

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006197.D
 Acq On : 27 Nov 2018 01:51
 Operator : JC/MD
 Sample : J5770-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Nov 27 04:40:15 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	261131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185477	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172274	56.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.86%	
35) Dibromofluoromethane	5.50	113	137495	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
50) Toluene-d8	8.71	98	522660	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
62) 4-Bromofluorobenzene	11.14	95	169594	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

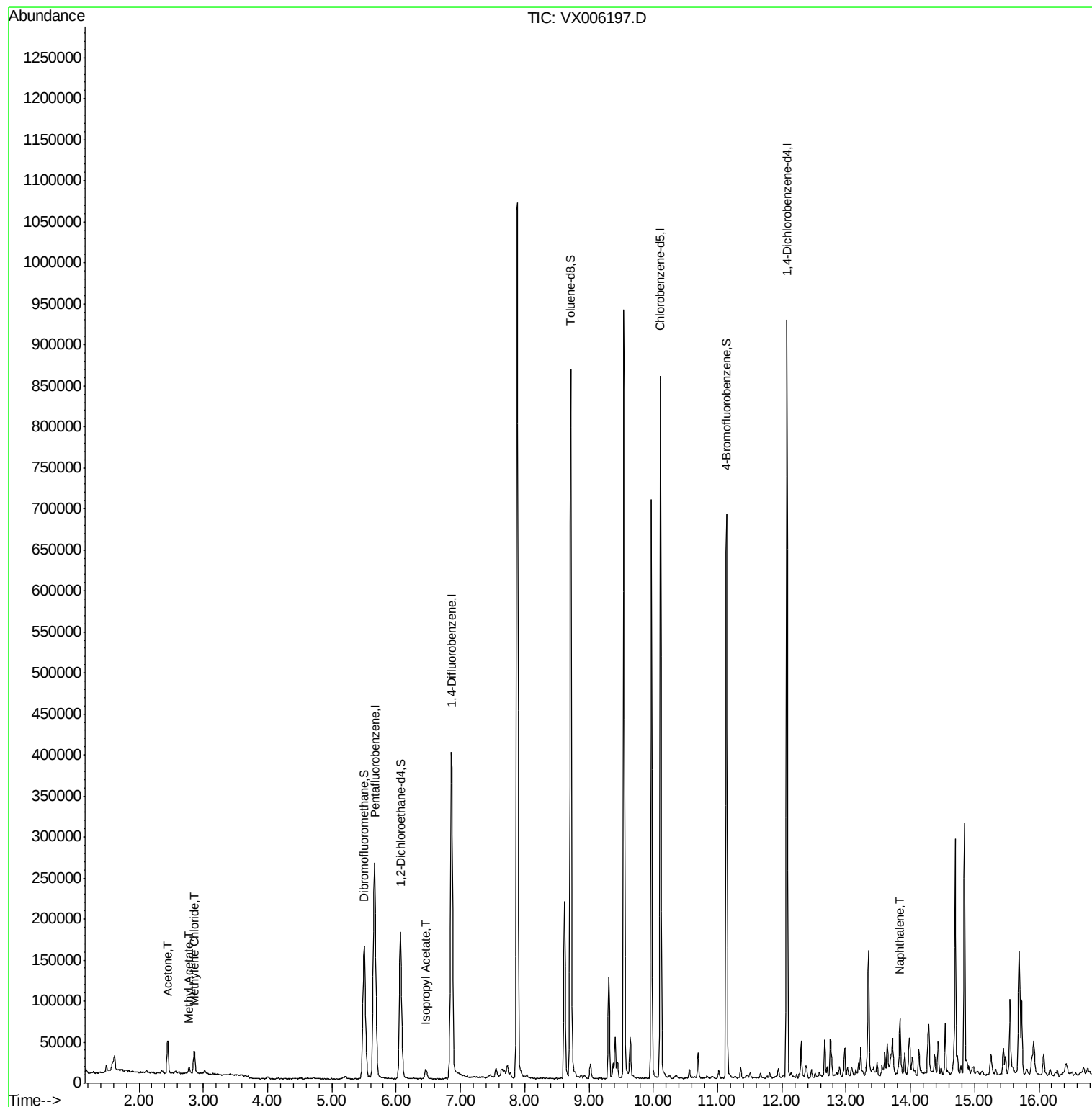
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	43960	32.74	ug/l	97
18) Methyl Acetate	2.78	43	9432	2.74	ug/l	# 91
20) Methylene Chloride	2.85	84	13291	6.24	ug/l	93
43) Isopropyl Acetate	6.46	43	14841	2.24	ug/l	96
95) Naphthalene	13.83	128	40575	3.31	ug/l	96

