

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006203.D
 Acq On : 27 Nov 2018 04:31
 Operator : JC/MD
 Sample : PB115023ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#06

Quant Time: Nov 27 05:04:37 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	265663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185275	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	174794	56.78	ug/l	0.00
Spiked Amount			Recovery	=	113.56%	
35) Dibromofluoromethane	5.50	113	137916	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	
50) Toluene-d8	8.71	98	514632	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.14	95	169422	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	

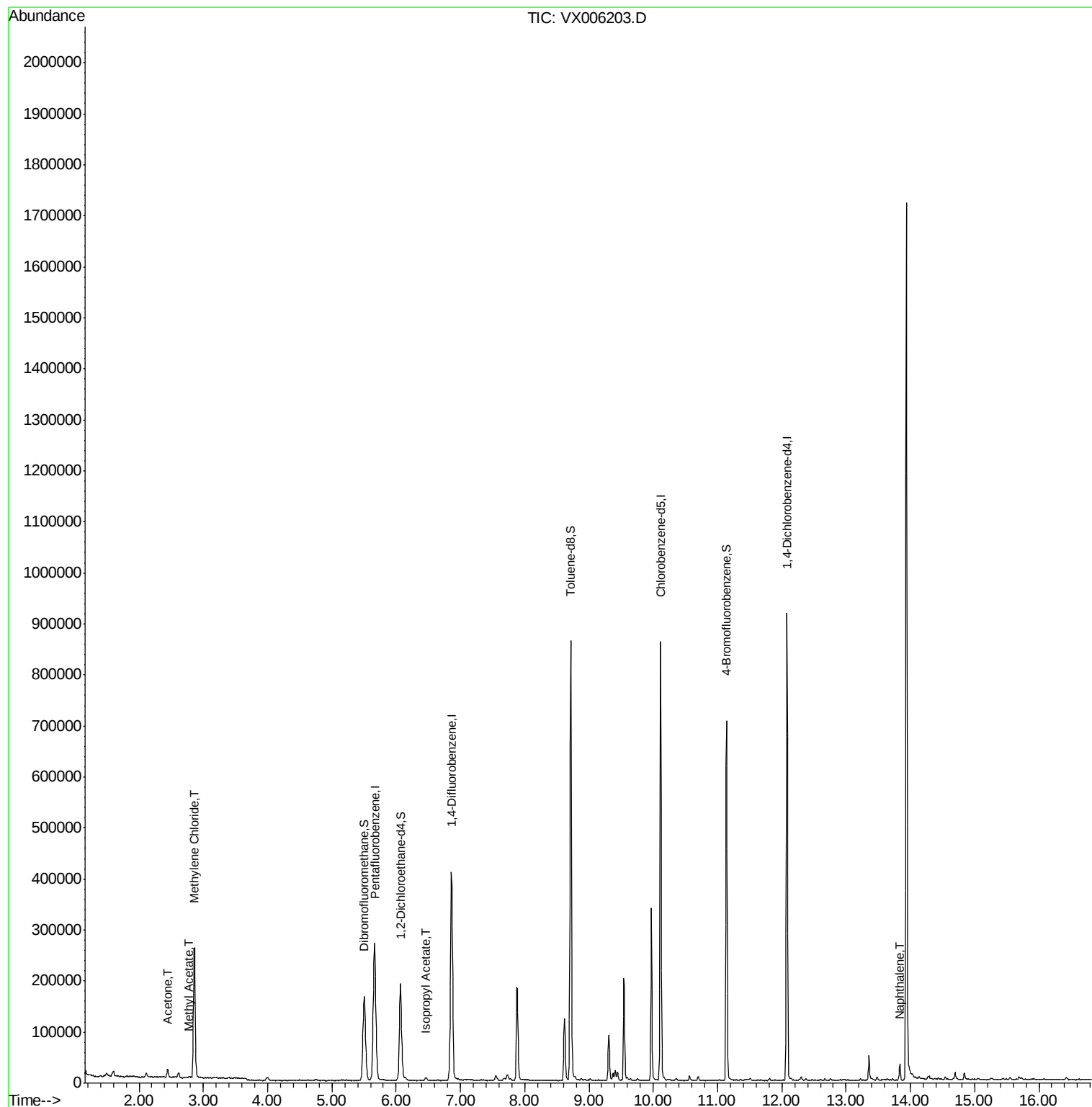
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	17644	12.916	ug/l	93
18) Methyl Acetate	2.78	43	3715	1.061	ug/l #	74
20) Methylene Chloride	2.86	84	115248	55.781	ug/l	95
43) Isopropyl Acetate	6.46	43	7042	1.035	ug/l #	96
95) Naphthalene	13.83	128	19218	1.567	ug/l	97

