

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006474.D
 Acq On : 13 Dec 2018 05:06
 Operator : JC/MD
 Sample : J6344-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-200027

Quant Time: Dec 13 07:45:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

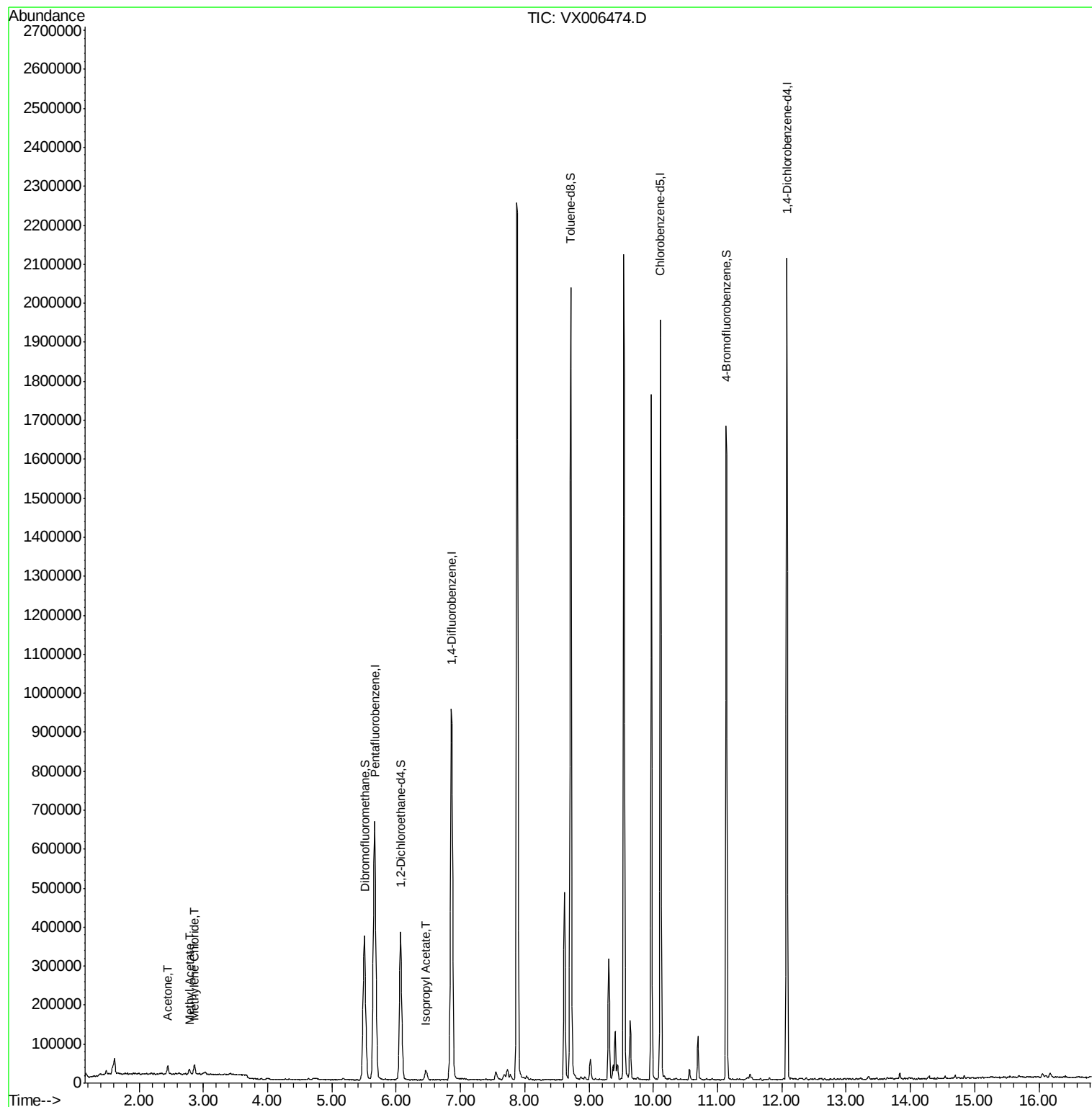
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	673931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1045410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	962904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	457429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	354555	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
35) Dibromofluoromethane	5.51	113	313970	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	8.71	98	1240220	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	454262	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
16) Acetone	2.45	43	22756	7.048	ug/l #	86
18) Methyl Acetate	2.78	43	16423	1.521	ug/l	93
20) Methylene Chloride	2.86	84	11945	1.738	ug/l #	88
43) Isopropyl Acetate	6.46	43	30787	1.873	ug/l #	94