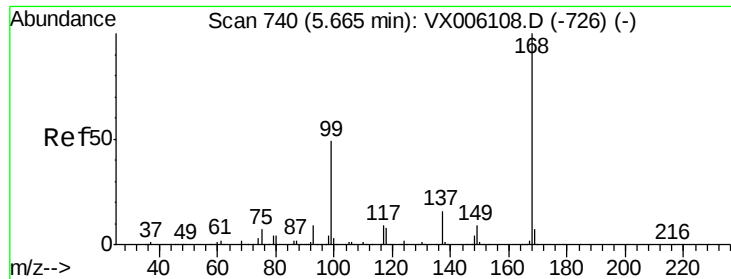
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OR-02-112118-B

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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: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

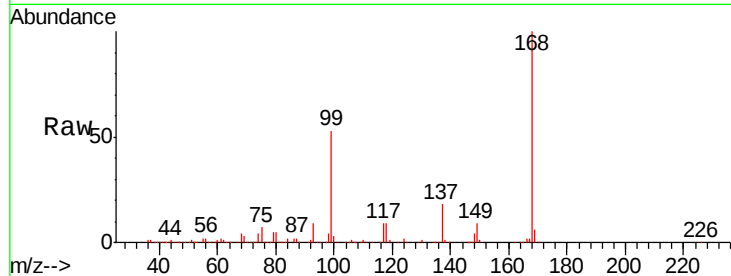
OR-02-112118-B

Tgt Ion:168 Resp: 261131

Ion Ratio Lower Upper

168 100

99 53.2 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

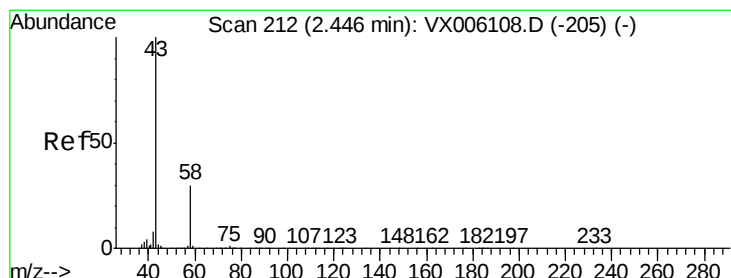
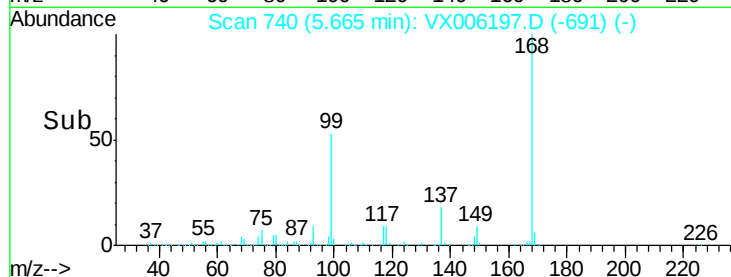
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 32.74 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006197.D

