

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002570.D
 Acq On : 16 May 2018 01:22
 Operator : JC/SY
 Sample : J2898-04
 Misc : 4.83G/10ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-04

Quant Time: May 16 07:34:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	105293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	150549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	104056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	30400	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	48958	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
35) Dibromofluoromethane	7.88	113	41903	43.87	ug/l	0.00
Spiked Amount			Recovery	=	87.74%	
50) Toluene-d8	10.33	98	127157	34.99	ug/l	0.00
Spiked Amount			Recovery	=	69.98%	
62) 4-Bromofluorobenzene	12.63	95	32262	24.28	ug/l	0.00
Spiked Amount			Recovery	=	48.56%	

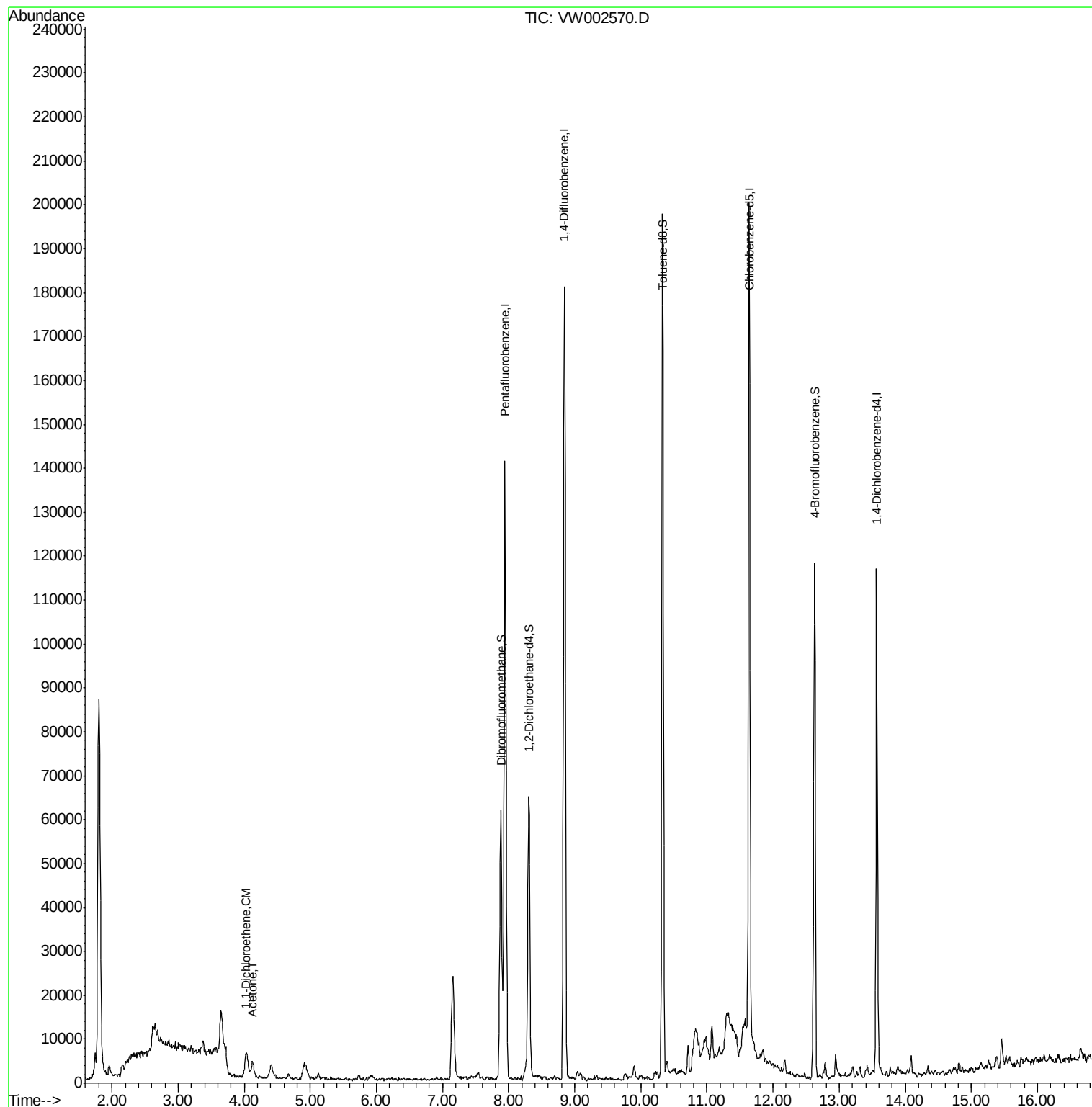
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	4135	4.70	ug/l	# 72
16) Acetone	4.13	43	7173	31.23	ug/l	93

