

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002876.D
 Acq On : 25 Jun 2018 23:01
 Operator : JC/MD
 Sample : J3693-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-41

Quant Time: Jun 27 06:56:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177652	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	163083	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
35) Dibromofluoromethane	5.51	113	131044	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	8.72	98	472088	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.14	95	168043	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	

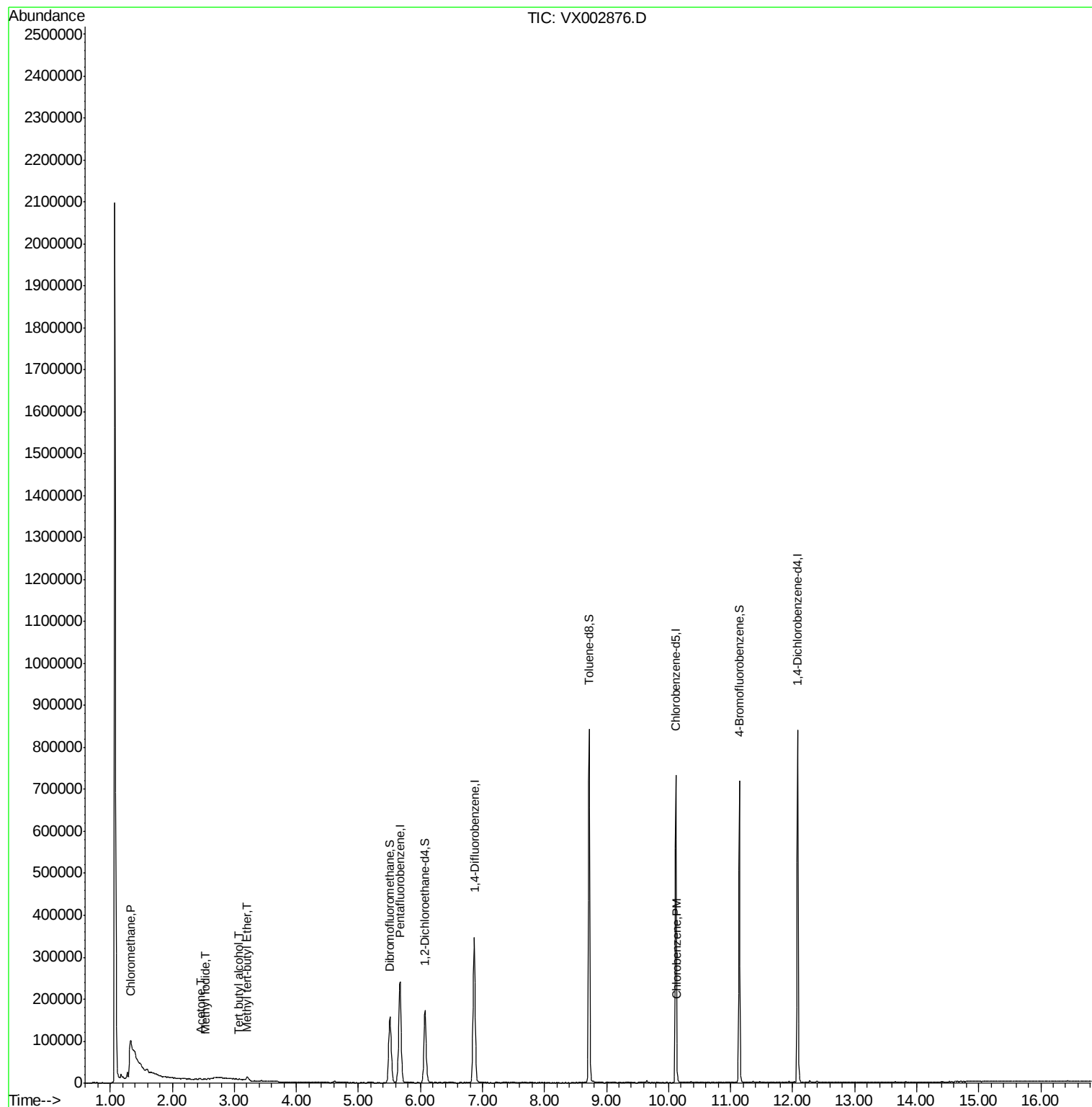
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	3522	0.41	ug/l #	60
10) Methyl Iodide	2.53	142	1714	6.79	ug/l #	89
11) Tert butyl alcohol	3.07	59	2476	3.78	ug/l #	92
16) Acetone	2.45	43	3184	2.34	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	9290	1.10	ug/l #	90
65) Chlorobenzene	10.14	112	3031	0.38	ug/l	99

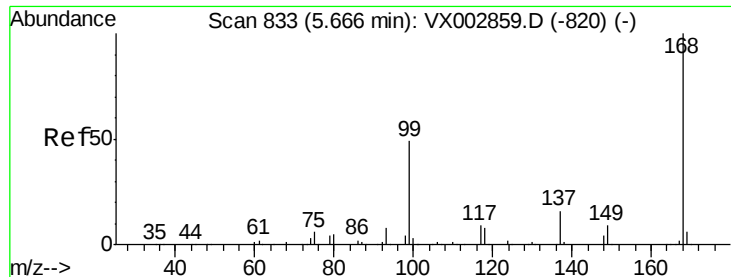
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002876.D

