

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002537.D
 Acq On : 15 May 2018 03:06
 Operator : JC/SY
 Sample : J2708-03
 Misc : 7.17G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-17(5.5-6)

Quant Time: May 15 08:11:44 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

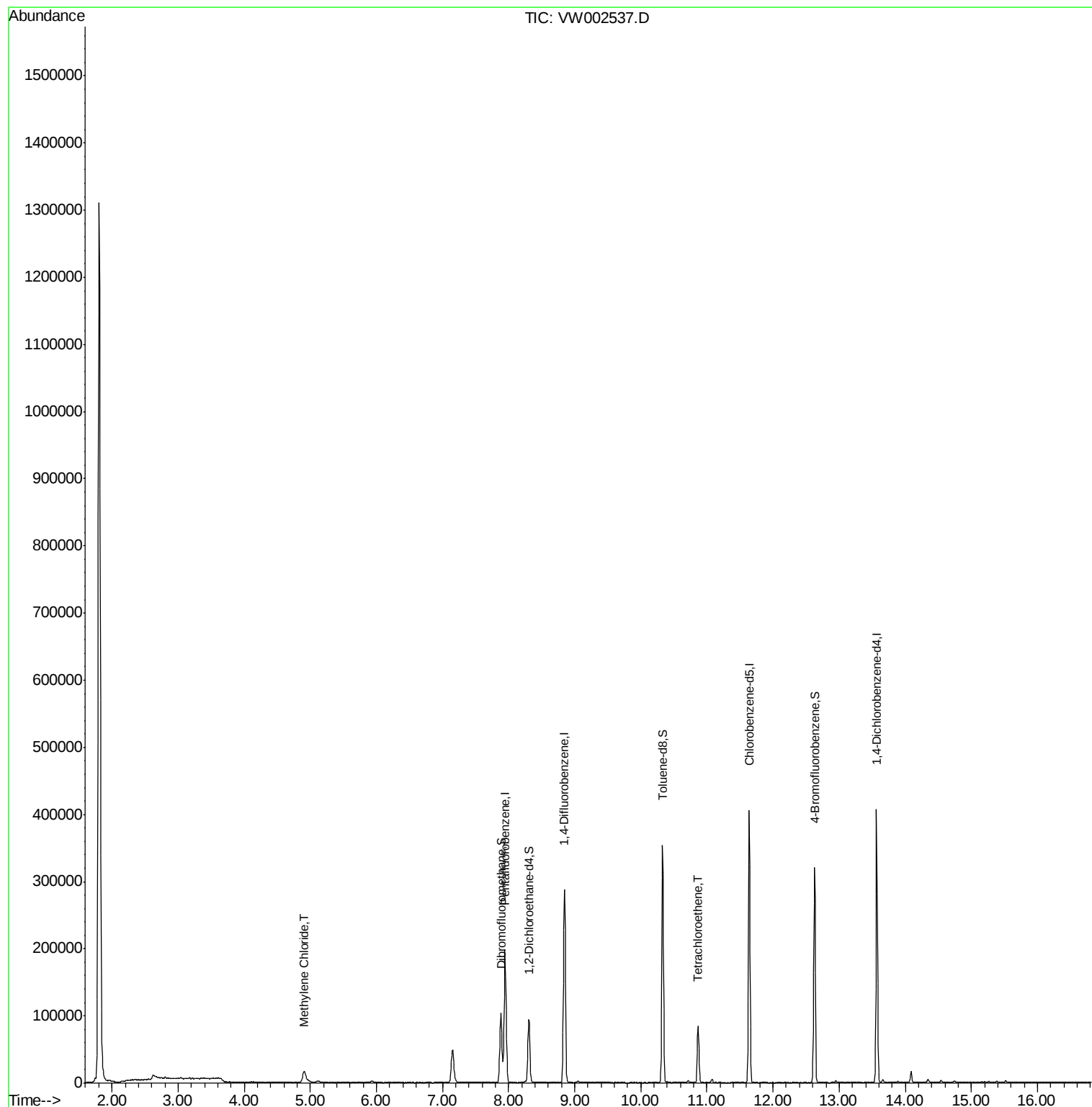
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	154032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	241563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	219977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	72847	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
35) Dibromofluoromethane	7.88	113	71344	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	10.33	98	228715	39.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.46%	
62) 4-Bromofluorobenzene	12.63	95	84828	39.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.58%	
Target Compounds						
20) Methylene Chloride	4.91	84	14817	8.82	ug/l	97
64) Tetrachloroethene	10.87	164	18962	12.23	ug/l	95