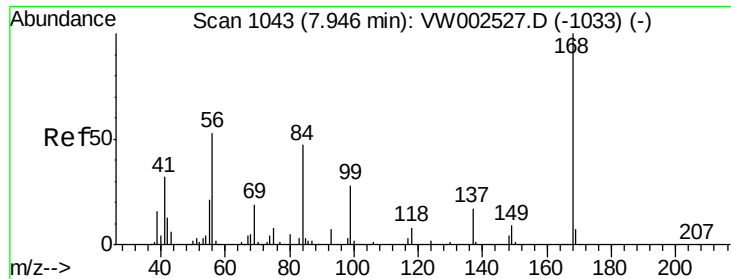
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002570.D

Acq: 16 May 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

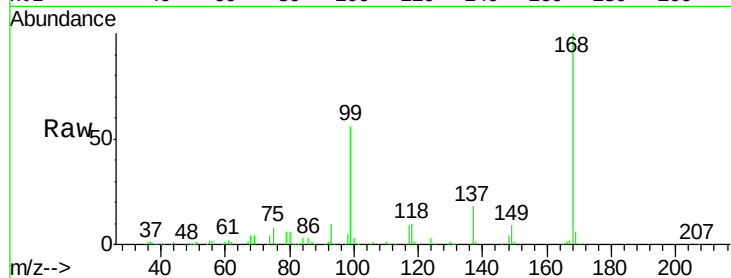
SP-04

Tot Ion:168 Resp: 105293

Ion Ratio Lower Upper

168 100

99 56.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

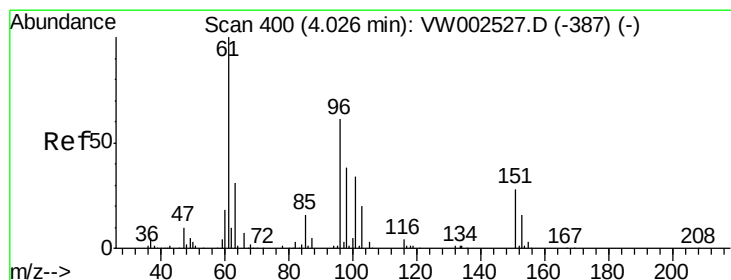
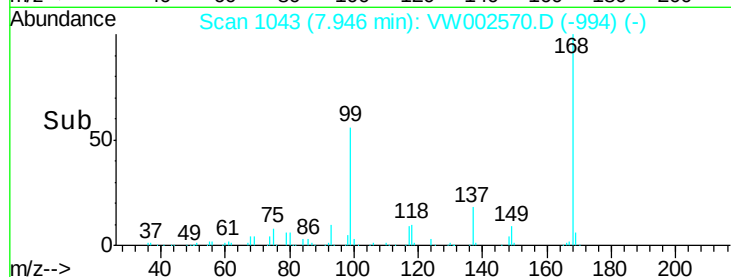
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#12