Acq: 25 Jun 2018 23:01

Instrument :

MSVOA_X

ClientSampleId :

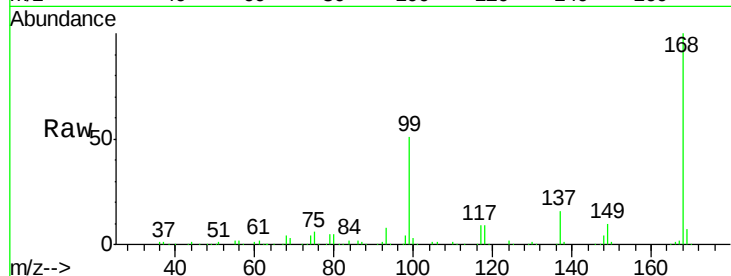
W-41

Tot Ion:168 Resp: 237977

Ion Ratio Lower Upper

168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

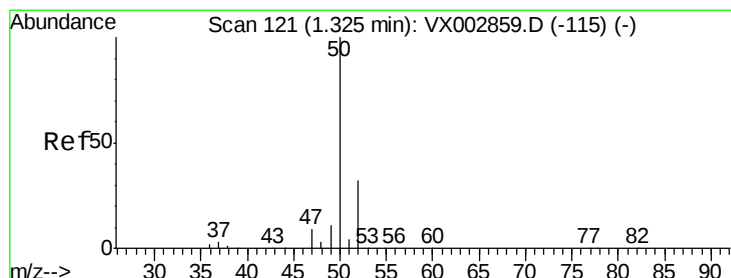
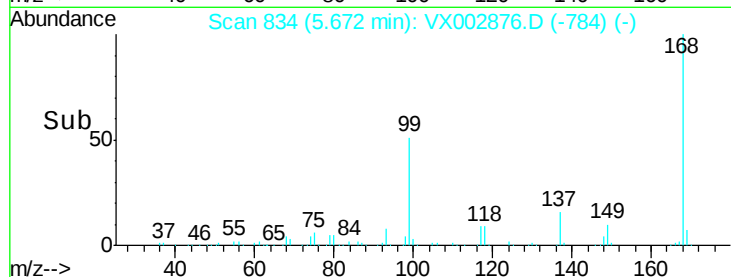
40000