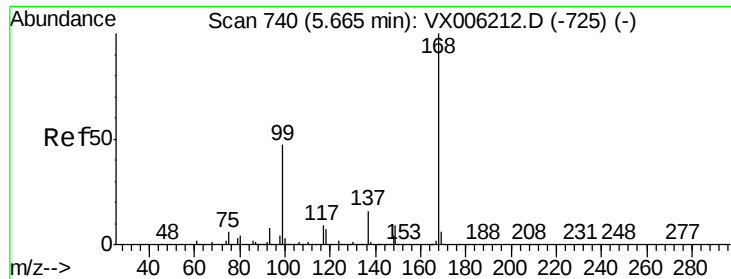
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006474.D

Acq: 13 Dec 2018 05:06

Instrument :

MSVOA_X

ClientSampled :

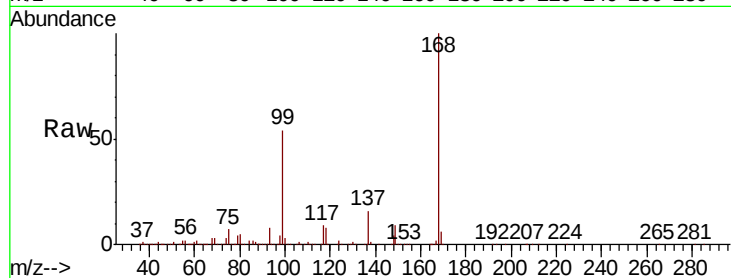
RBR-200027

Tot Ion:168 Resp: 673931

Ion Ratio Lower Upper

168 100

99 54.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

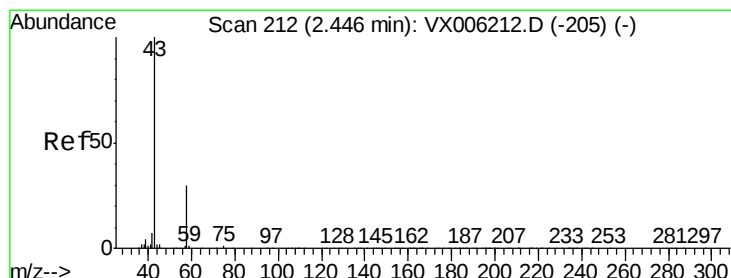
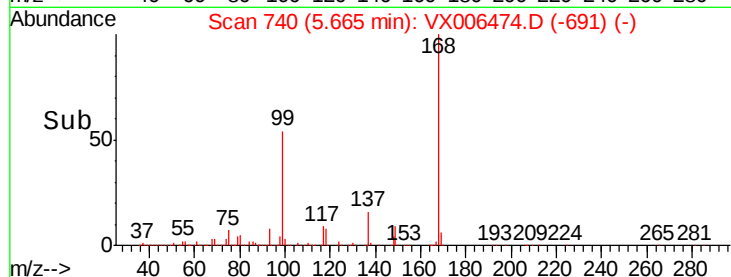
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.048 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006474.D

