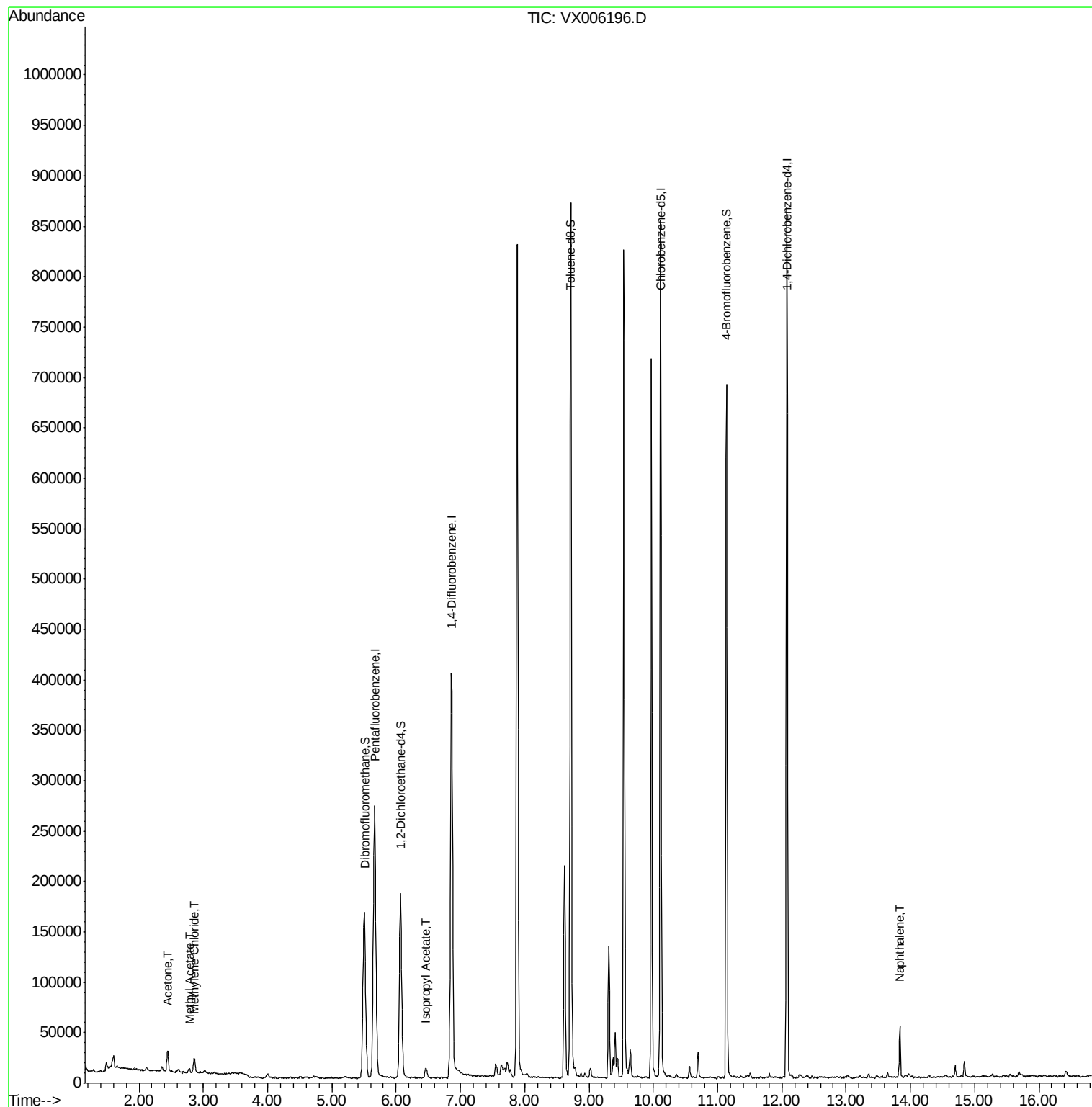
Target Compounds						Qvalue
16) Acetone	2.45	43	22720	16.80	ug/l	98
18) Methyl Acetate	2.78	43	5791	1.67	ug/l #	83
20) Methylene Chloride	2.85	84	6593	2.89	ug/l	95
43) Isopropyl Acetate	6.46	43	13279	1.97	ug/l	95
95) Naphthalene	13.83	128	30314	2.52	ug/l	99