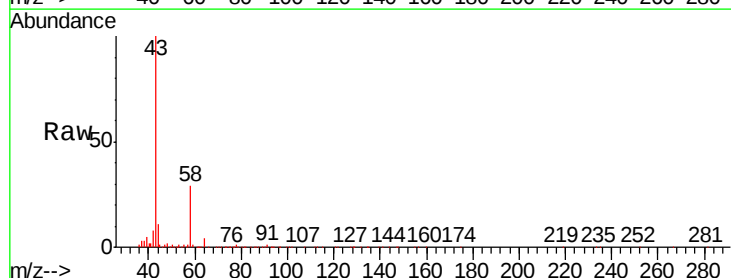
Acq: 27 Nov 2018 01:51

Tgt Ion: 43 Resp: 43960

Ion Ratio Lower Upper

43 100

58 28.1 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

30000

25000

20000

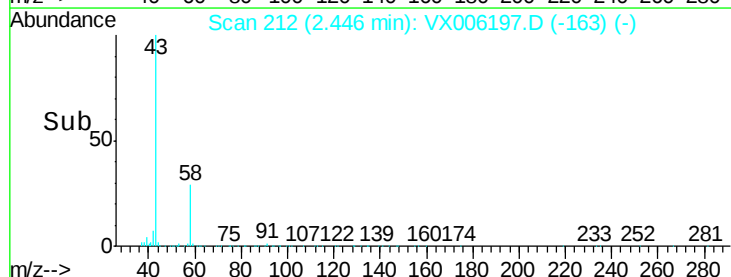
15000

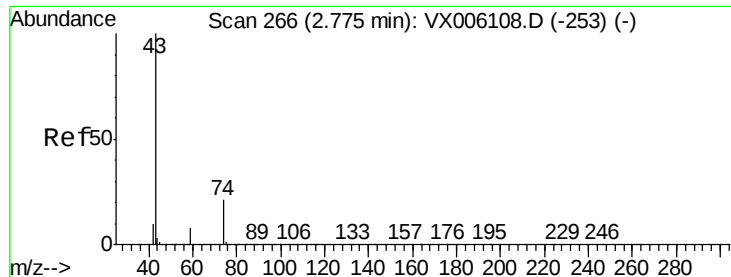
10000

5000

0

Time--> 2.30 2.40 2.50

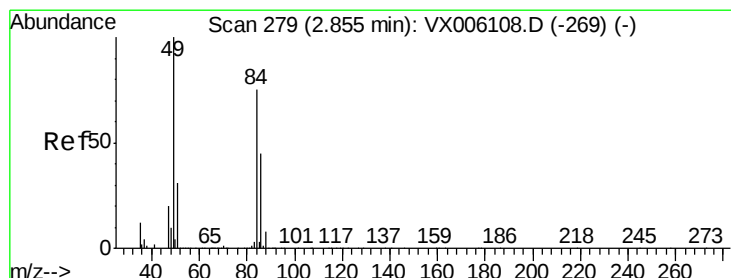
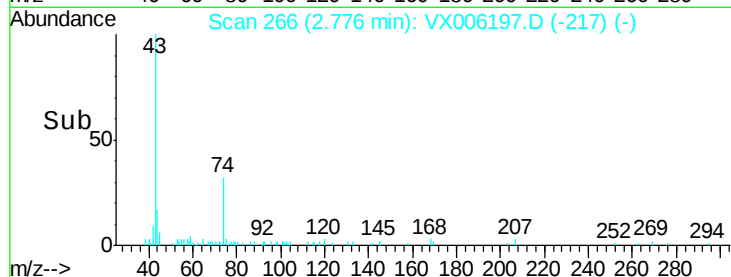
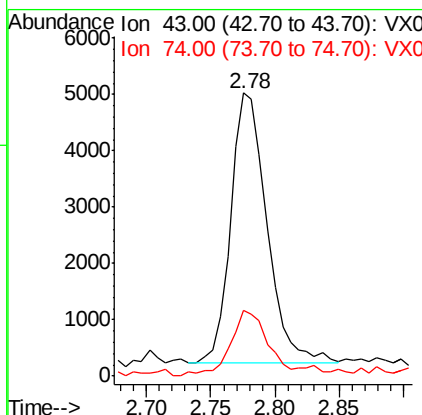
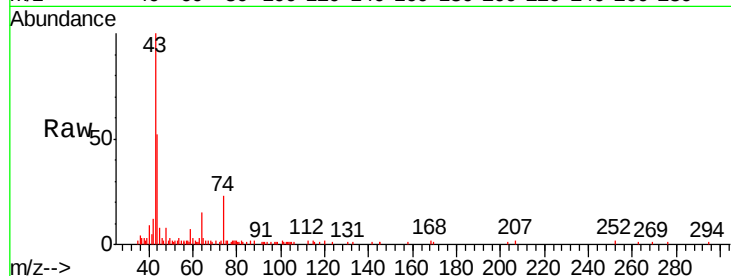




#18
Methyl Acetate
Concen: 2.74 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

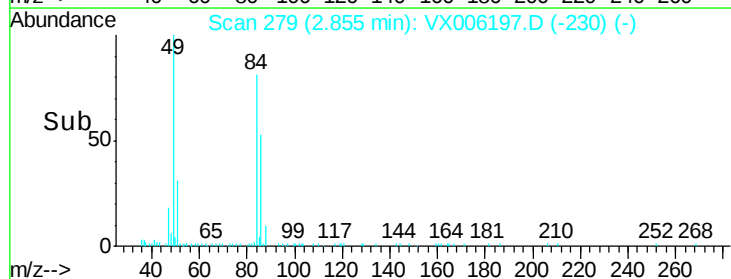
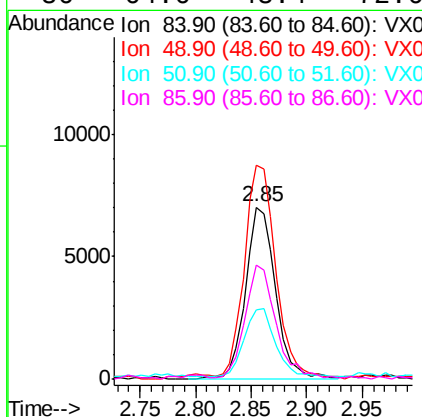
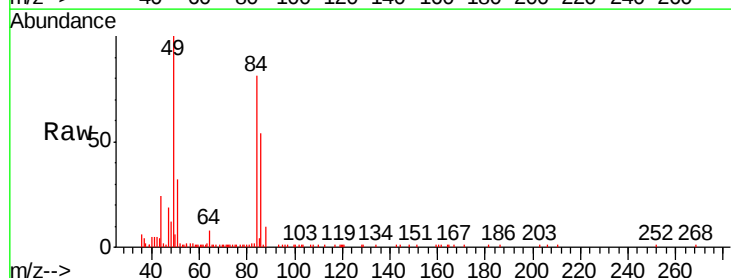
Instrument :
MSVOA_X
ClientSampleId :
OR-02-112118-B