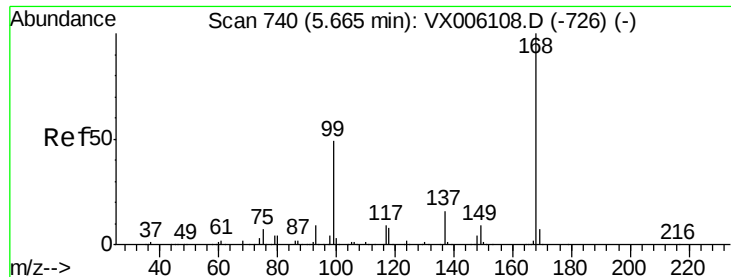
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

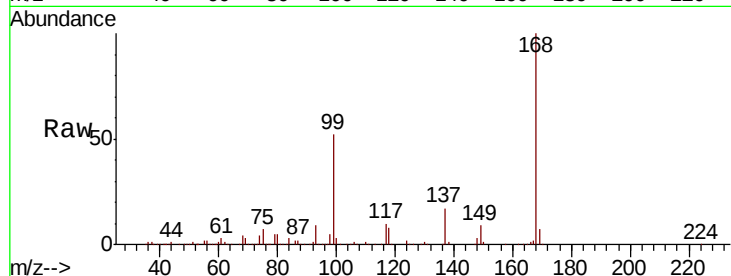
PB115023ZHE#06

Tot Ion:168 Resp: 265663

Ion Ratio Lower Upper

168 100

99 51.7 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

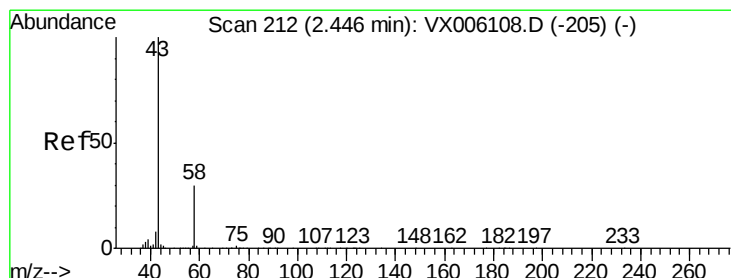
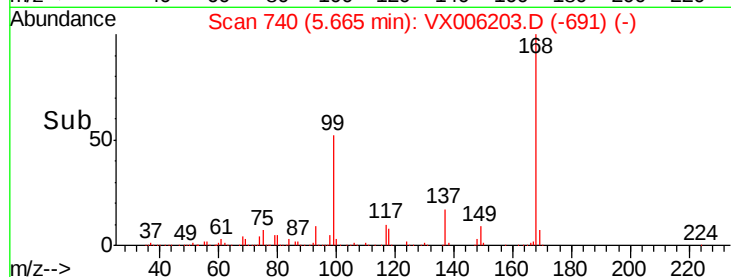
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.916 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006203.D