20000

0

5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002876.D

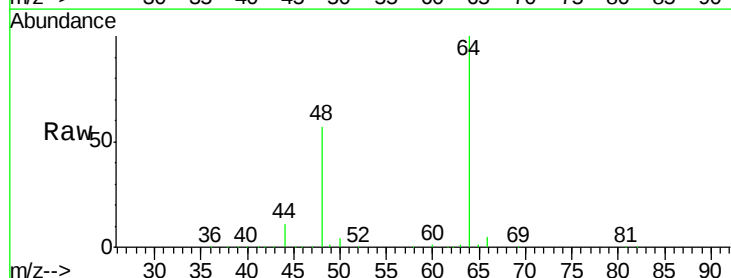
Acq: 25 Jun 2018 23:01

Tgt Ion: 50 Resp: 3522

Ion Ratio Lower Upper

50 100

52 9.8 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

2000

1500

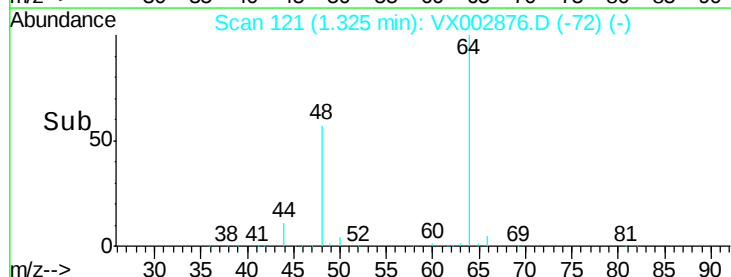
1000

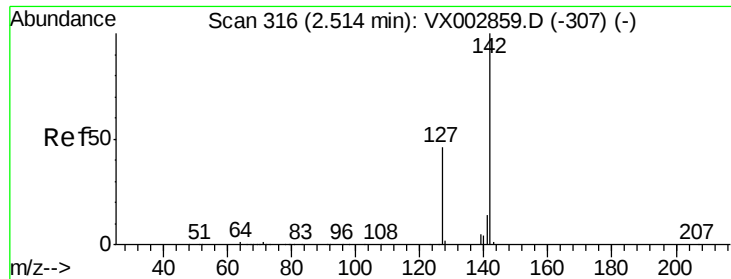
500

0

1.30 1.35

Time-->

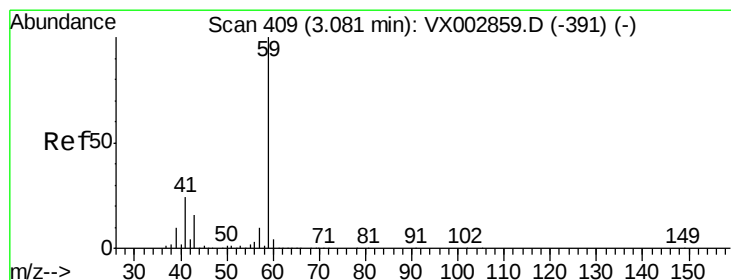
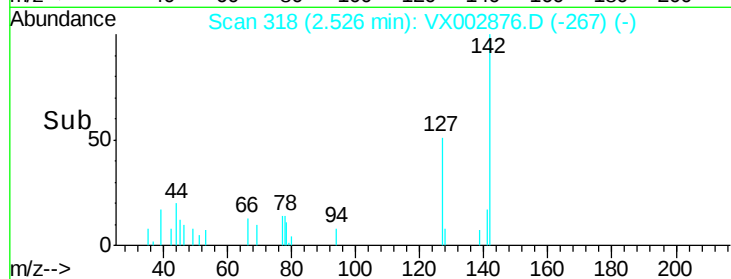
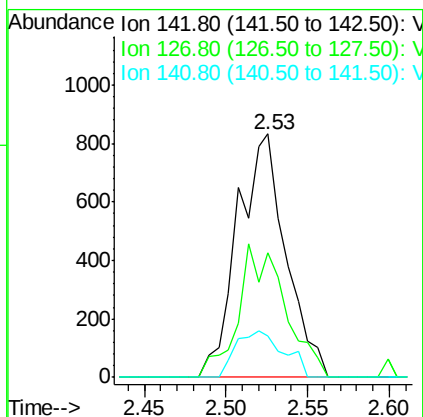
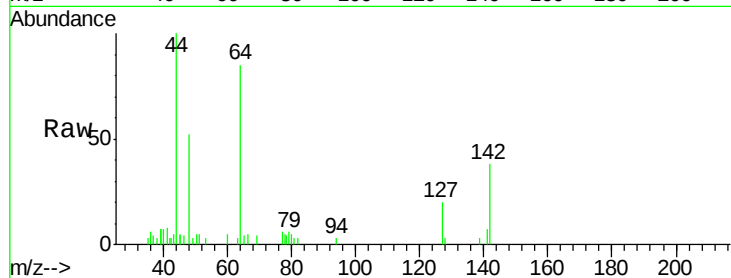




#10
Methyl Iodide
Concen: 6.79 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002876.D
Acq: 25 Jun 2018 23:01

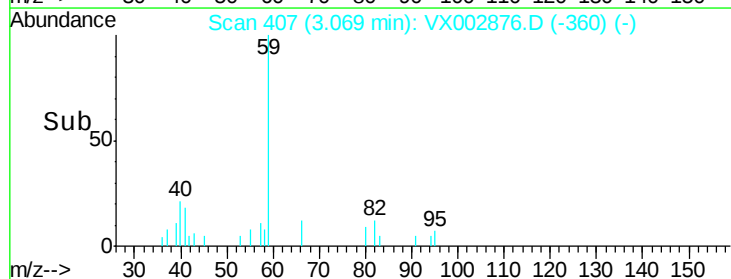
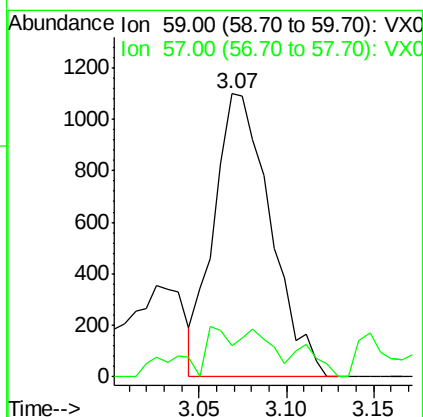
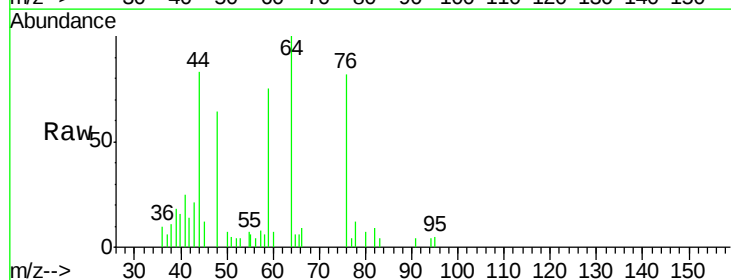
Instrument :
MSVOA_X
ClientSampled :
W-41

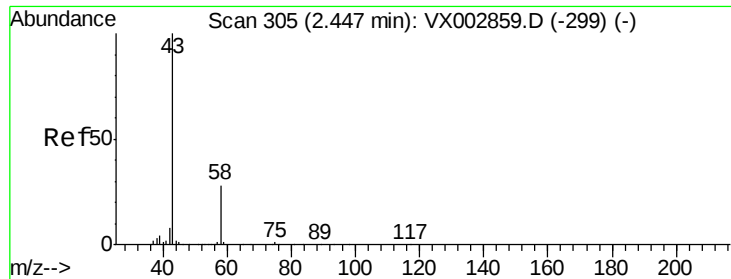
Tot Ion:142 Resp: 1714
Ion Ratio Lower Upper
142 100
127 52.7 36.6 55.0
141 18.9 11.3 16.9#