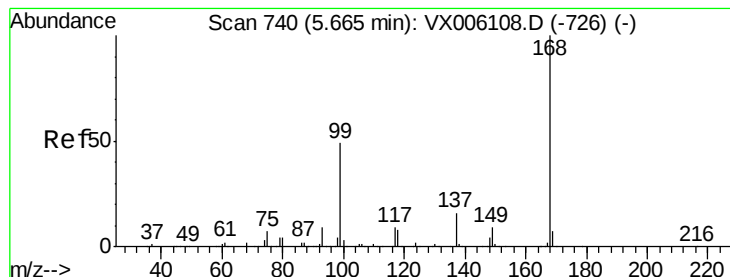
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006196.D

Acq: 27 Nov 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

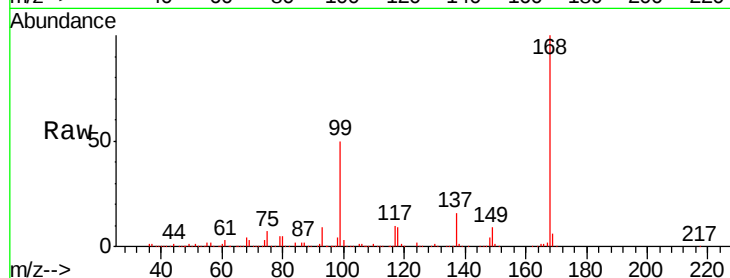
OR-02-112118-A

Tgt Ion:168 Resp: 263021

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

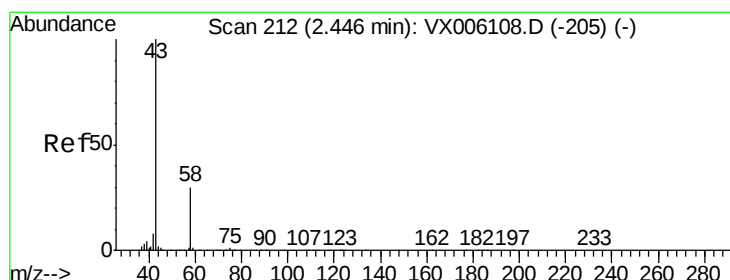
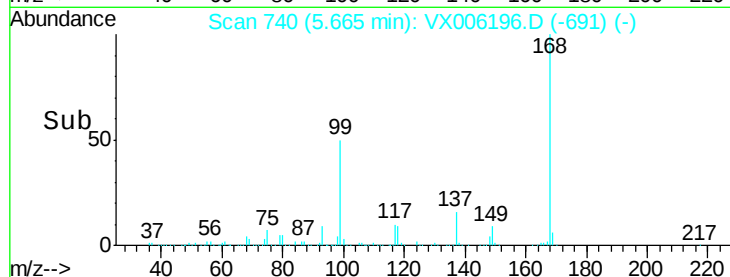
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 16.80 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006196.D