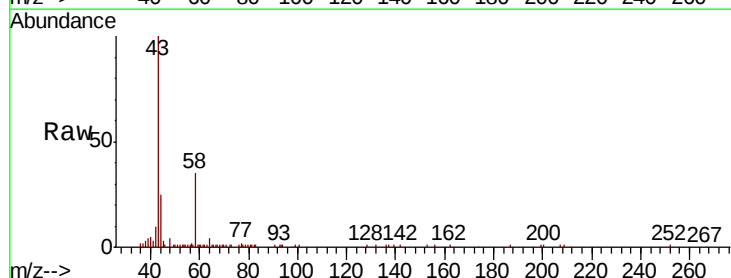
Acq: 27 Nov 2018 04:31

Tgt Ion: 43 Resp: 17644

Ion Ratio Lower Upper

43 100

58 33.4 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

12000

10000

8000

6000

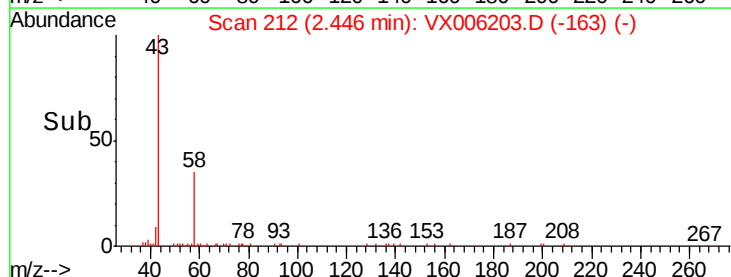
4000

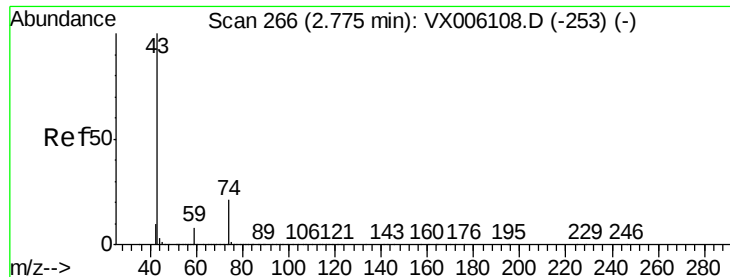
2000

0

Time-->

2.35 2.40 2.45 2.50

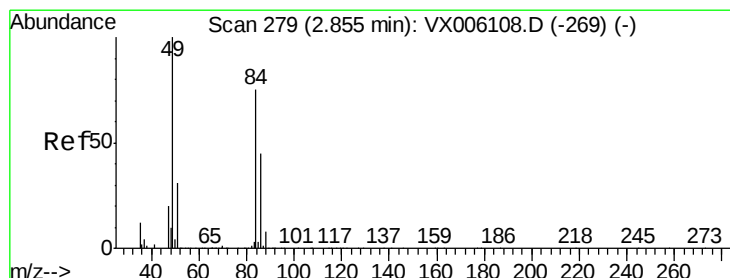
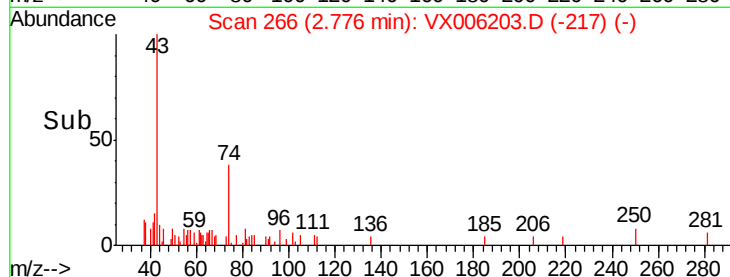
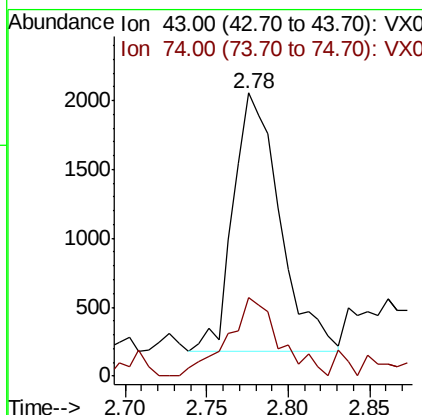
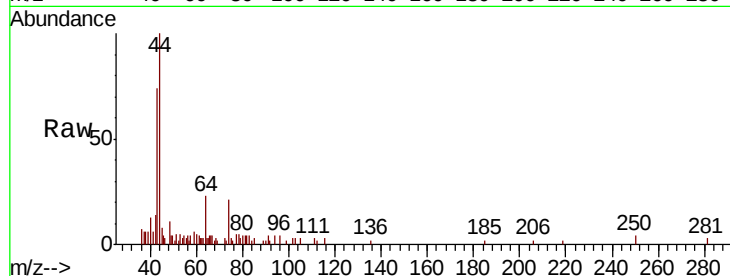




#18
Methvl Acetate
Concen: 1.061 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

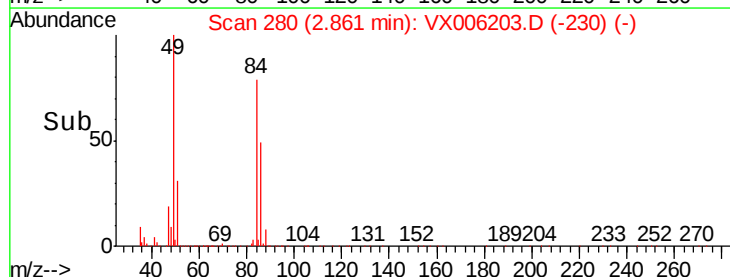
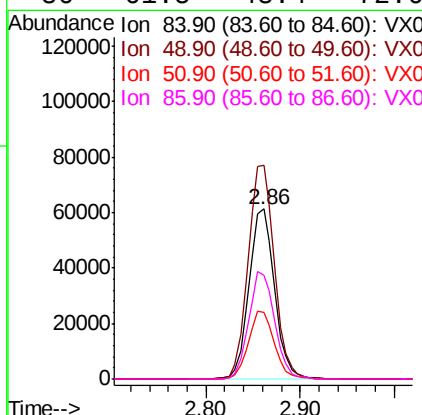
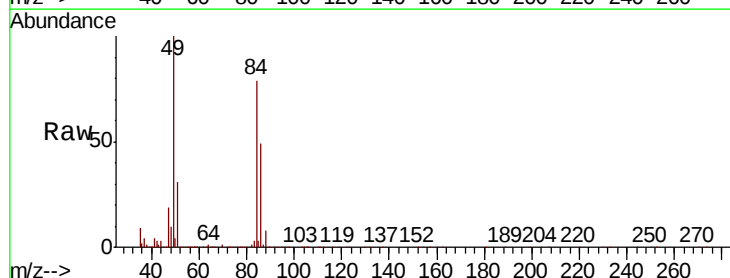
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#06