#11
Tert butyl alcohol
Concen: 3.78 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002876.D
Acq: 25 Jun 2018 23:01

Tgt Ion: 59 Resp: 2476
Ion Ratio Lower Upper
59 100
57 7.4 8.2 12.2#





#16

Acetone

Concen: 2.34 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX002876.D

Acq: 25 Jun 2018 23:01

Instrument :

MSVOA_X

ClientSampled :

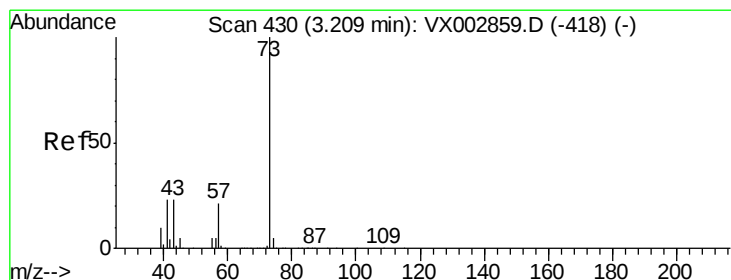
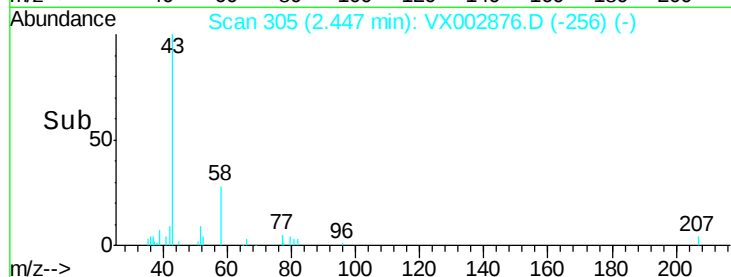
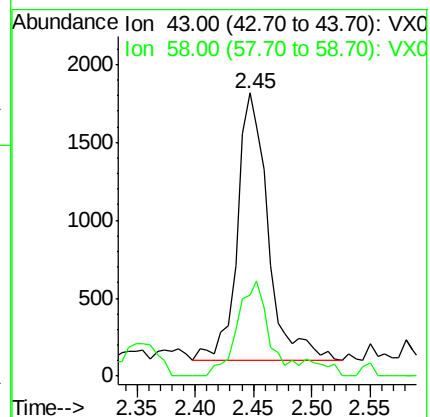
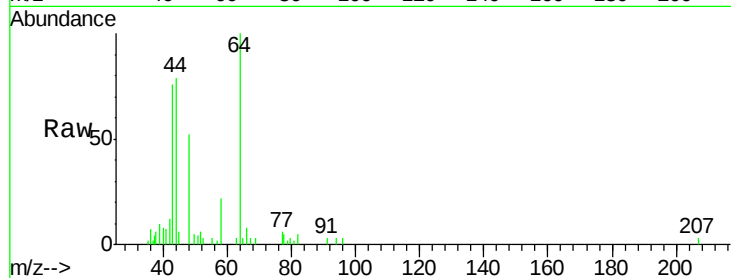
W-41

Tot Ion: 43 Resp: 3184

Ion Ratio Lower Upper

43 100

58 30.2 22.1 33.1



#19

Methyl tert-butyl Ether

Concen: 1.10 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX002876.D

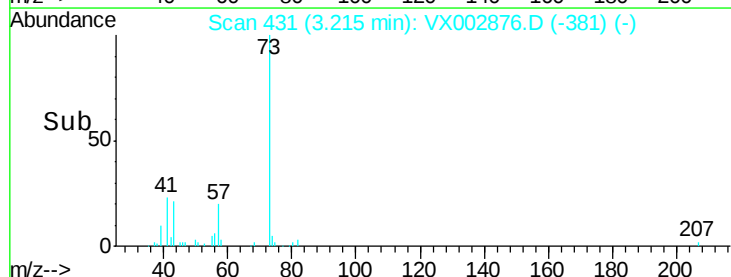
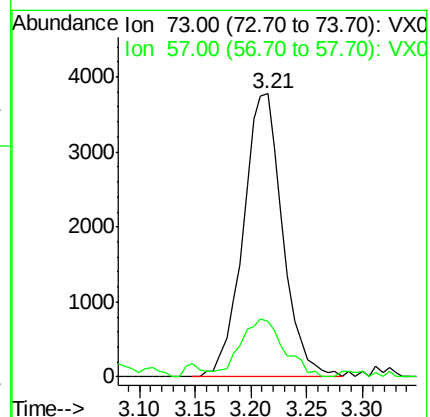
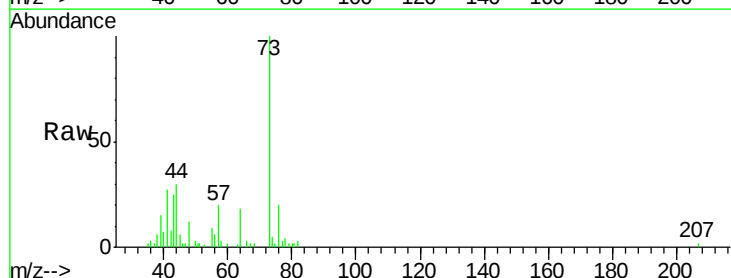
Acq: 25 Jun 2018 23:01