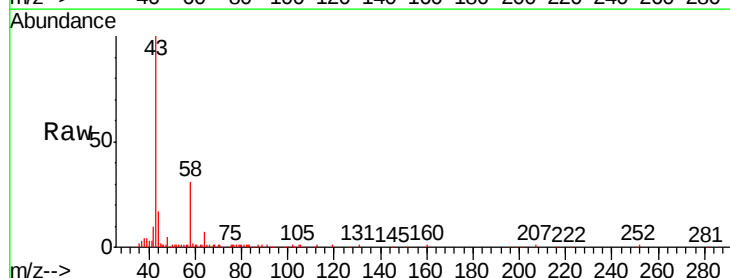
Acq: 27 Nov 2018 01:24

Tgt Ion: 43 Resp: 22720

Ion Ratio Lower Upper

43 100

58 30.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

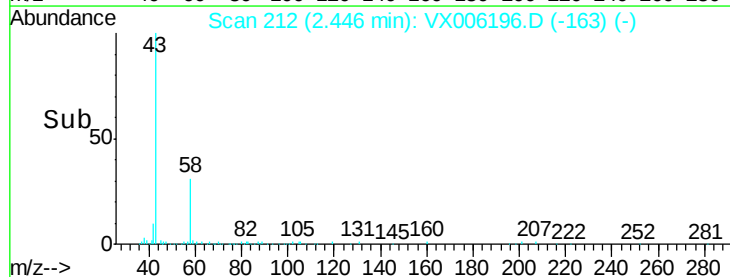
15000

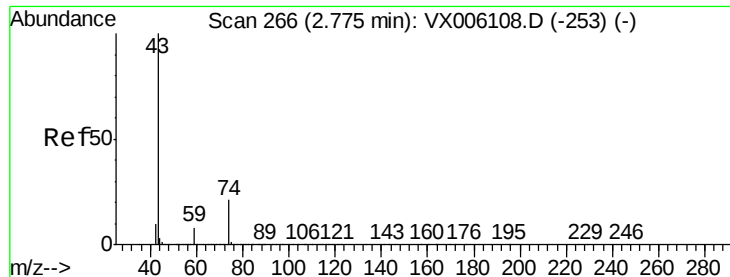
10000

5000

0

Time-->

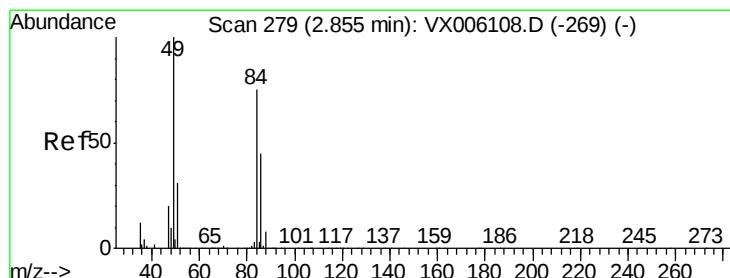
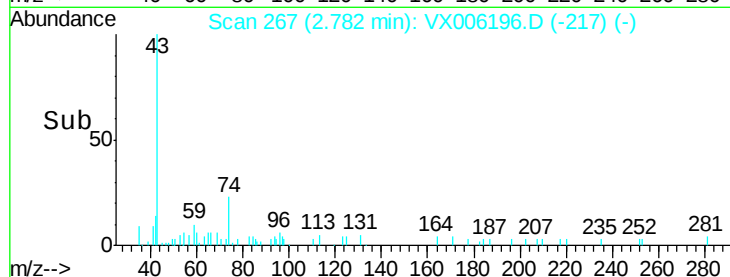
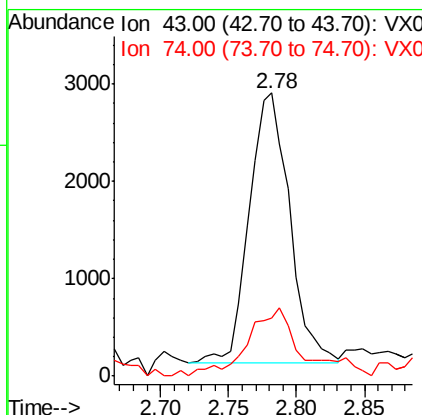
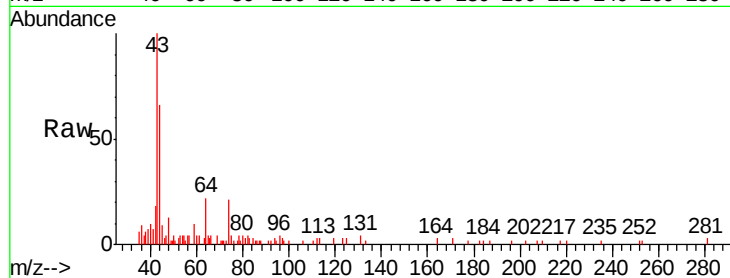




#18
Methyl Acetate
Concen: 1.67 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006196.D
Acq: 27 Nov 2018 01:24

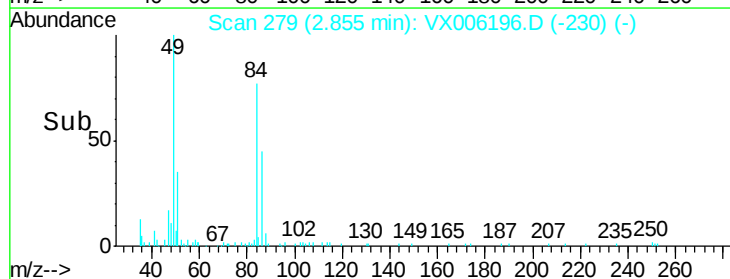
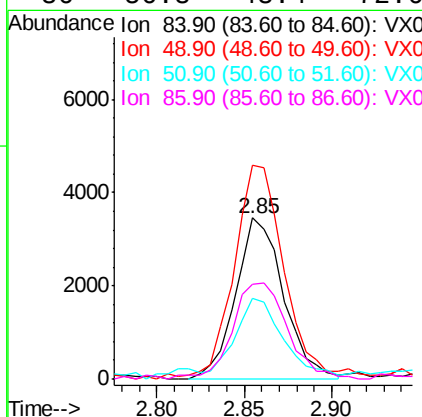
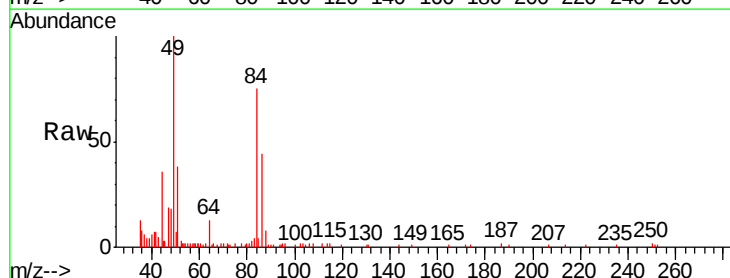
Instrument :
MSVOA_X
ClientSampleId :
OR-02-112118-A