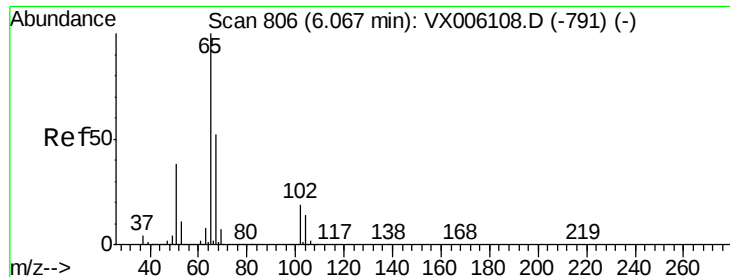
Tgt Ion: 43 Resp: 9432
Ion Ratio Lower Upper
43 100
74 25.9 17.3 25.9#



#20
Methylene Chloride
Concen: 6.24 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

Tgt Ion: 84 Resp: 13291
Ion Ratio Lower Upper
84 100
49 122.4 106.6 159.8
51 38.3 32.6 49.0
86 64.6 48.4 72.6





#33

1,2-Dichloroethane-d4

Concen: 56.93 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

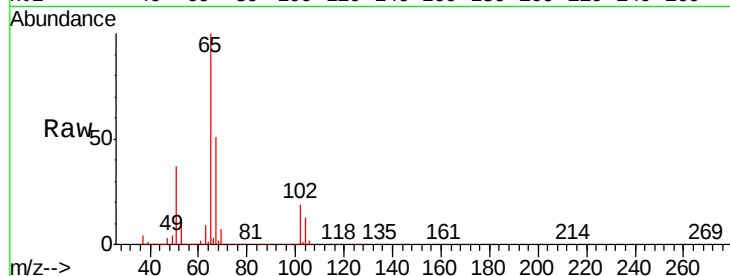
OR-02-112118-B

Tgt Ion: 65 Resp: 172274

Ion Ratio Lower Upper

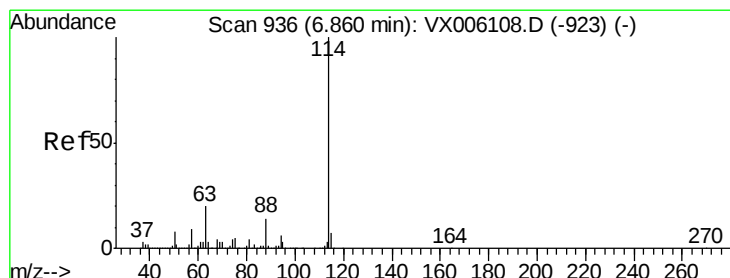
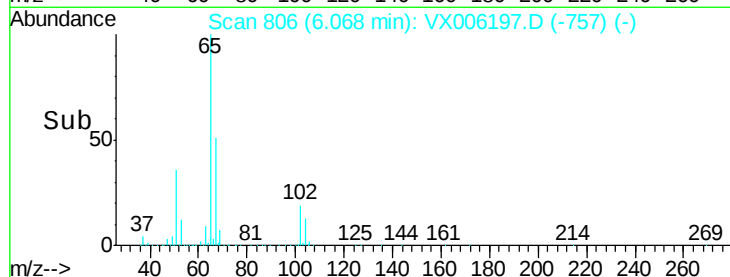
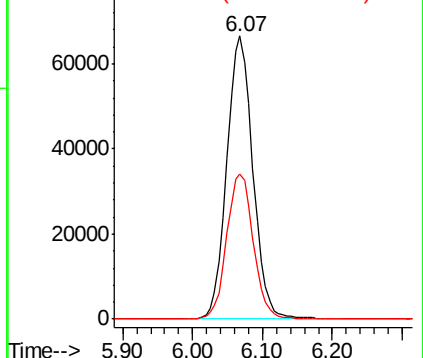
65 100