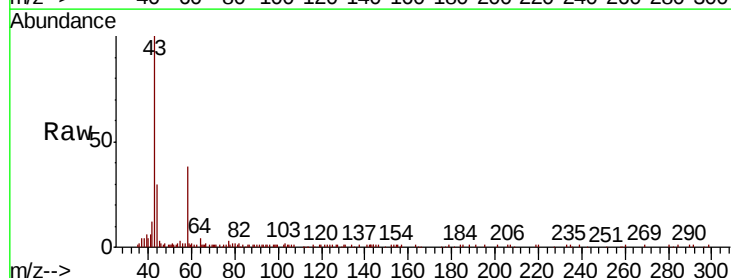
Acq: 13 Dec 2018 05:06

Tgt Ion: 43 Resp: 22756

Ion Ratio Lower Upper

43 100

58 37.6 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

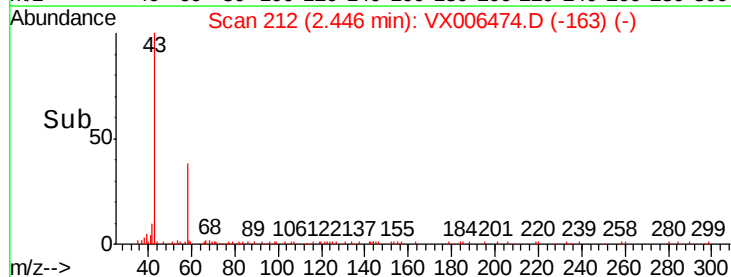
15000

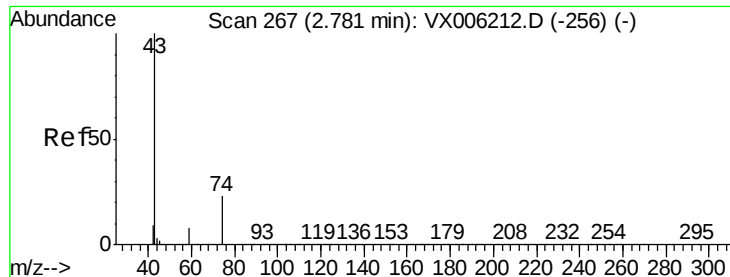
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

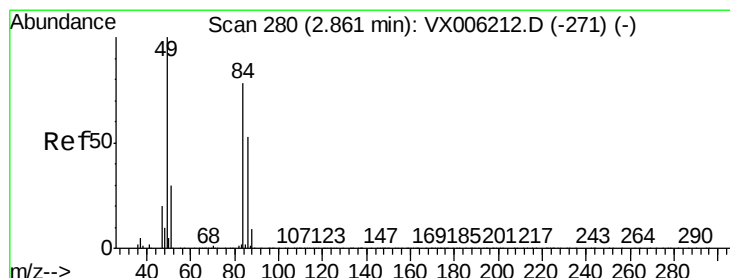
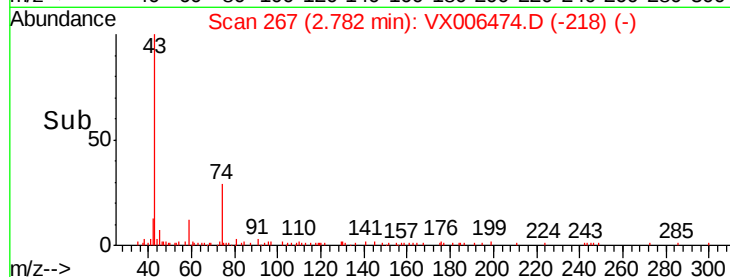
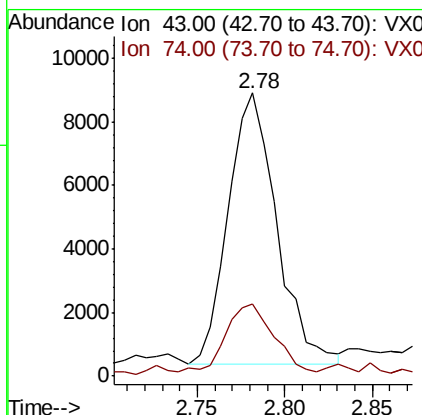
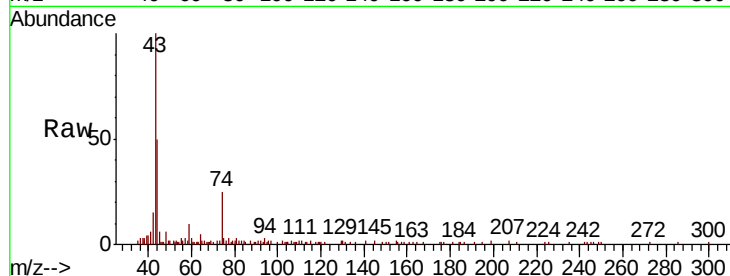




#18
Methyl Acetate
Concen: 1.521 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006474.D
Acq: 13 Dec 2018 05:06