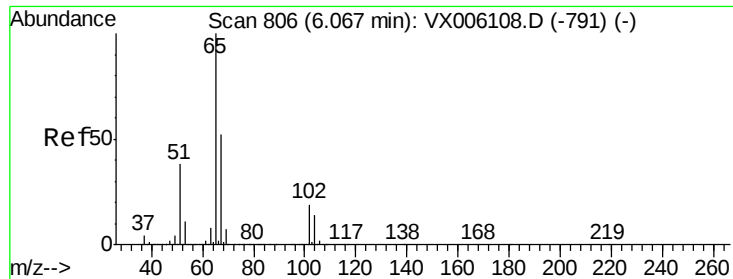
Tgt Ion: 43 Resp: 5791
Ion Ratio Lower Upper
43 100
74 29.8 17.3 25.9#



#20
Methylene Chloride
Concen: 2.89 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006196.D
Acq: 27 Nov 2018 01:24

Tgt Ion: 84 Resp: 6593
Ion Ratio Lower Upper
84 100
49 129.9 106.6 159.8
51 47.1 32.6 49.0
86 56.8 48.4 72.6





#33

1,2-Dichloroethane-d4

Concen: 57.13 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006196.D

Acq: 27 Nov 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

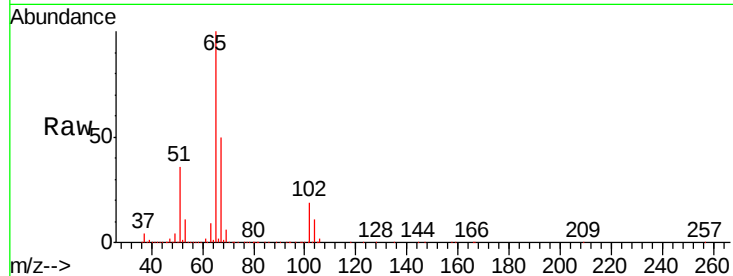
OR-02-112118-A

Tgt Ion: 65 Resp: 174104

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

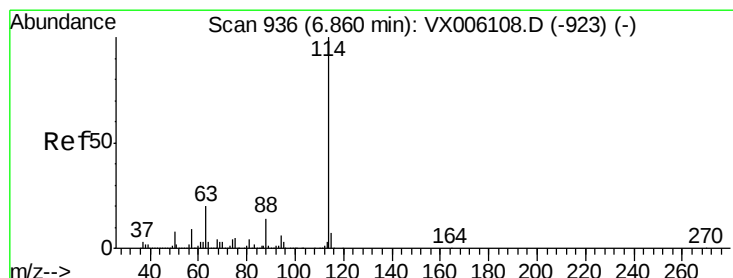
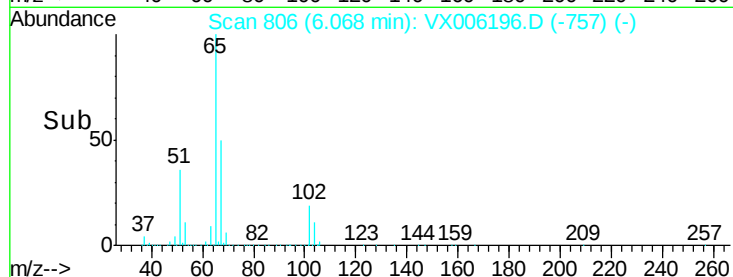
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006196.D