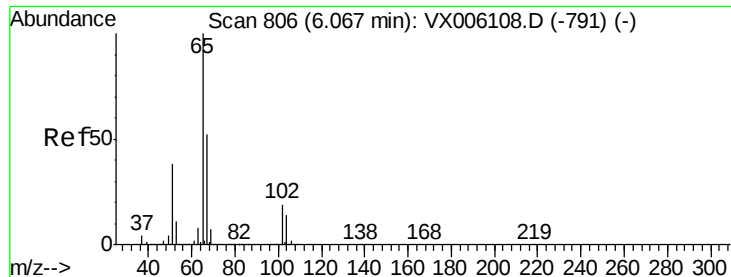
Tot Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
74 33.7 17.3 25.9#



#20
Methylene Chloride
Concen: 55.781 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 84 Resp: 115248
Ion Ratio Lower Upper
84 100
49 125.7 106.6 159.8
51 38.7 32.6 49.0
86 61.5 48.4 72.6





#33

1,2-Dichloroethane-d4

Concen: 56.782 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

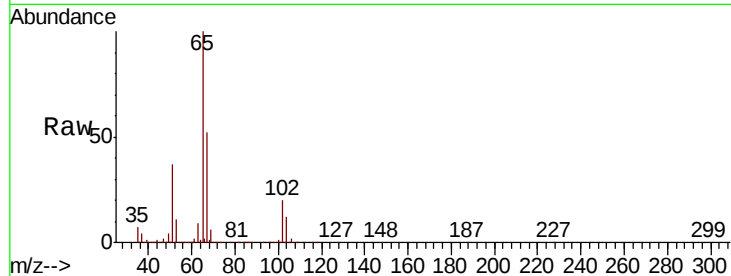
PB115023ZHE#06

Tot Ion: 65 Resp: 174794

Ion Ratio Lower Upper

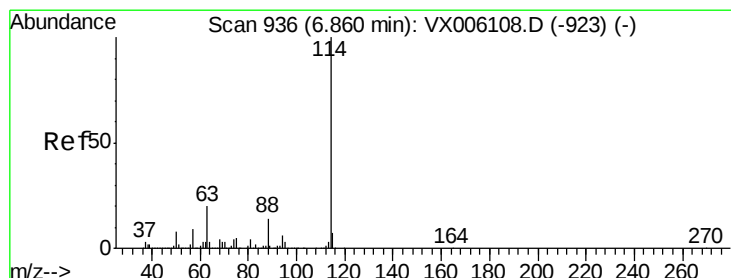
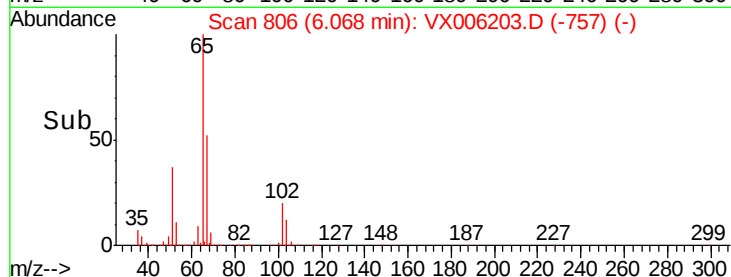
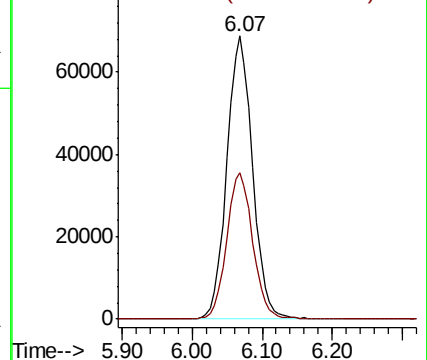
65 100

67 52.6 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: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