67 52.3 0.0 105.8



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

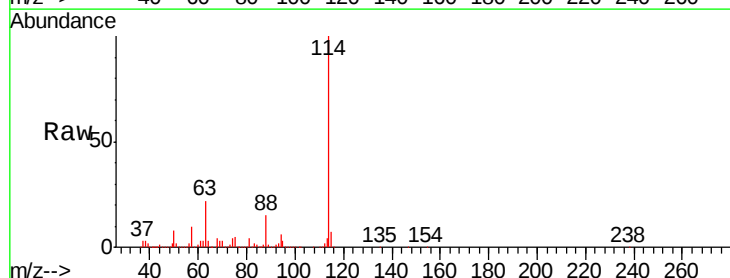
Tgt Ion: 114 Resp: 392390

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.2

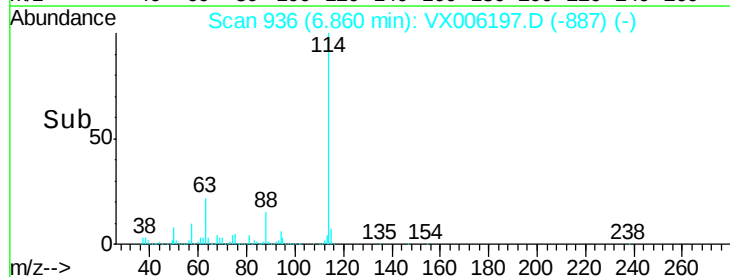
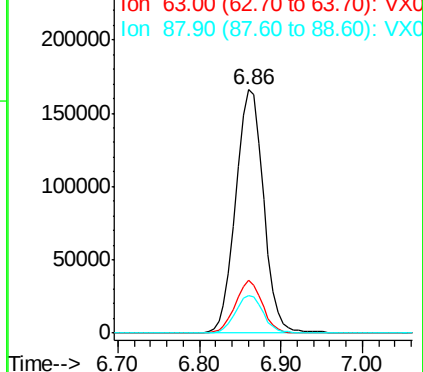
88 15.3 0.0 28.6

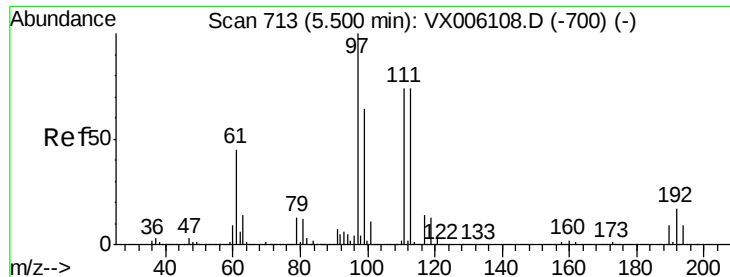


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.59 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

OR-02-112118-B

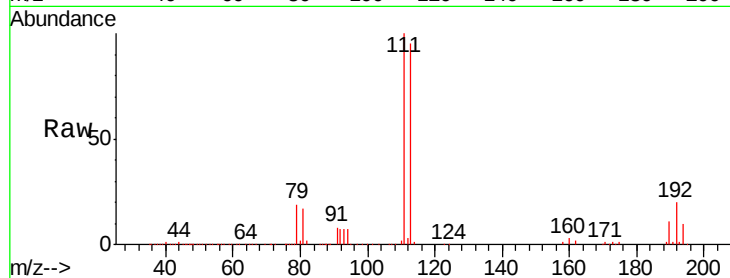
Tgt Ion:113 Resp: 137495

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

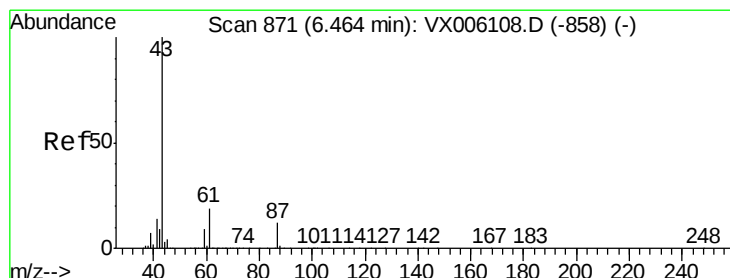
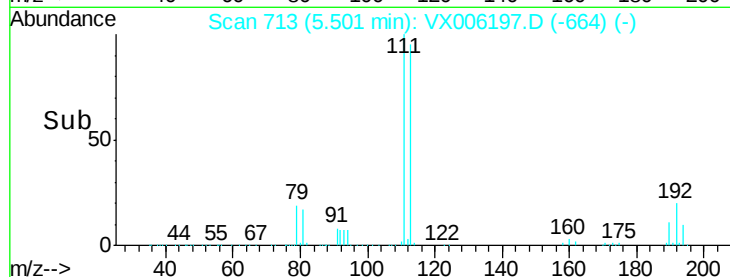
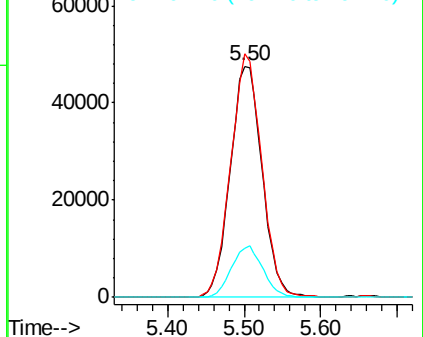
192 22.1 18.6 28.0