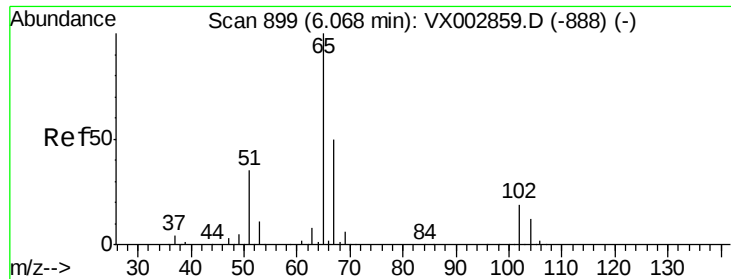
Tgt Ion: 73 Resp: 9290

Ion Ratio Lower Upper

73 100

57 17.4 17.7 26.5#

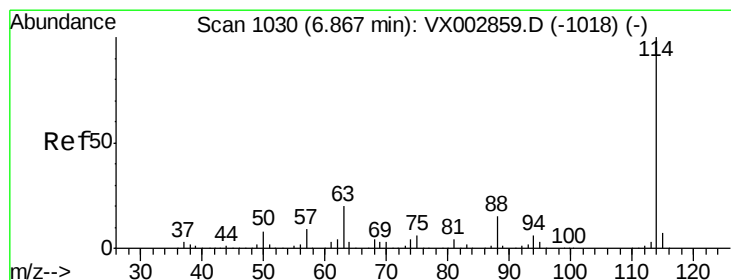
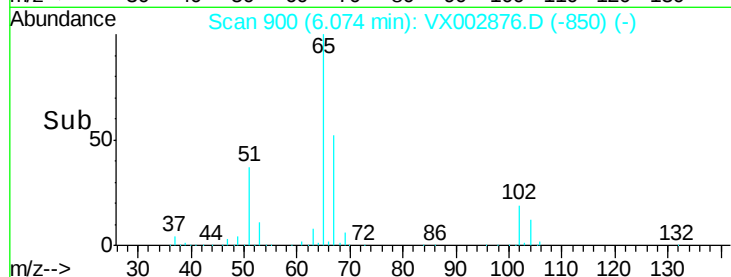
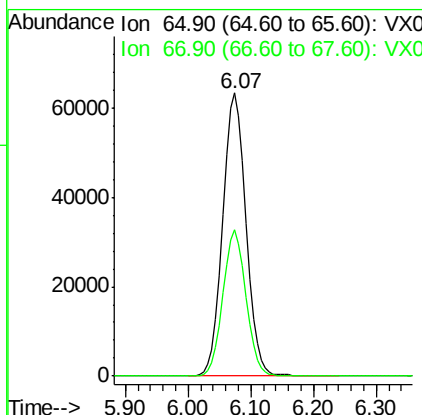
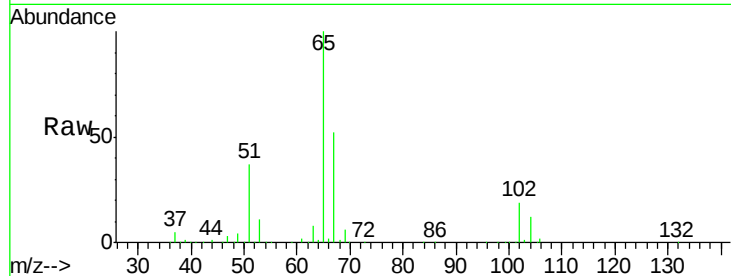




#33
 1,2-Dichloroethane-d4
 Concen: 49.58 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002876.D
 Acq: 25 Jun 2018 23:01

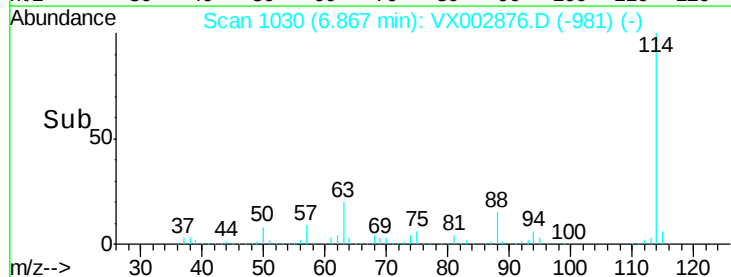
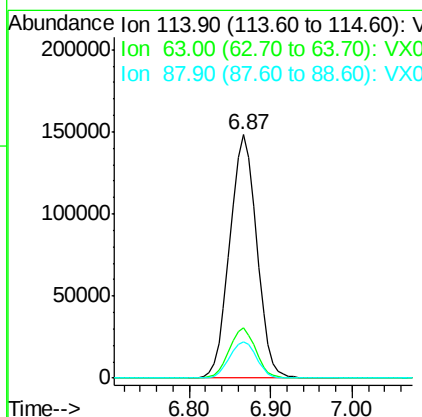
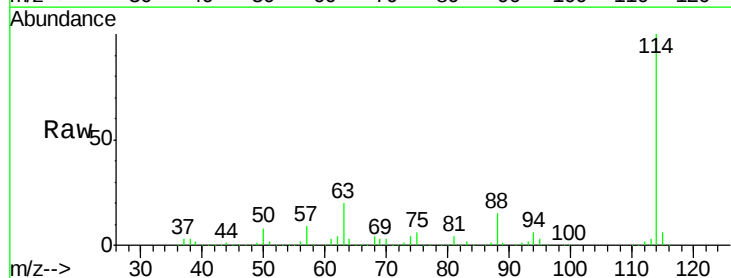
Instrument :
 MSVOA_X
 ClientSampleId :
 W-41