1,1-Dichloroethene

Concen: 4.70 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW002570.D

Acq: 16 May 2018 01:22

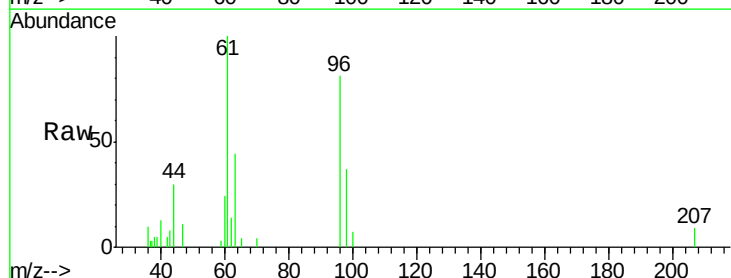
Tgt Ion: 96 Resp: 4135

Ion Ratio Lower Upper

96 100

61 123.5 132.2 198.2#

98 46.3 50.6 76.0#



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

4.03

2500

2000

1500

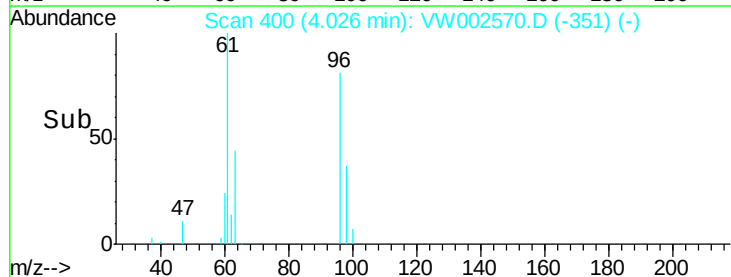
1000

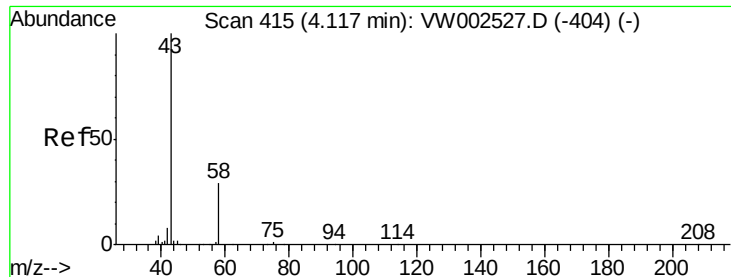
500

0

3.90 4.00 4.10

Time-->





#16

Acetone

Concen: 31.23 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002570.D

Acq: 16 May 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

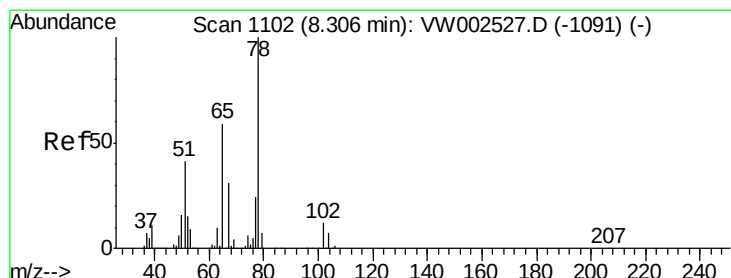
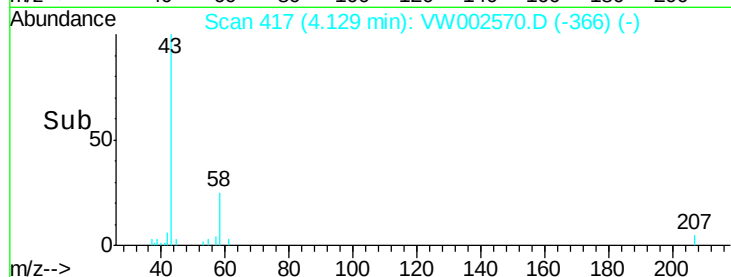
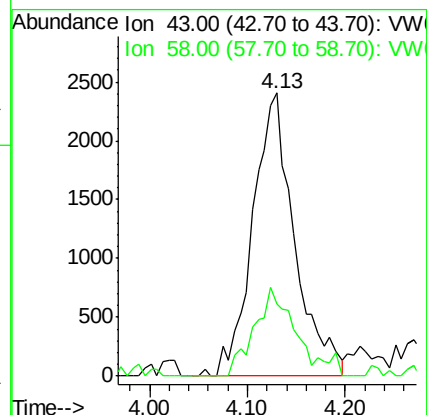
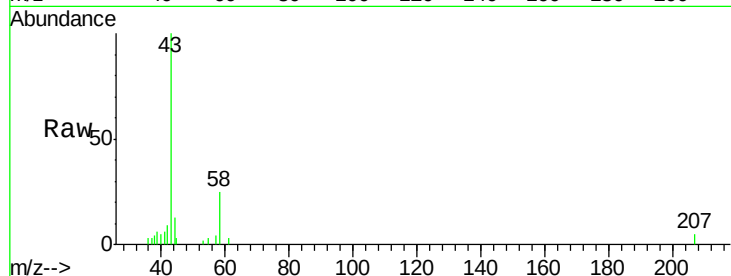
SP-04