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: 2.24 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

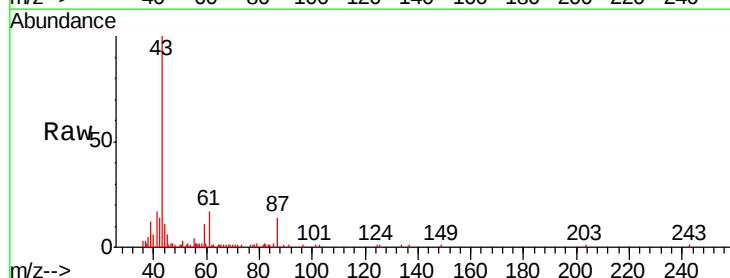
Tgt Ion: 43 Resp: 14841

Ion Ratio Lower Upper

43 100

61 21.0 15.2 22.8

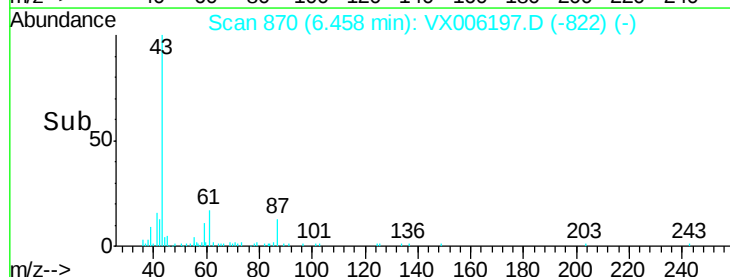
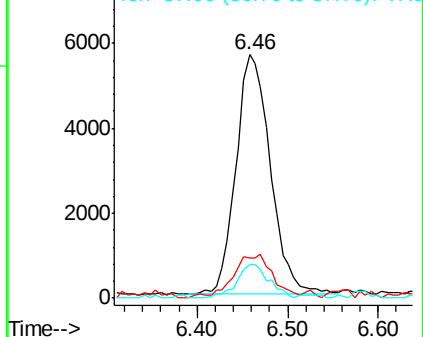
87 13.1 9.6 14.4

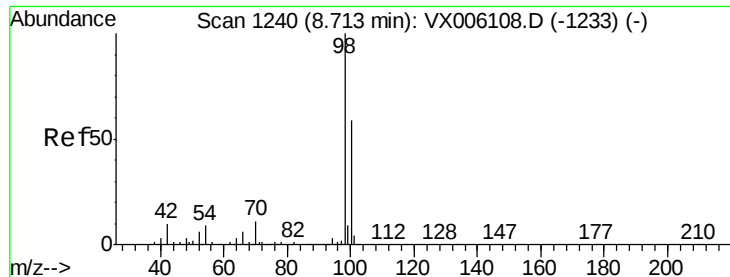


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 54.40 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