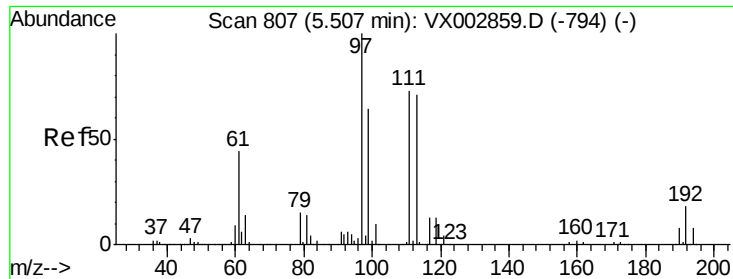
Tot Ion: 65 Resp: 163083
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002876.D
 Acq: 25 Jun 2018 23:01

Tgt Ion: 114 Resp: 337947
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 14.9 0.0 30.0

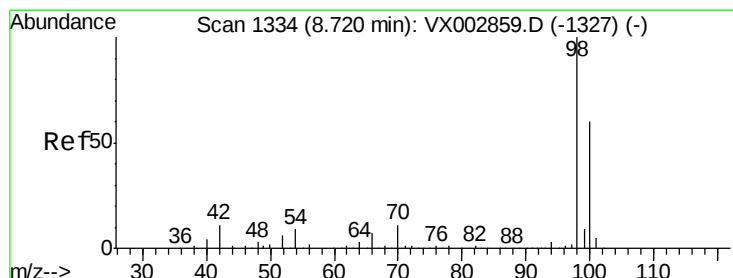
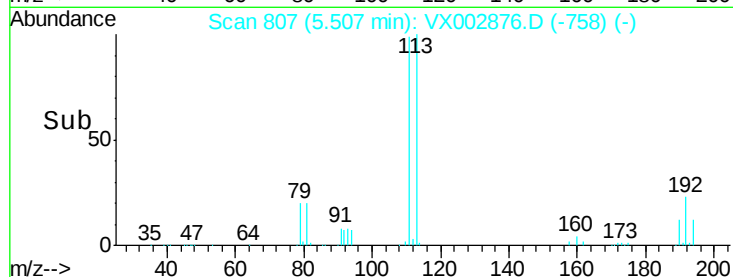
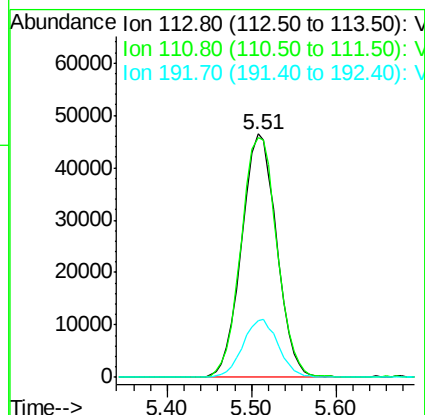
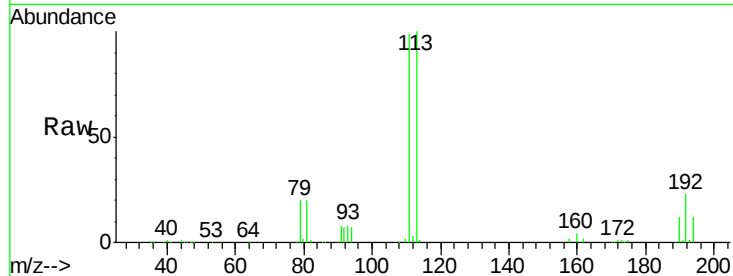




#35
 Dibromofluoromethane
 Concen: 48.97 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002876.D
 Acq: 25 Jun 2018 23:01