Acq: 27 Nov 2018 01:24

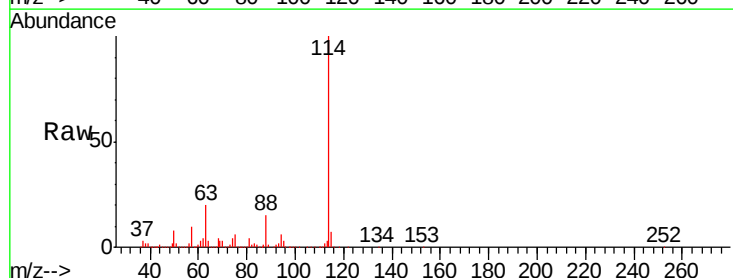
Tgt Ion: 114 Resp: 399396

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 15.4 0.0 28.6



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

6.86

200000

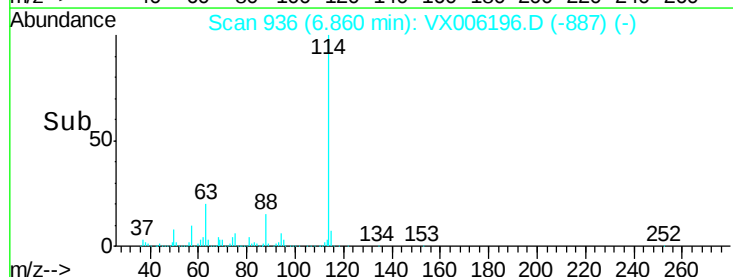
150000

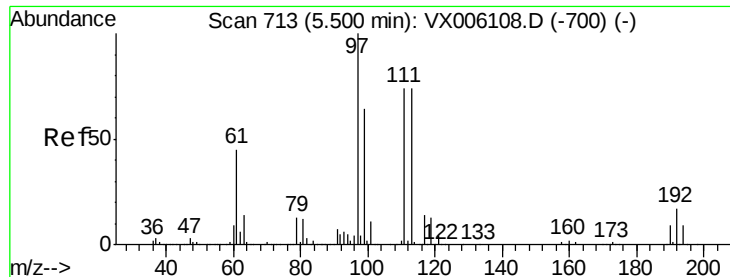
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 53.43 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006196.D

Acq: 27 Nov 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

OR-02-112118-A

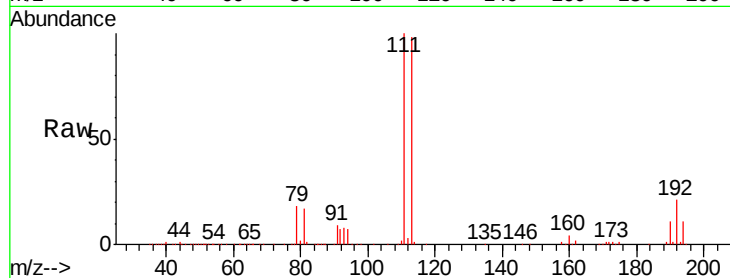
Tgt Ion:113 Resp: 136996

Ion Ratio Lower Upper

113 100

111 103.9 81.5 122.3

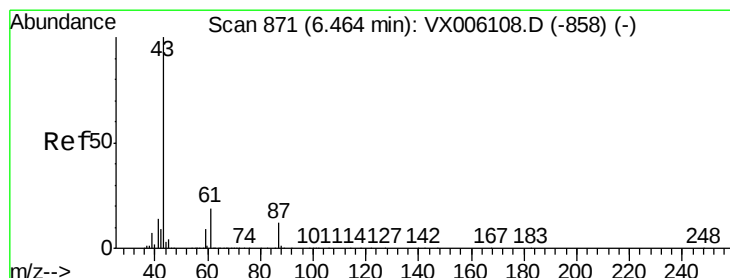
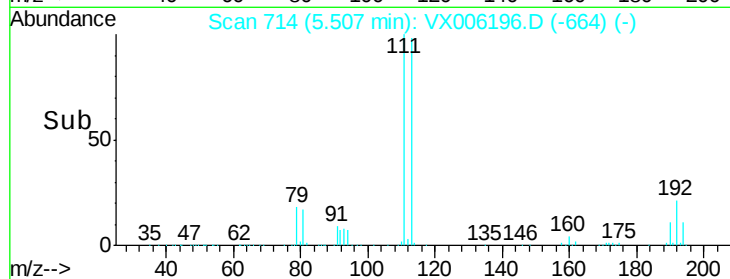
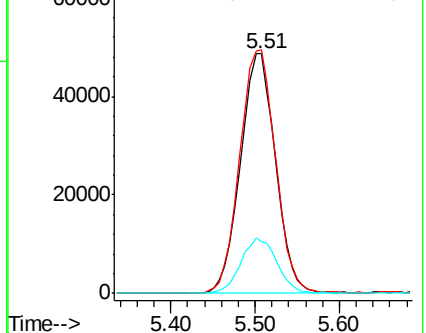
192 23.8 18.6 28.0