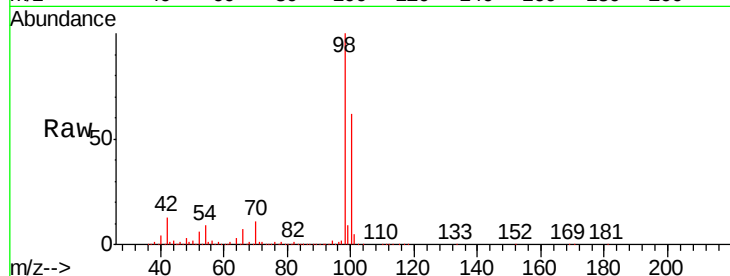
OR-02-112118-B

Tgt Ion: 98 Resp: 522660

Ion Ratio Lower Upper

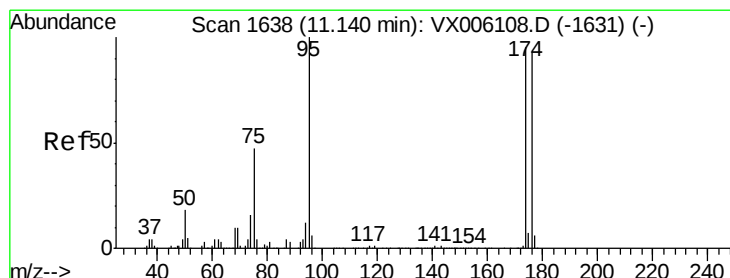
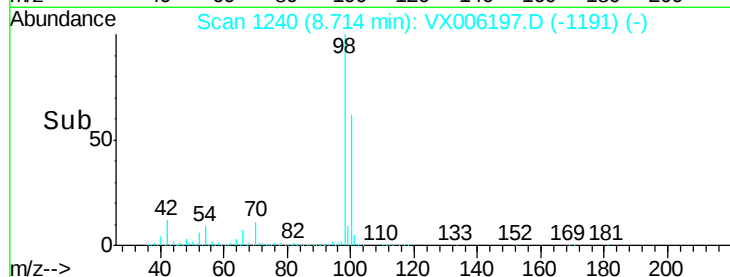
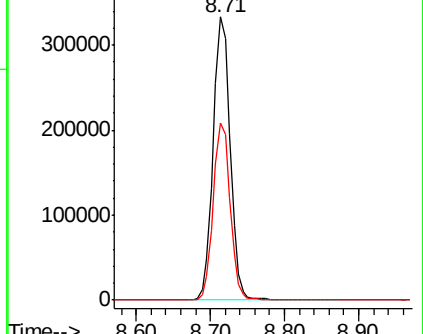
98 100

100 62.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.05 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

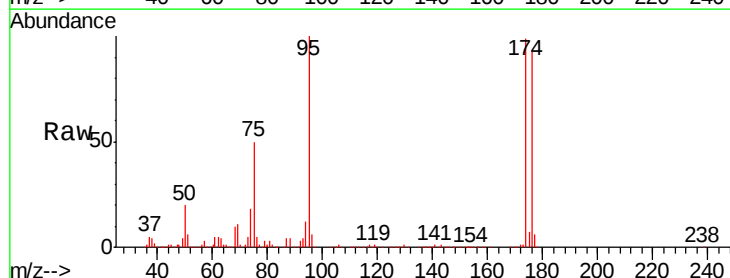
Tgt Ion: 95 Resp: 169594

Ion Ratio Lower Upper

95 100

174 94.2 0.0 184.4

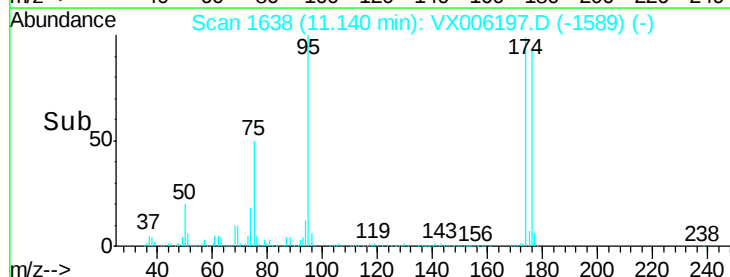
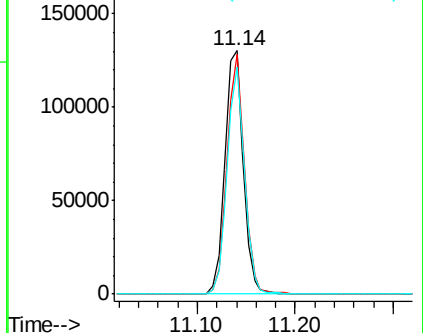
176 89.0 0.0 179.0