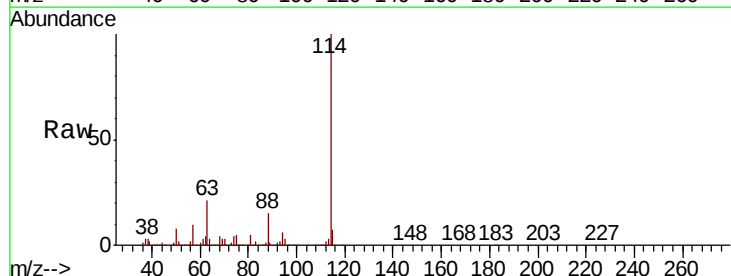
Tgt Ion: 114 Resp: 402691

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

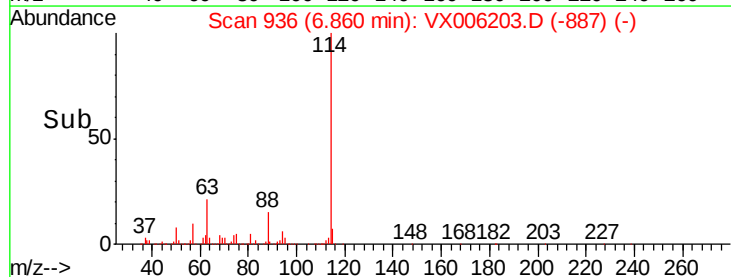
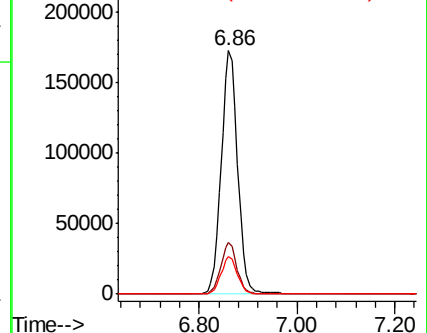
88 15.4 0.0 28.6

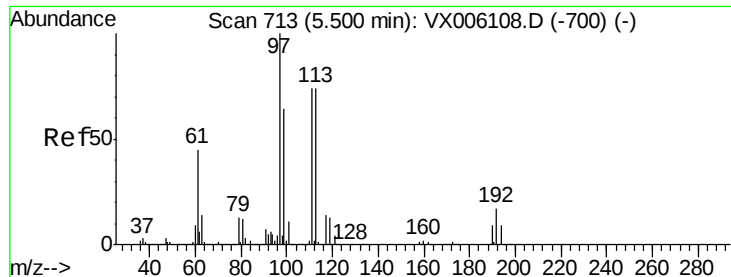


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.354 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#06

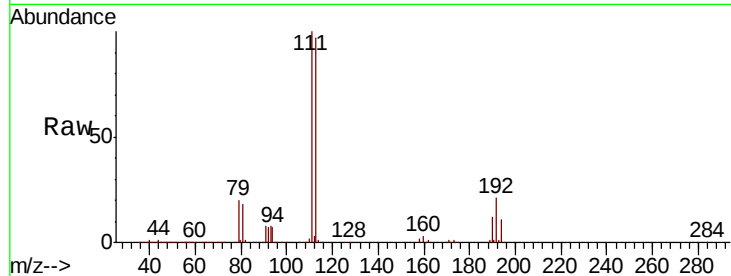
Tot Ion:113 Resp: 137916

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

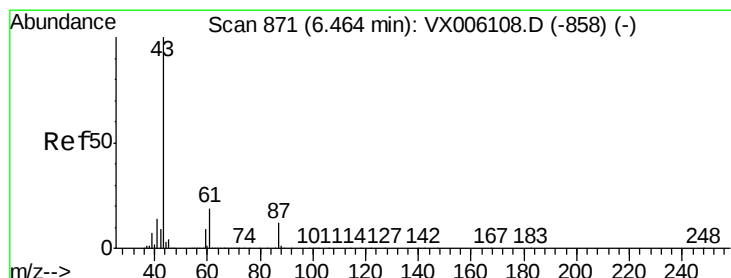
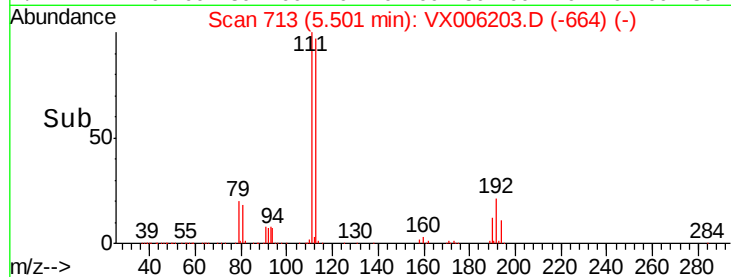
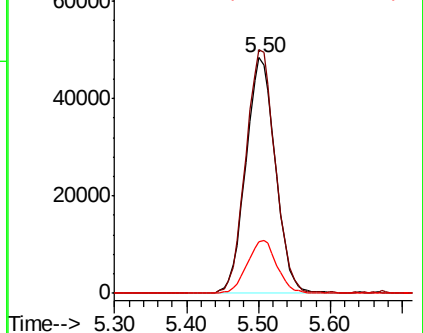
192 22.5 18.6 28.0