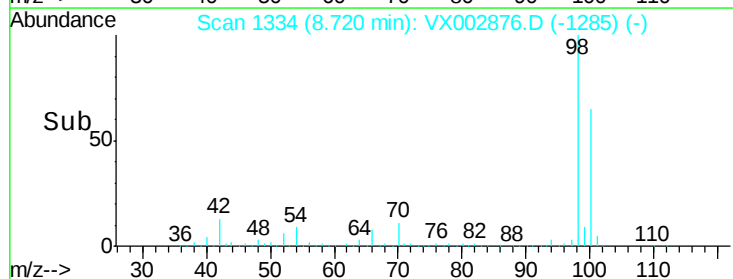
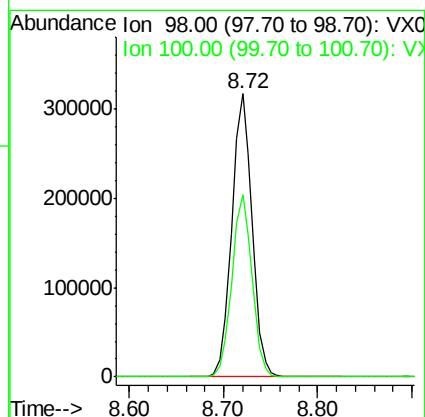
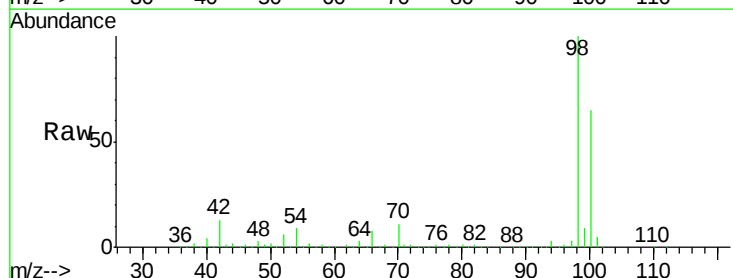
Instrument :
 MSVOA_X
 ClientSampled :
 W-41

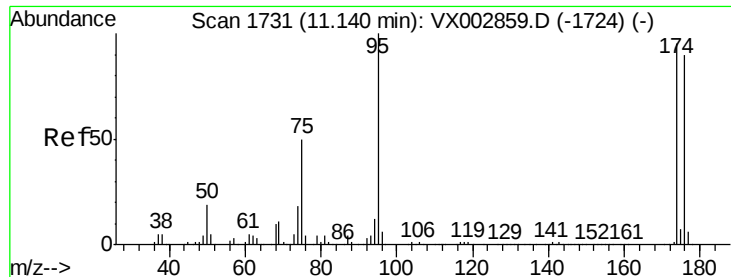
Tot Ion:113 Resp: 131044
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.0
 192 23.8 19.1 28.7



#50
 Toluene-d8
 Concen: 48.31 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002876.D
 Acq: 25 Jun 2018 23:01

Tgt Ion: 98 Resp: 472088
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002876.D

Acq: 25 Jun 2018 23:01

Instrument :

MSVOA_X

ClientSampleId :

W-41

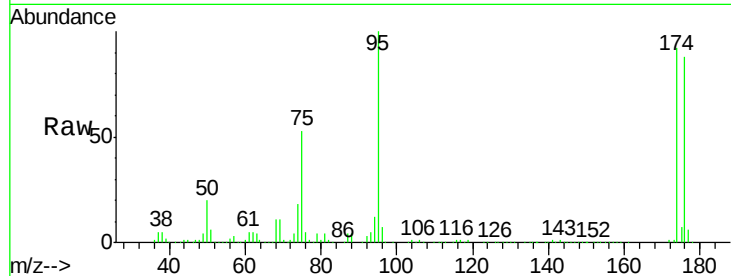
Tot Ion: 95 Resp: 168043

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

176 92.7 0.0 181.0

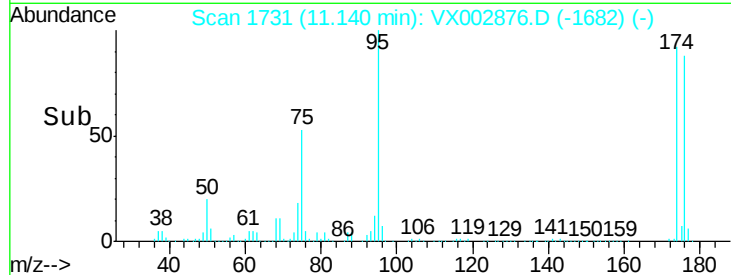


Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)

Time-->

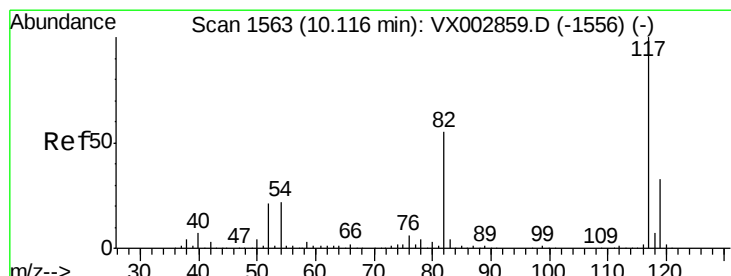


Abundance Ion 94.90 (94.60 to 95.60): VX002876.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002876.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002876.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002876.D