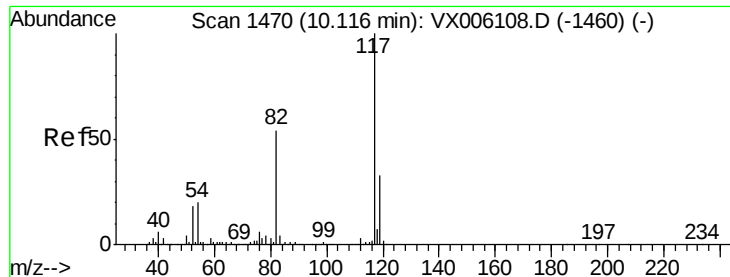


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

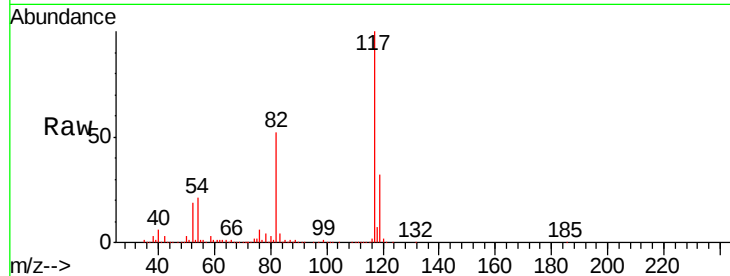




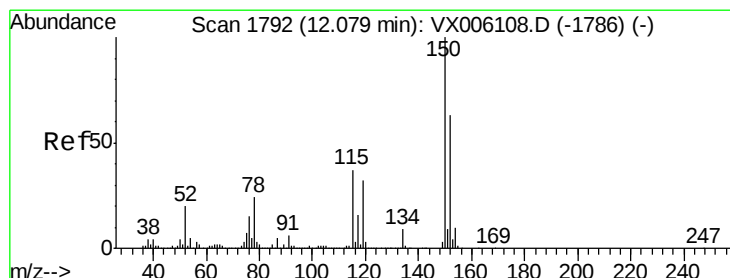
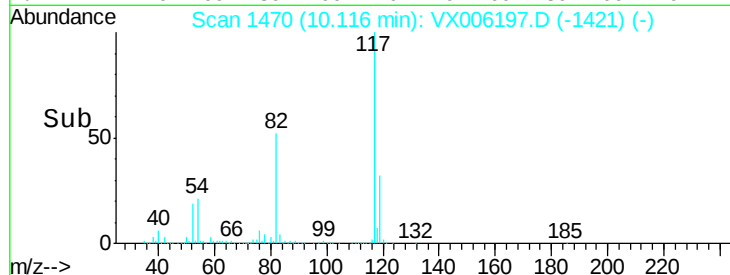
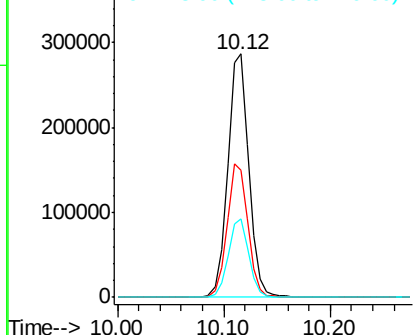
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

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

Tgt Ion:117 Resp: 395224
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.0 26.1 39.1

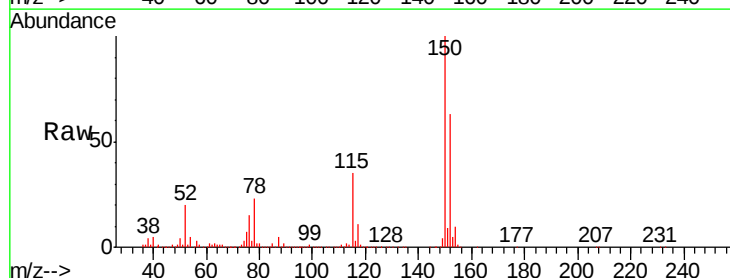


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

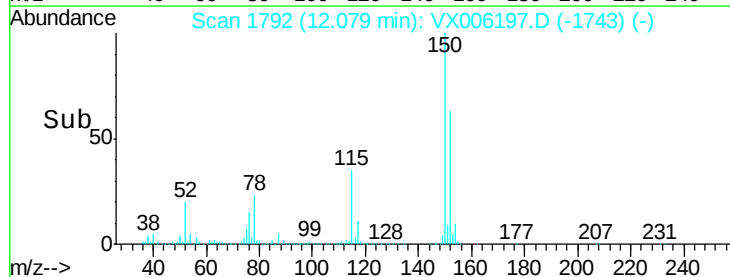
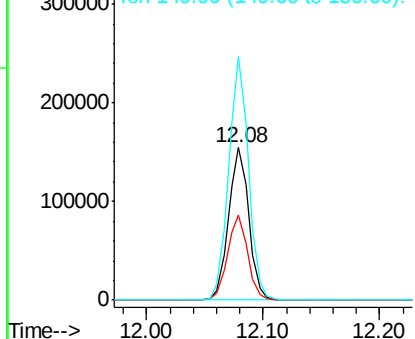


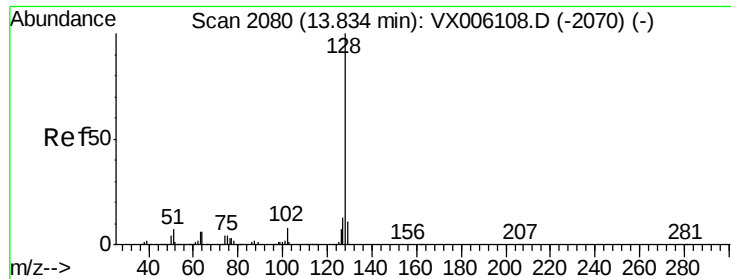
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006197.D
Acq: 27 Nov 2018 01:51

Tgt Ion:152 Resp: 185477
Ion Ratio Lower Upper
152 100
115 55.2 39.0 116.9
150 157.2 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: 3.31 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006197.D

Acq: 27 Nov 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

OR-02-112118-B

Tgt Ion:128 Resp: 40575

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

129 12.6 8.8 13.2