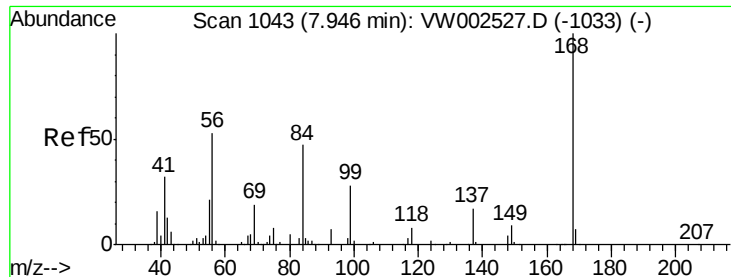
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002537.D

Acq: 15 May 2018 03:06

Instrument :

MSVOA_W

ClientSampleId :

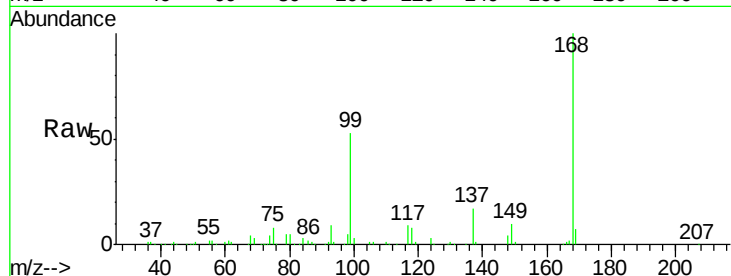
SB-17(5.5-6)

Tot Ion:168 Resp: 154032

Ion Ratio Lower Upper

168 100

99 53.0 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

80000

60000

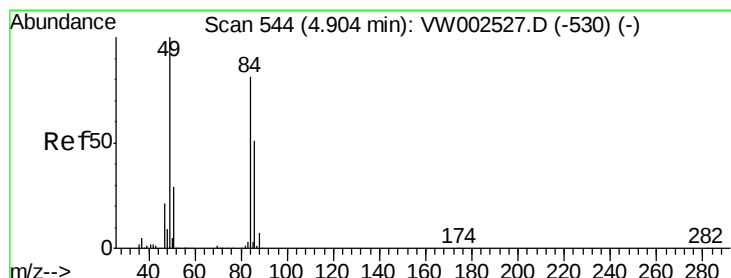
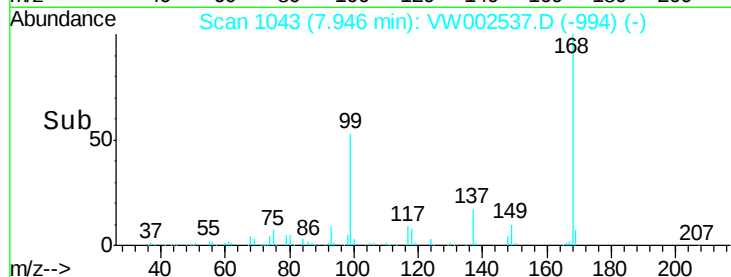
40000

20000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 8.82 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW002537.D