Tot Ion: 43 Resp: 7173

Ion Ratio Lower Upper

43 100

58 25.4 23.4 35.0



#33

1,2-Dichloroethane-d4

Concen: 45.00 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002570.D

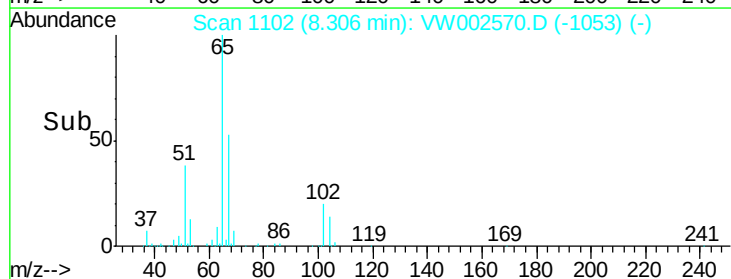
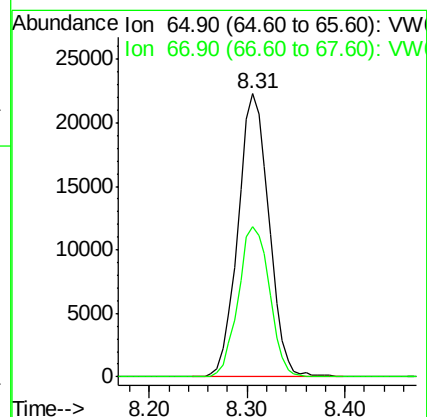
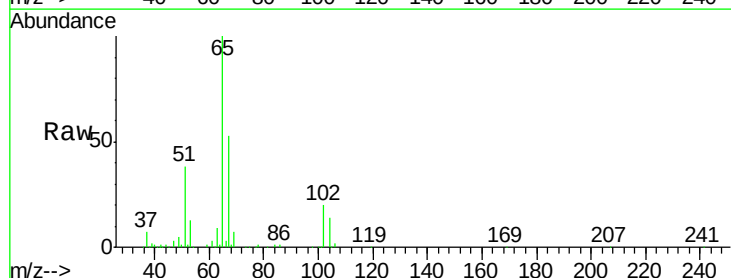
Acq: 16 May 2018 01:22

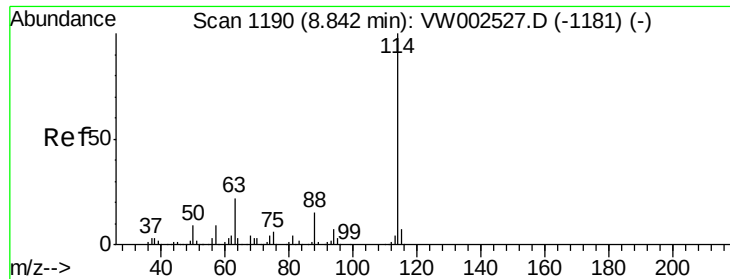
Tgt Ion: 65 Resp: 48958

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.4

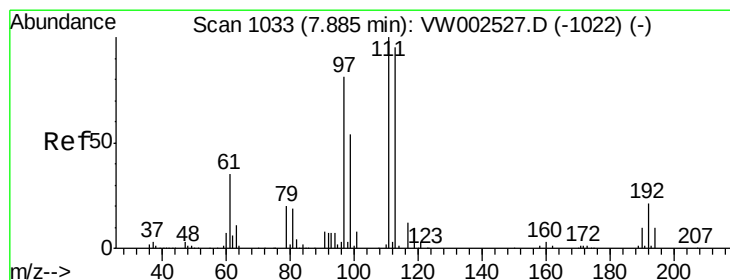
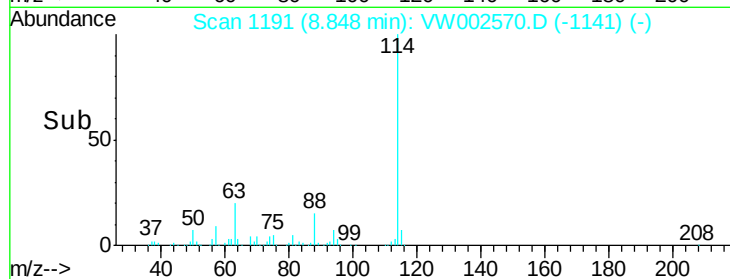
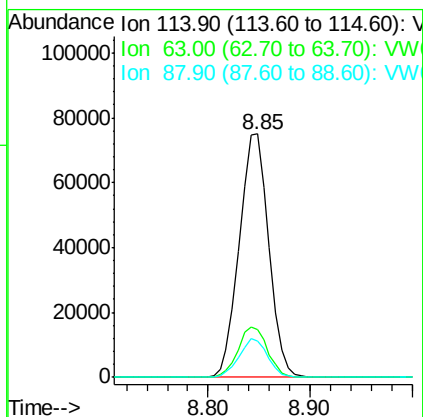
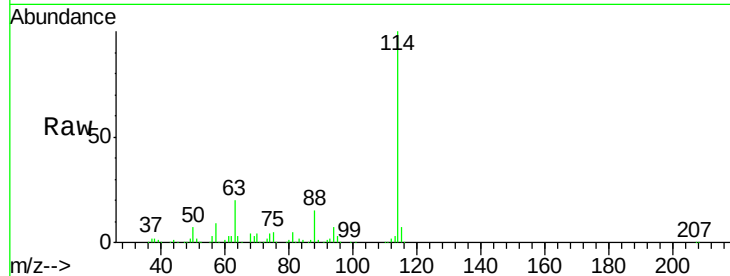