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: 1.97 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006196.D

Acq: 27 Nov 2018 01:24

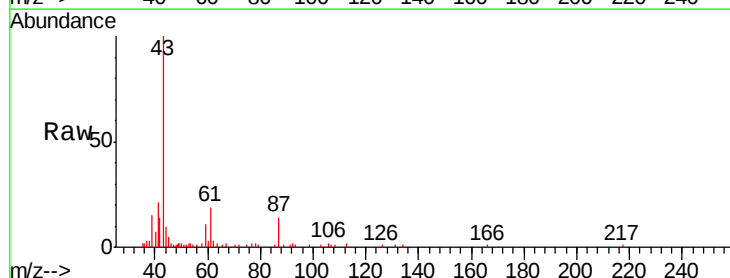
Tgt Ion: 43 Resp: 13279

Ion Ratio Lower Upper

43 100

61 20.8 15.2 22.8

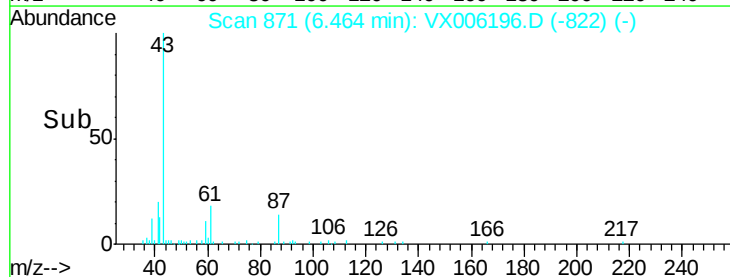
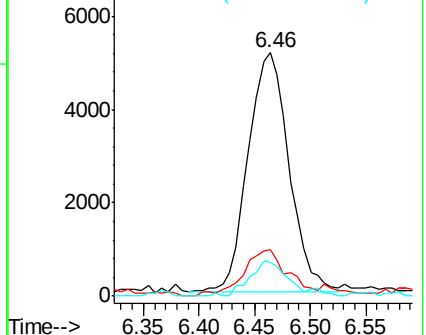
87 14.2 9.6 14.4

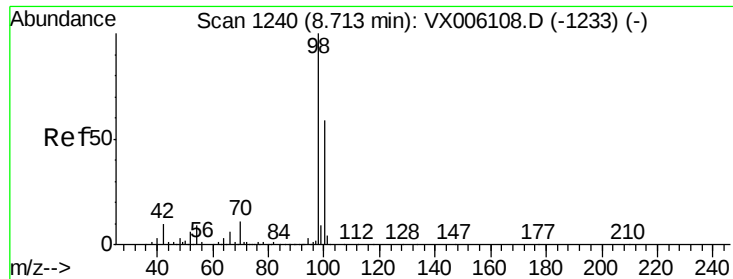


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 53.32 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006196.D