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: 1.035 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

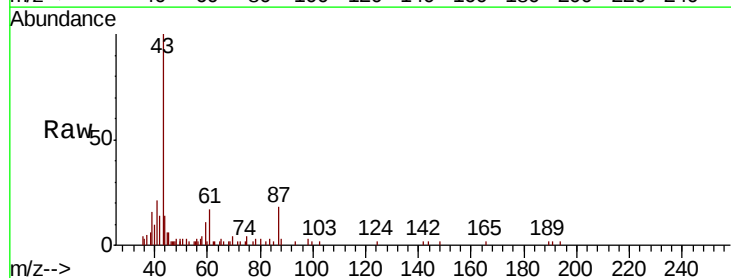
Tgt Ion: 43 Resp: 7042

Ion Ratio Lower Upper

43 100

61 18.7 15.2 22.8

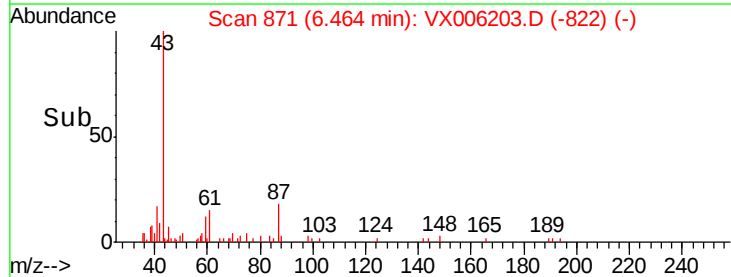
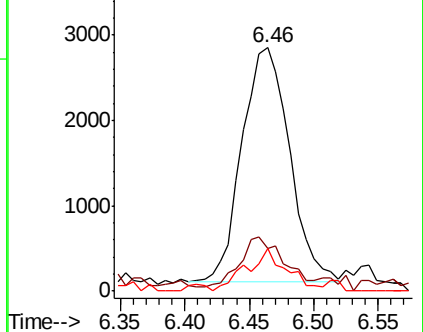
87 15.3 9.6 14.4#

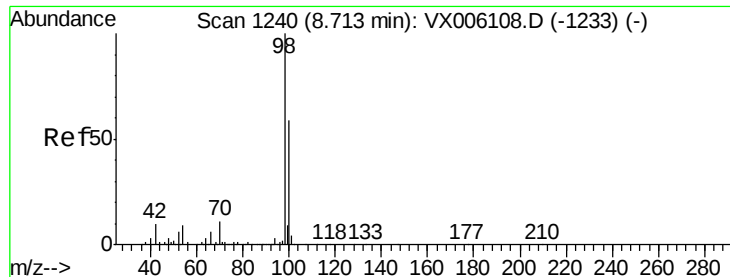


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.197 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