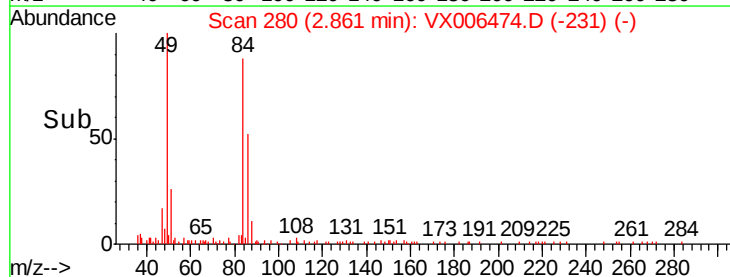
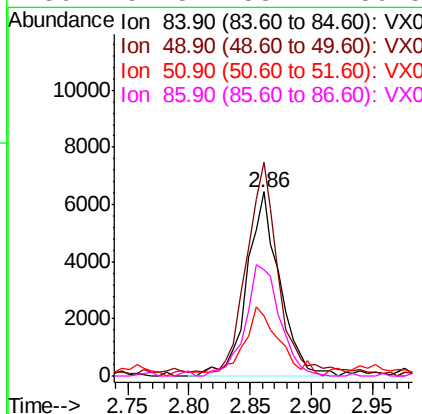
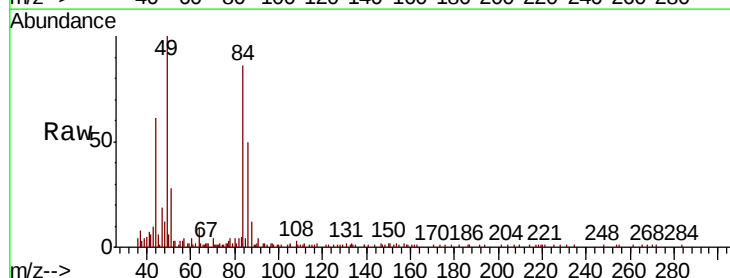
Instrument :
MSVOA_X
ClientSampleId :
RBR-200027

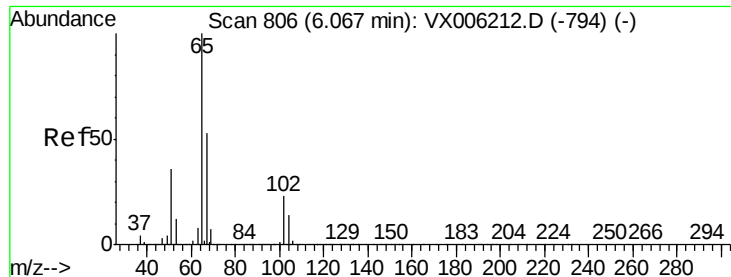
Tot Ion: 43 Resp: 16423
Ion Ratio Lower Upper
43 100
74 25.8 17.9 26.9



#20
Methylene Chloride
Concen: 1.738 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006474.D
Acq: 13 Dec 2018 05:06

Tgt Ion: 84 Resp: 11945
Ion Ratio Lower Upper
84 100
49 113.6 102.2 153.4
51 30.2 31.1 46.7#
86 57.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.536 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006474.D

Acq: 13 Dec 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

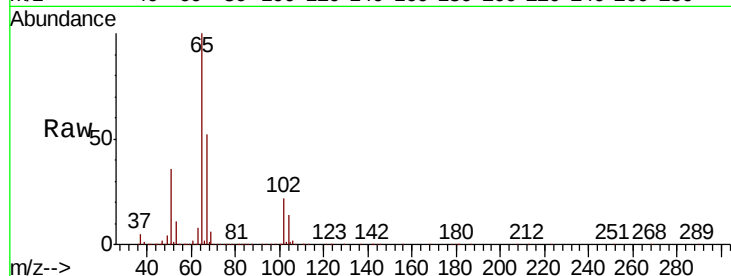
RBR-200027

Tot Ion: 65 Resp: 354555

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

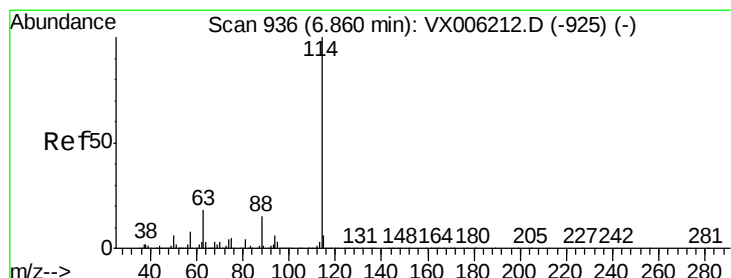
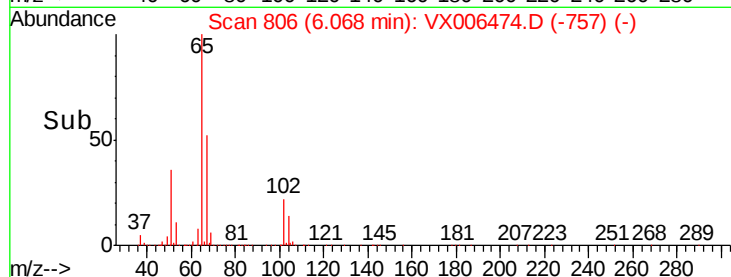
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006474.D