Acq: 27 Nov 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

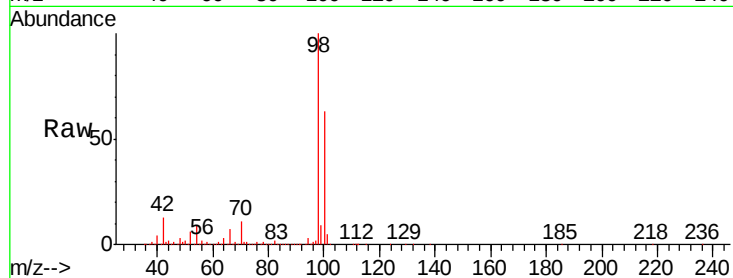
OR-02-112118-A

Tgt Ion: 98 Resp: 521434

Ion Ratio Lower Upper

98 100

100 62.7 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

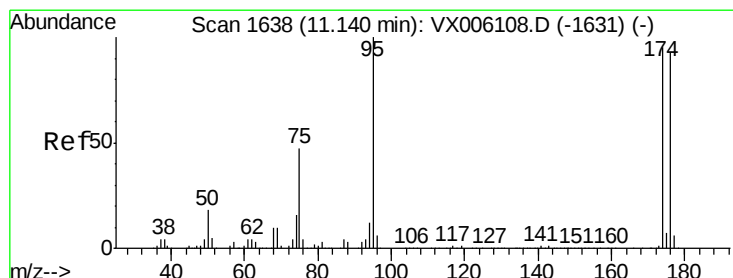
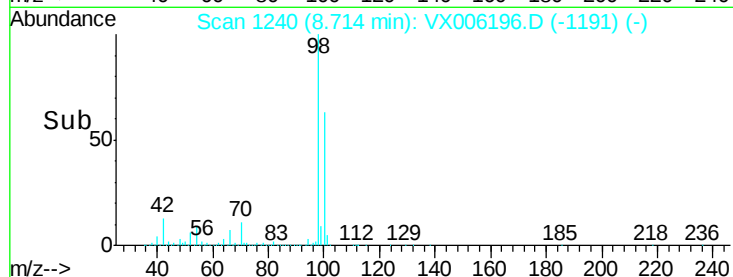
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 45.98 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006196.D

Acq: 27 Nov 2018 01:24

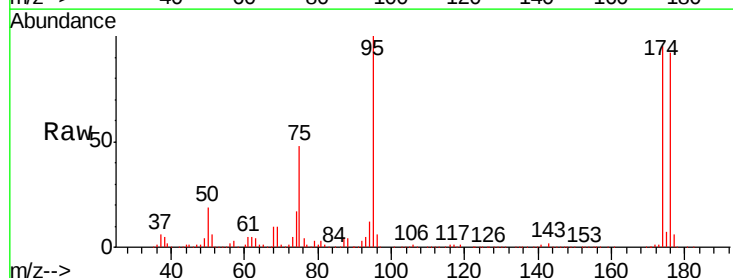
Tgt Ion: 95 Resp: 168685

Ion Ratio Lower Upper

95 100

174 93.8 0.0 184.4

176 89.7 0.0 179.0



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

11.14

150000

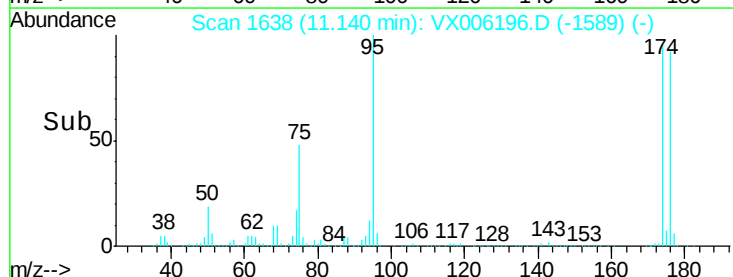
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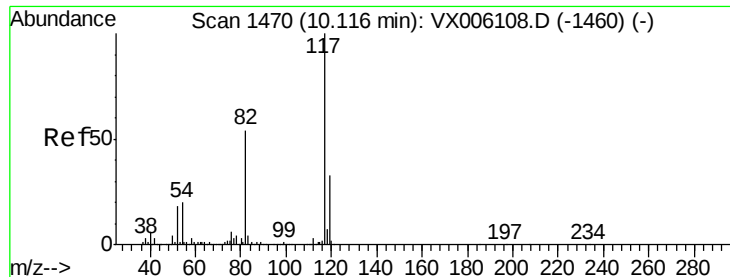
50000