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002570.D
 Acq: 16 May 2018 01:22

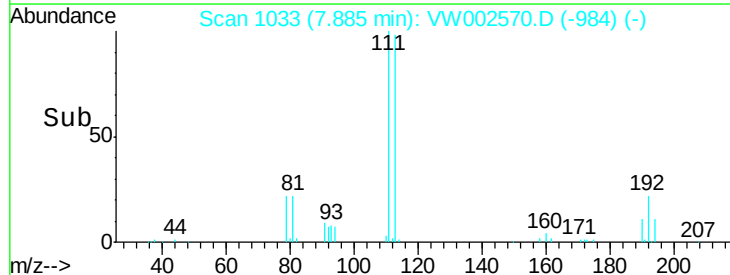
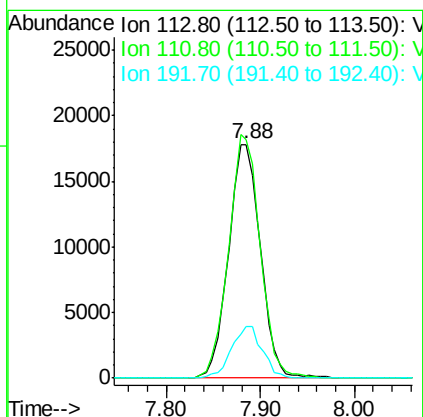
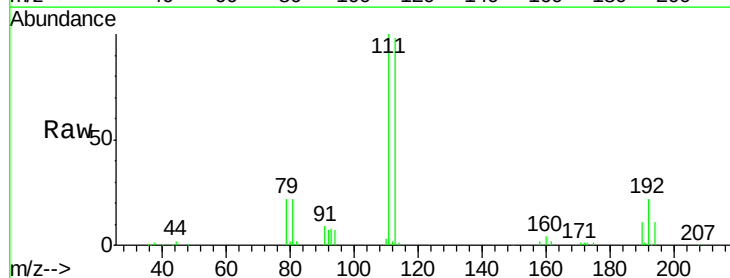
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-04

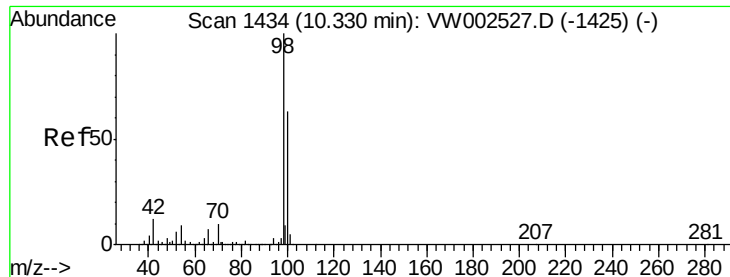
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	43.2
88	15.1	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 43.87 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002570.D
 Acq: 16 May 2018 01:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	21.2	17.5	26.3