Acq: 13 Dec 2018 05:06

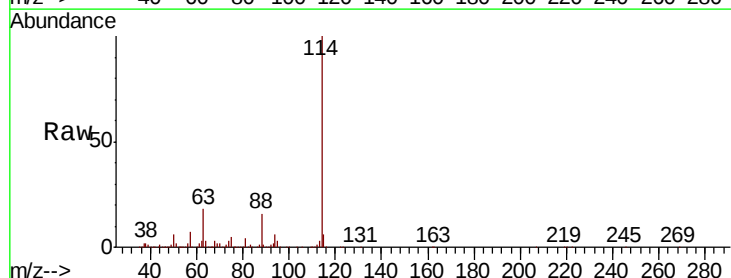
Tgt Ion: 114 Resp: 1045410

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

88 15.6 0.0 29.0



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

600000

500000

400000

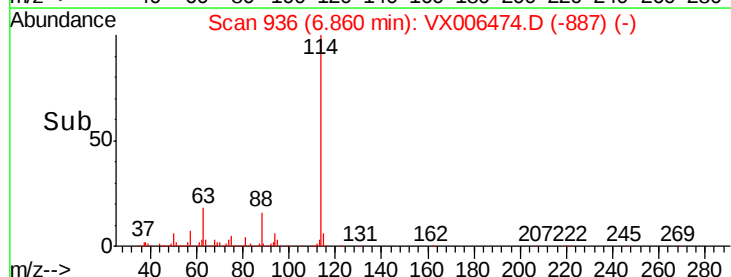
300000

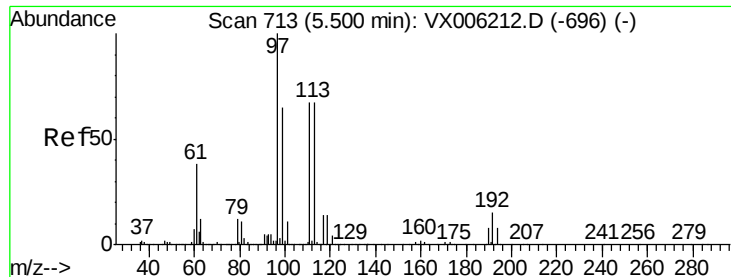
200000

100000

0

Time-->

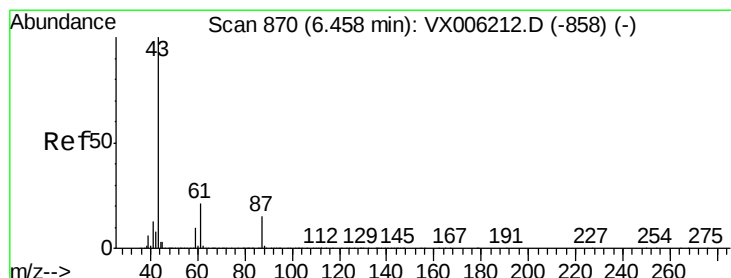
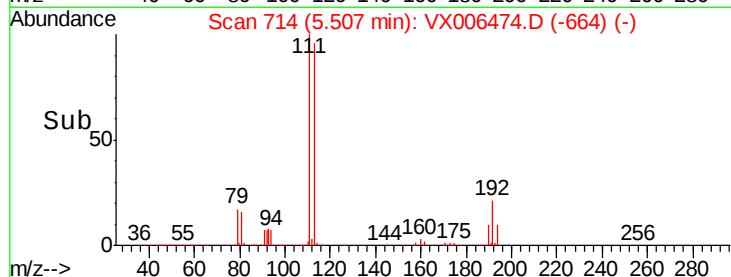
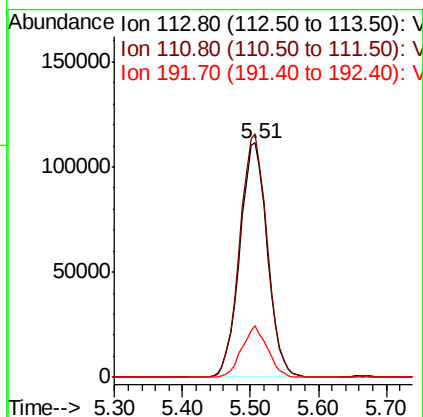
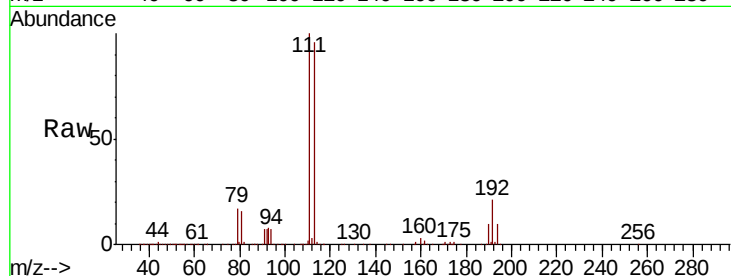