Acq: 25 Jun 2018 23:01

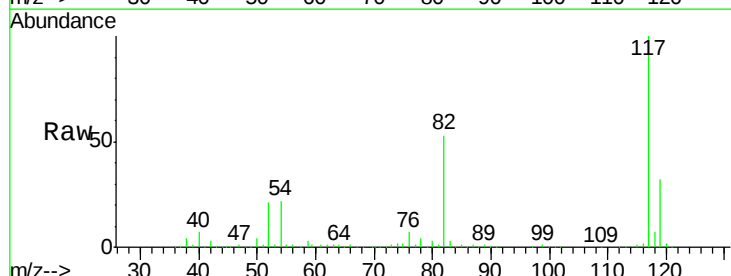
Tgt Ion: 117 Resp: 312917

Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.4

119 31.8 25.8 38.6

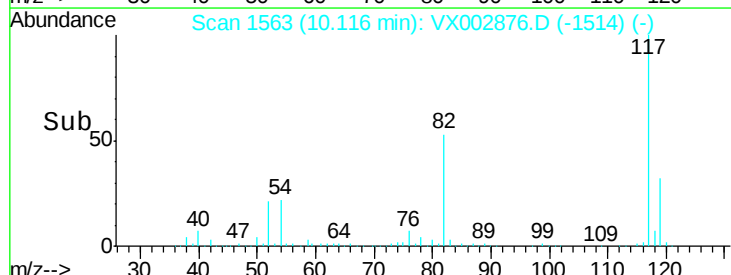


Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

Time-->

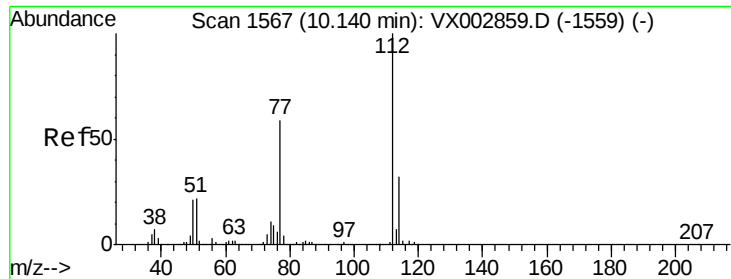


Abundance Ion 116.90 (116.60 to 117.60): VX002876.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002876.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002876.D (-1514) (-)

Time-->



#65

Chlorobenzene

Concen: 0.38 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002876.D

Acq: 25 Jun 2018 23:01

Instrument :

MSVOA_X

ClientSampled :

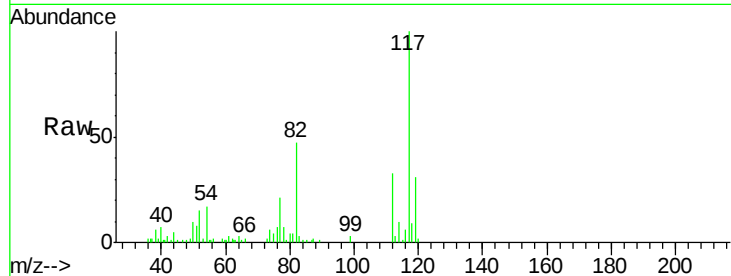
W-41

Tot Ion:112 Resp: 3031

Ion Ratio Lower Upper

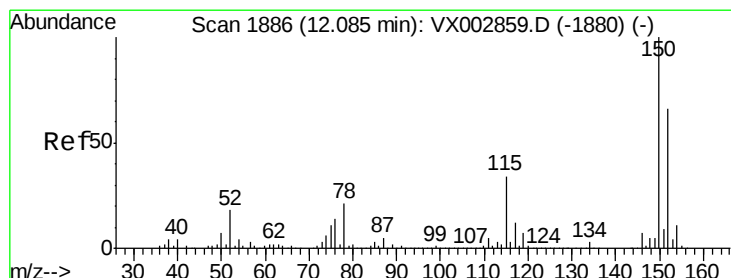
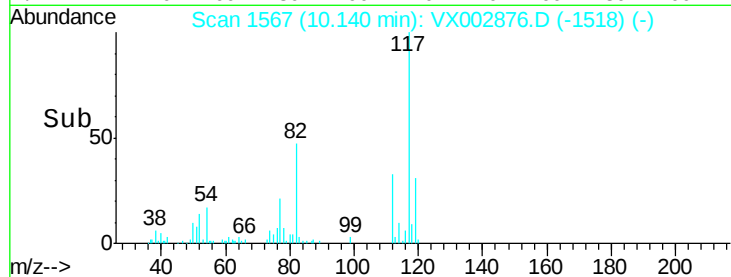
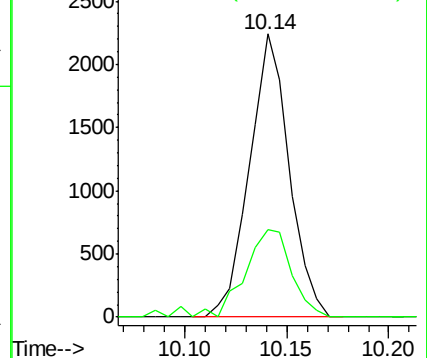
112 100

114 30.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002876.D

Acq: 25 Jun 2018 23:01

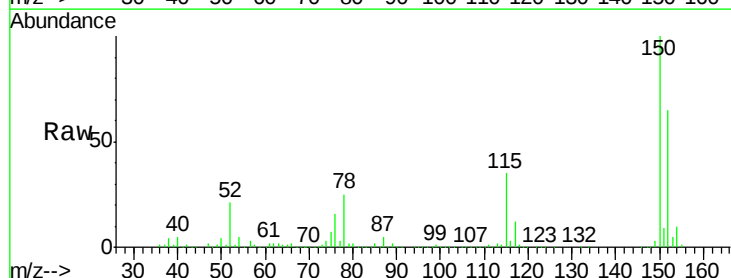
Tgt Ion:152 Resp: 177652

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

150 154.4 0.0 347.2



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