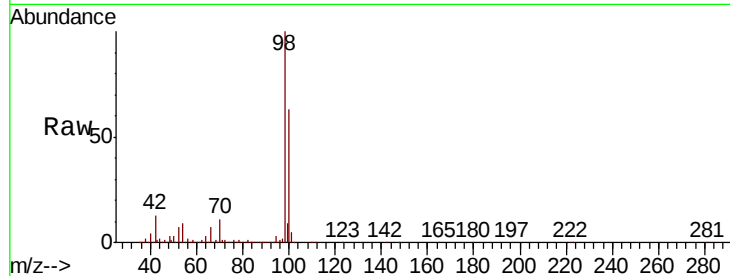
PB115023ZHE#06

Tot Ion: 98 Resp: 514632

Ion Ratio Lower Upper

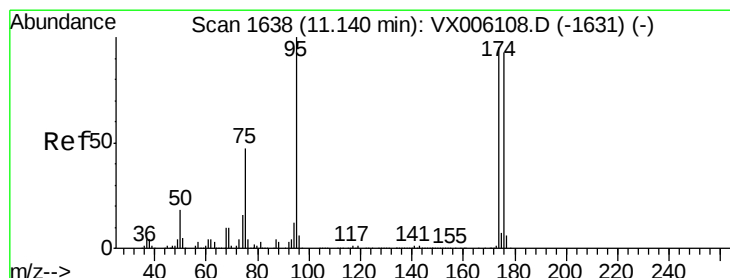
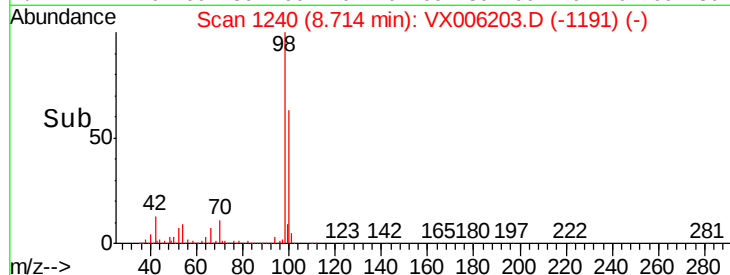
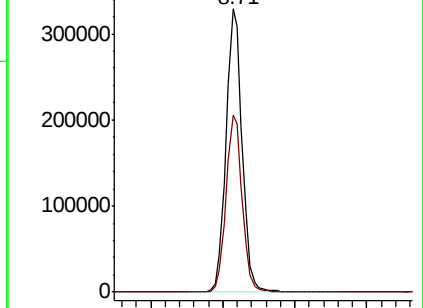
98 100

100 62.8 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 45.799 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

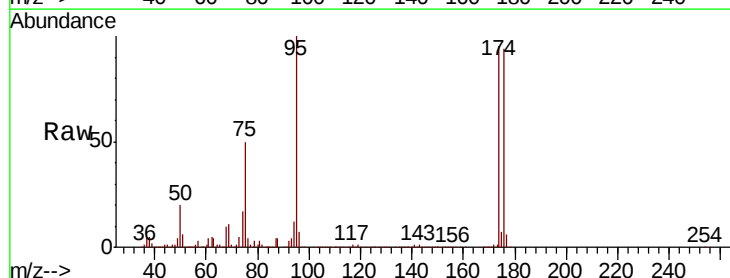
Tgt Ion: 95 Resp: 169422

Ion Ratio Lower Upper

95 100

174 92.3 0.0 184.4

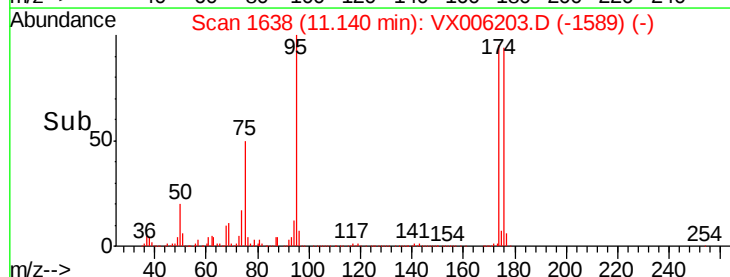
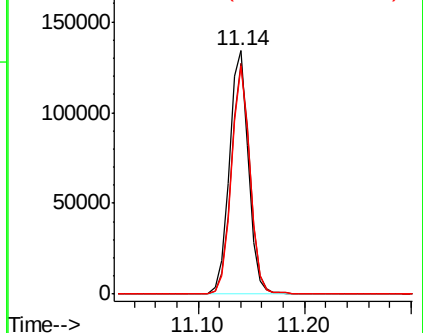
176 90.6 0.0 179.0