#50

Toluene-d8

Concen: 34.99 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002570.D

Acq: 16 May 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

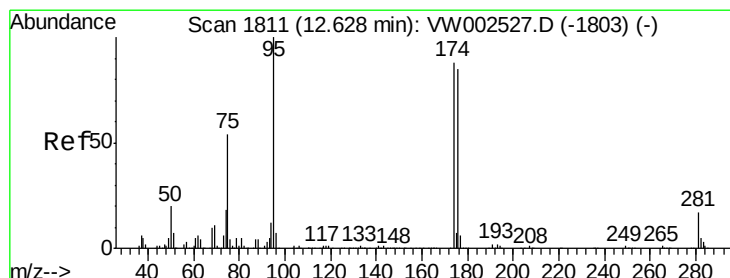
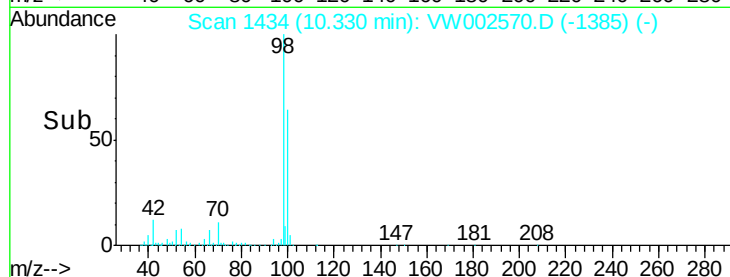
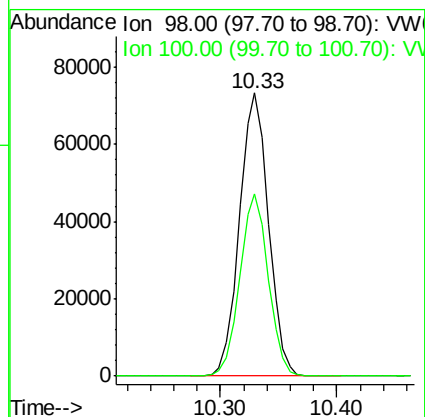
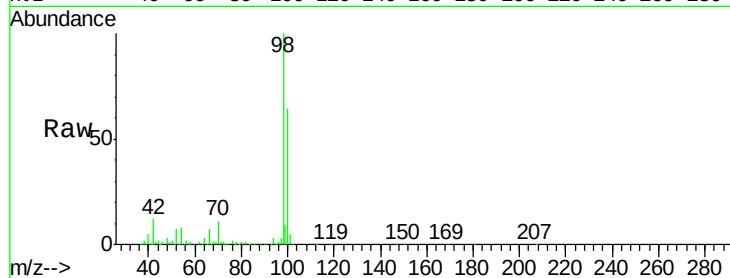
SP-04

Tot Ion: 98 Resp: 127157

Ion Ratio Lower Upper

98 100

100 63.1 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 24.28 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002570.D

Acq: 16 May 2018 01:22

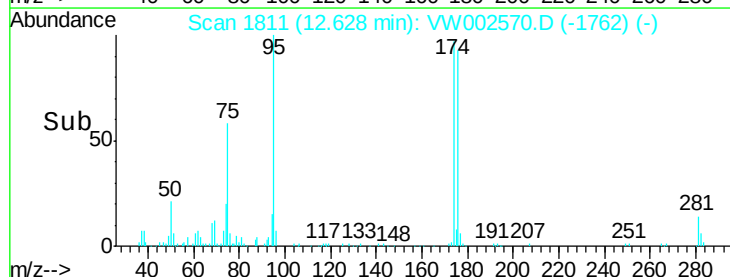
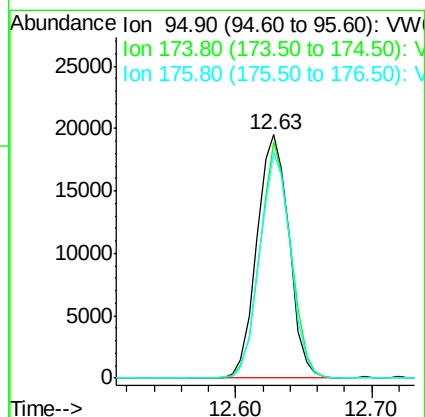
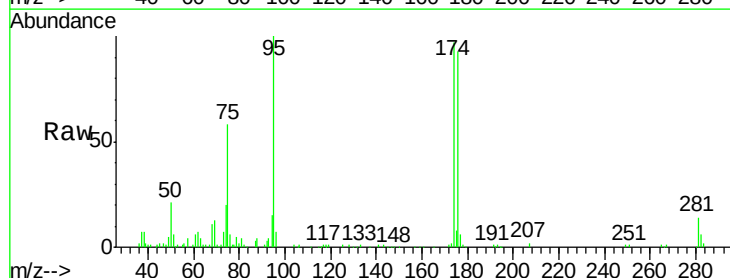
Tgt Ion: 95 Resp: 32262