#35
Dibromofluoromethane
Concen: 46.386 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006474.D
Acq: 13 Dec 2018 05:06

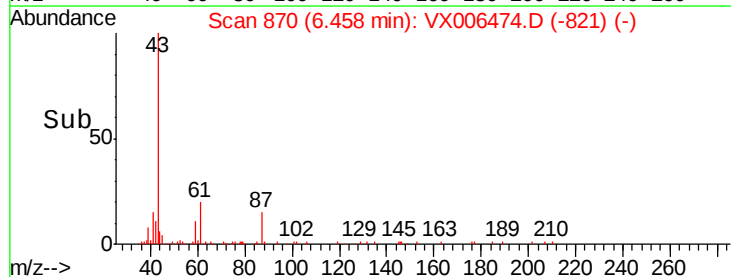
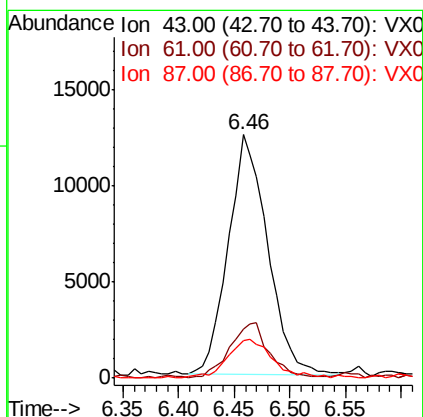
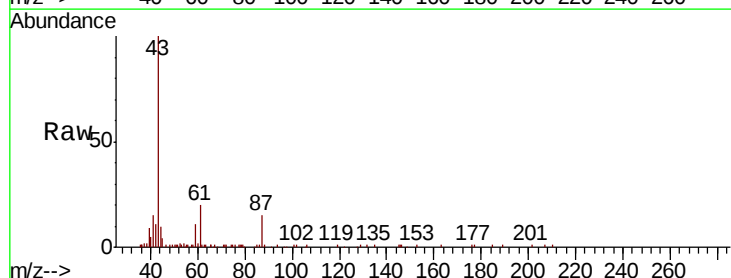
Instrument :
MSVOA_X
ClientSampleId :
RBR-200027

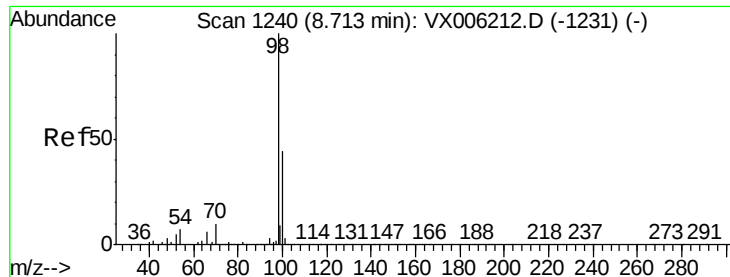
Tot Ion:113 Resp: 313970
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 20.7 18.2 27.2



#43
Isopropyl Acetate
Concen: 1.873 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006474.D
Acq: 13 Dec 2018 05:06

Tgt Ion: 43 Resp: 30787
Ion Ratio Lower Upper
43 100
61 23.0 16.8 25.2
87 18.2 11.9 17.9#