0

Time-->

11.00 11.10 11.20 11.30

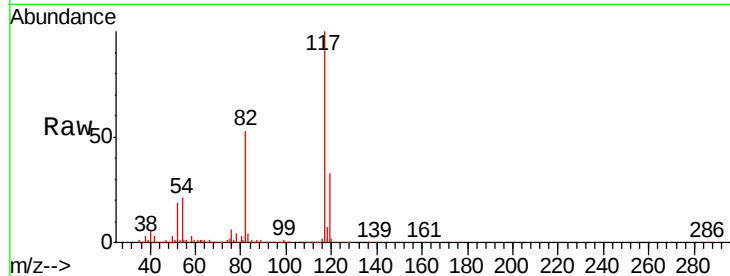




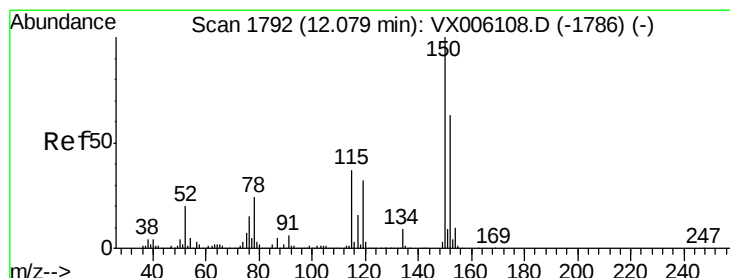
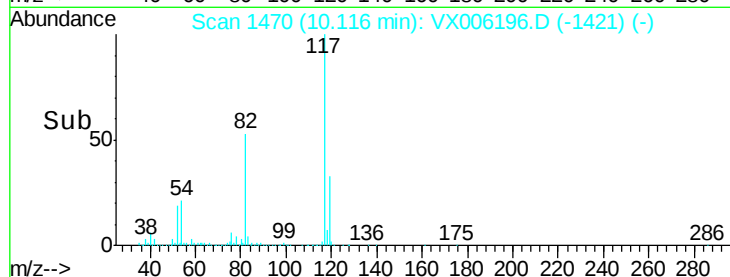
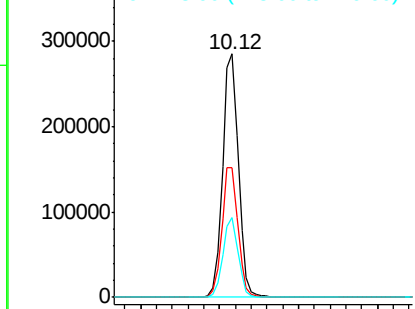
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006196.D
Acq: 27 Nov 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
OR-02-112118-A

Tgt Ion:117 Resp: 397117
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.5 26.1 39.1

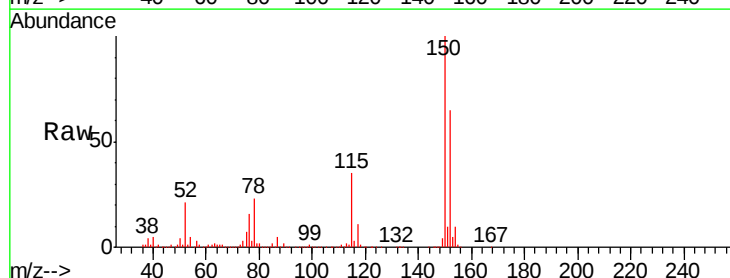


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VXO
Ion 118.90 (118.60 to 119.60): V

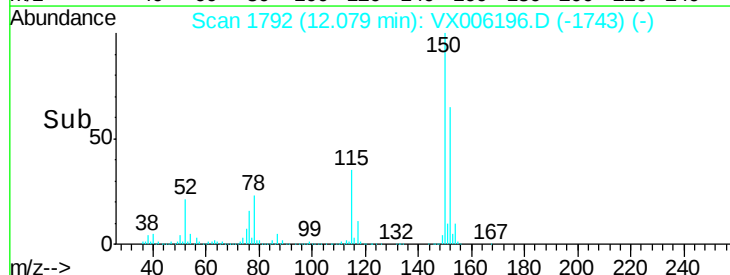
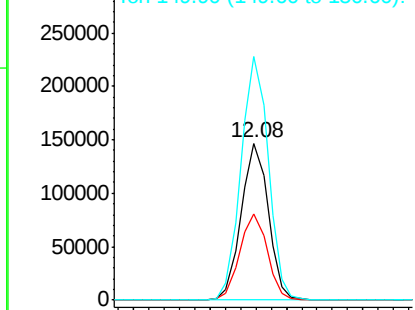


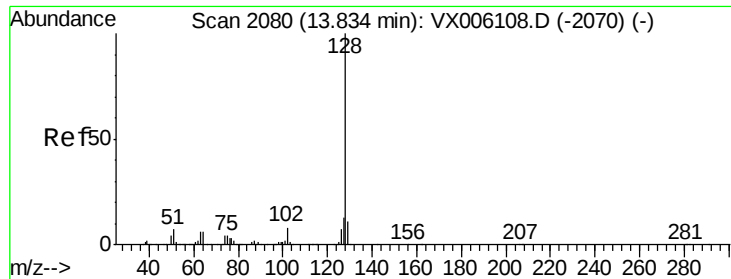
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006196.D
Acq: 27 Nov 2018 01:24

Tgt Ion:152 Resp: 181576
Ion Ratio Lower Upper
152 100
115 55.6 39.0 116.9
150 156.6 0.0 346.6



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





#95

Naphthalene

Concen: 2.52 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006196.D

Acq: 27 Nov 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

OR-02-112118-A

Tgt Ion:128 Resp: 30314

Ion Ratio Lower Upper

128 100

127 14.2 10.6 15.8

129 11.0 8.8 13.2