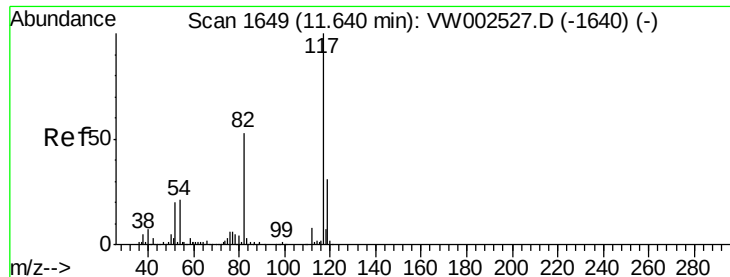
Ion Ratio Lower Upper

95 100

174 92.6 0.0 176.6

176 89.2 0.0 172.2

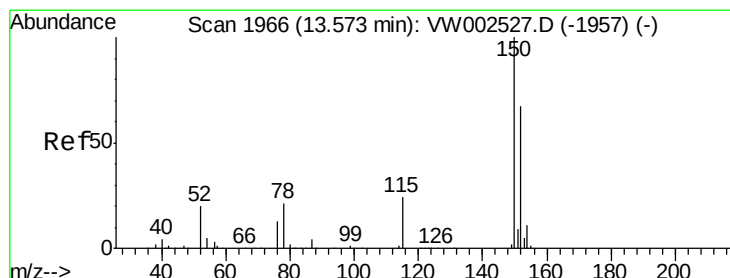
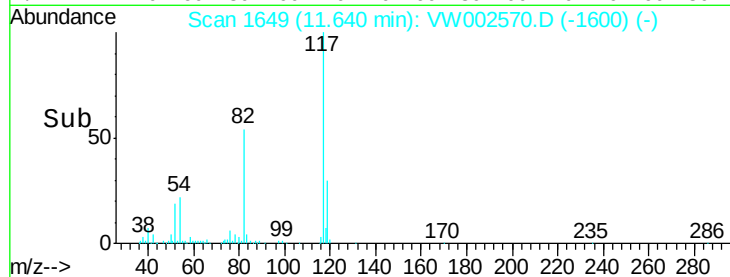
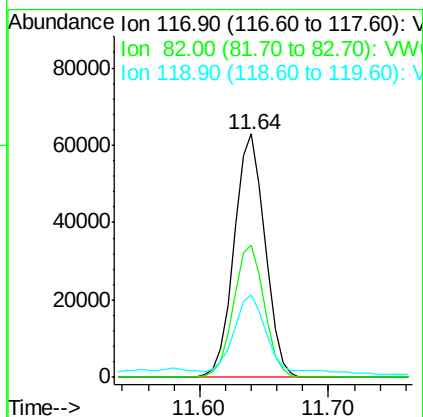
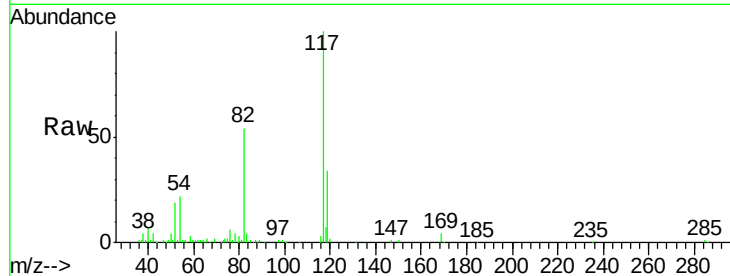




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002570.D
Acq: 16 May 2018 01:22

Instrument :
MSVOA_W
ClientSampled :
SP-04

Tot Ion:117 Resp: 104056
Ion Ratio Lower Upper
117 100
82 54.2 42.6 64.0
119 31.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002570.D
Acq: 16 May 2018 01:22

Tgt Ion:152 Resp: 30400
Ion Ratio Lower Upper
152 100
115 56.0 28.0 84.0
150 156.0 0.0 345.4