#50

Toluene-d8

Concen: 50.374 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006474.D

Acq: 13 Dec 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

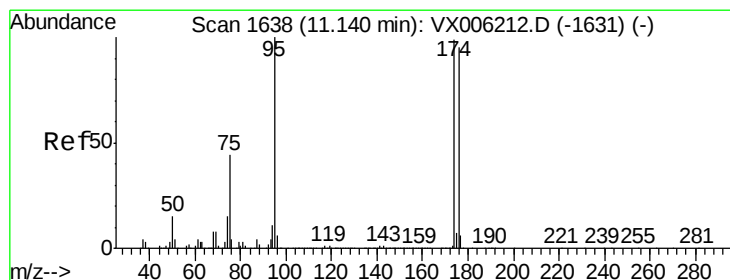
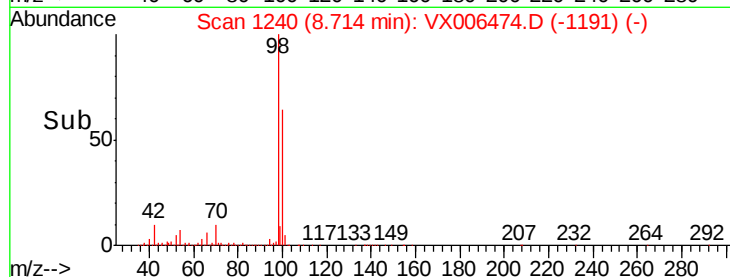
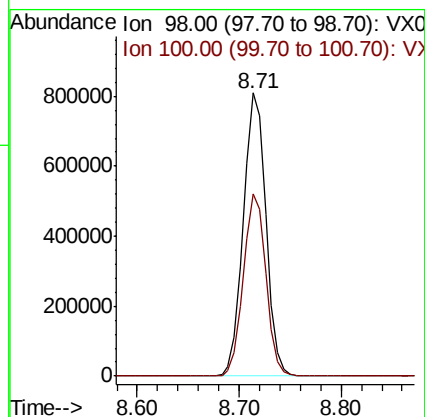
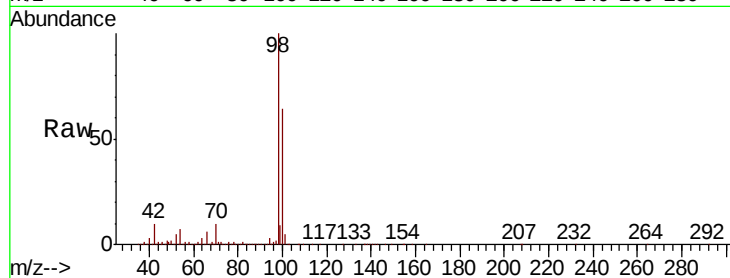
RBR-200027

Tot Ion: 98 Resp: 1240220

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.963 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006474.D

Acq: 13 Dec 2018 05:06

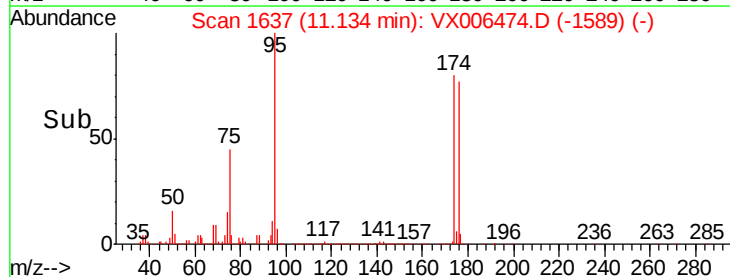
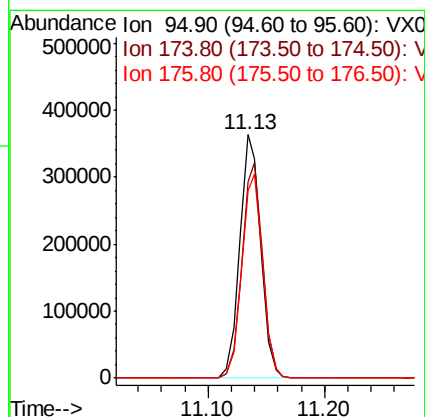
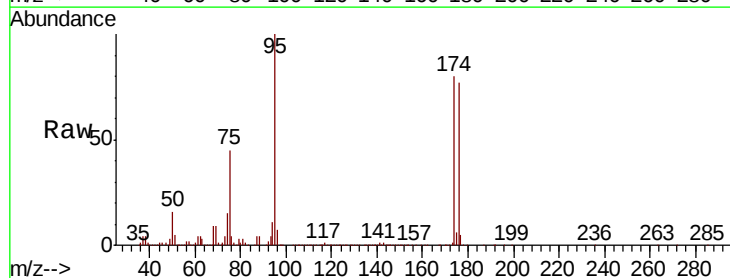
Tgt Ion: 95 Resp: 454262