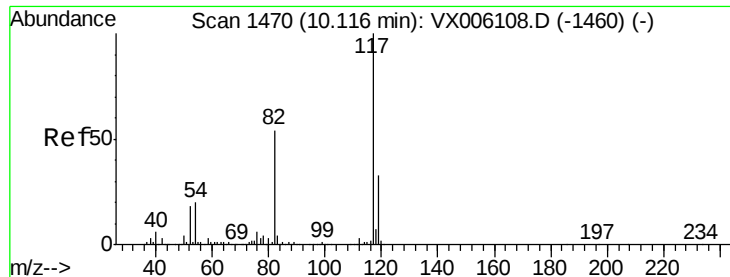


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

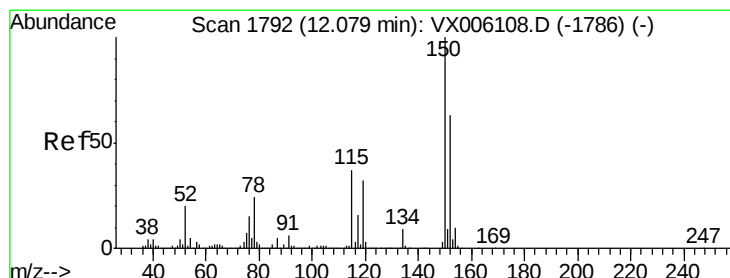
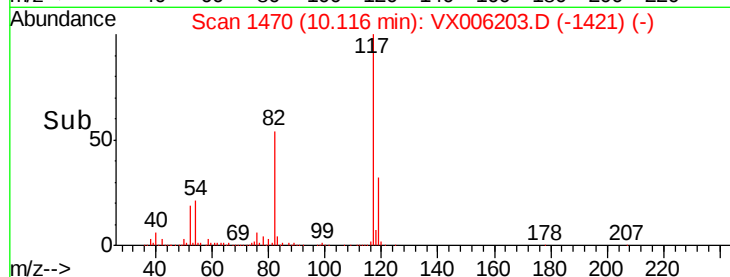
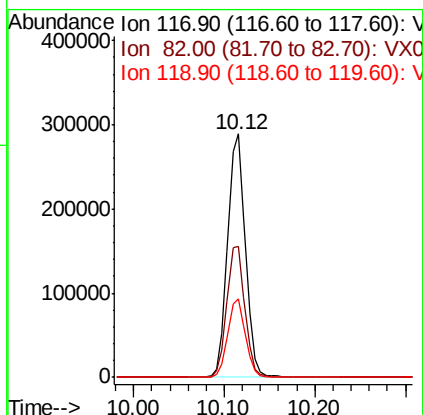
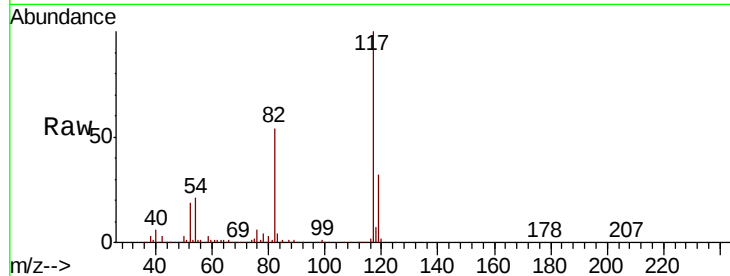




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

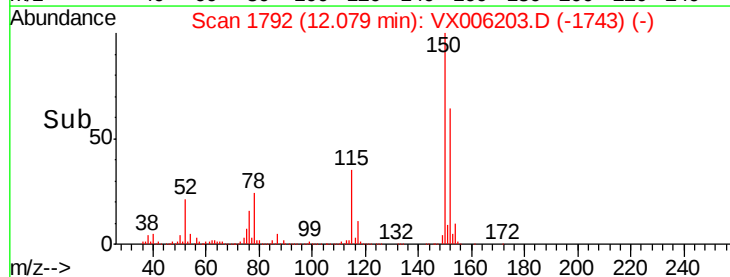
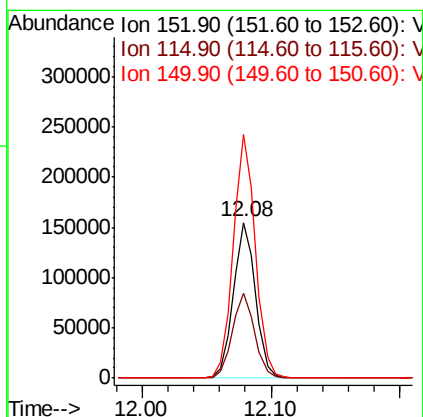
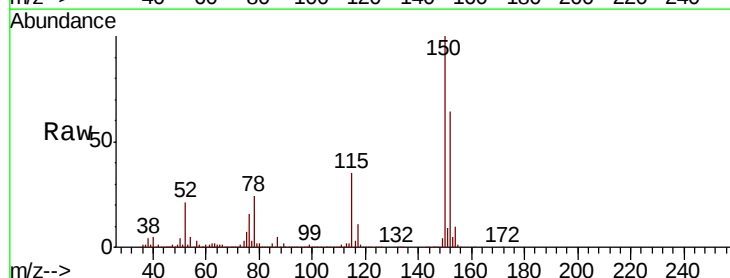
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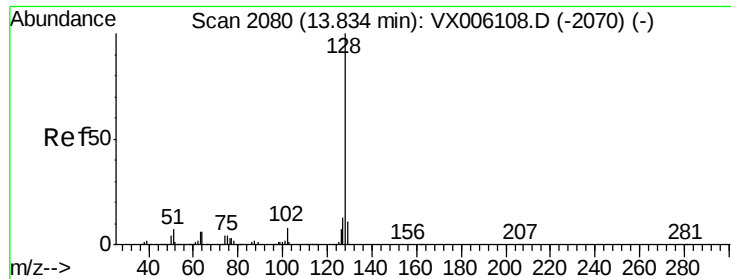
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	32.2	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.0	116.9
150	156.4	0.0	346.6





#95

Naphthalene

Concen: 1.567 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#06

Tot Ion:128 Resp: 19218

Ion Ratio Lower Upper

128 100

127 14.6 10.6 15.8

129 11.6 8.8 13.2