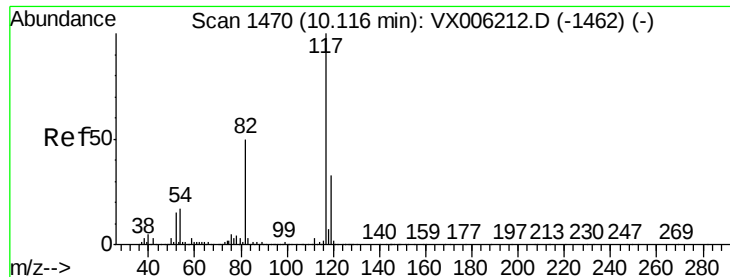
Ion Ratio Lower Upper

95 100

174 87.3 0.0 187.0

176 84.0 0.0 181.8

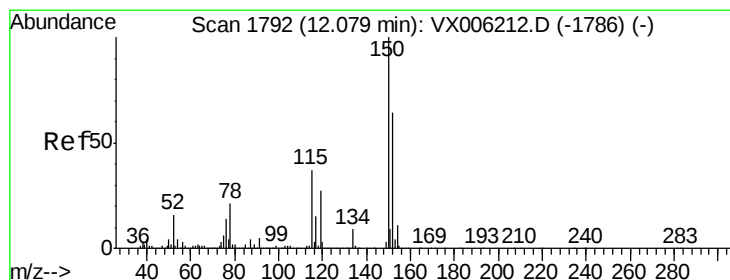
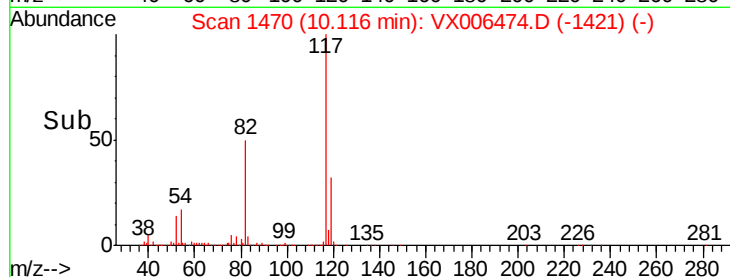
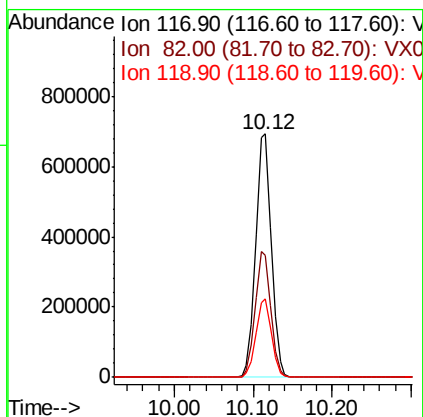
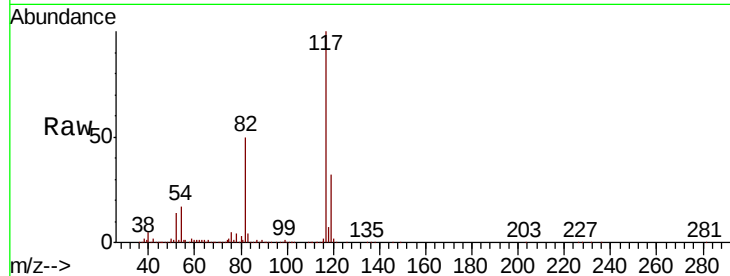




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006474.D
Acq: 13 Dec 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
RBR-200027

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	39.6	59.4
119	32.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006474.D
Acq: 13 Dec 2018 05:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.0	116.9
150	156.3	0.0	345.8