Acq: 15 May 2018 03:06

Tgt Ion: 84 Resp: 14817

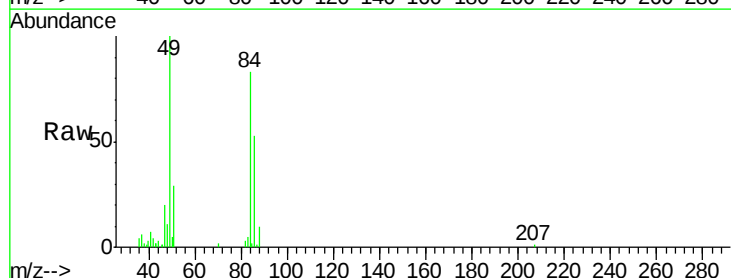
Ion Ratio Lower Upper

84 100

49 119.3 99.4 149.0

51 34.7 29.0 43.6

86 63.8 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

8000

6000

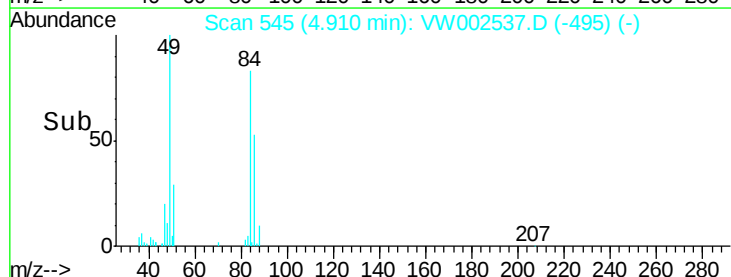
4000

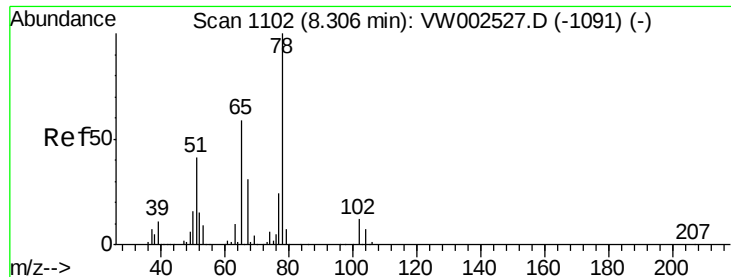
2000

0

4.80 4.90 5.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.77 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002537.D

Acq: 15 May 2018 03:06

Instrument :

MSVOA_W

ClientSampleId :

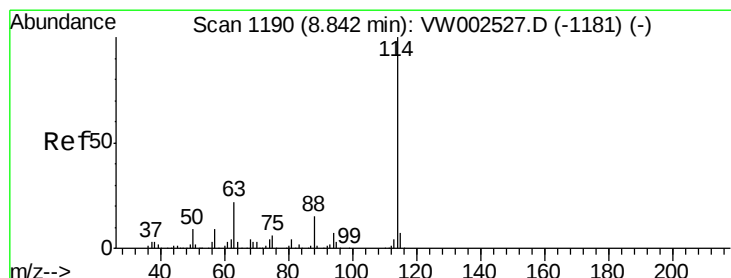
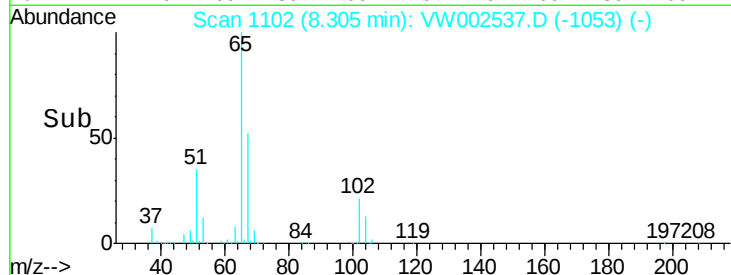
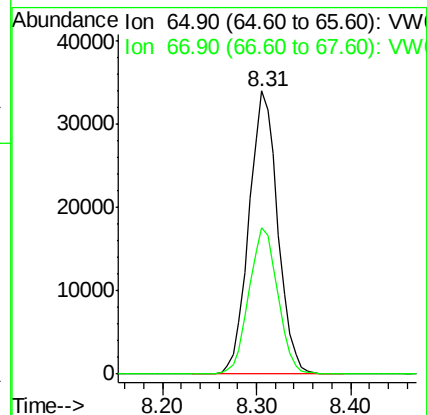
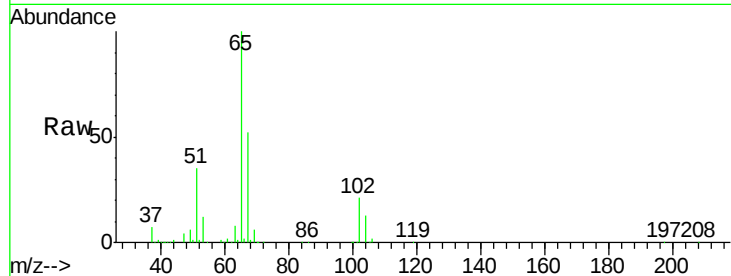
SB-17(5.5-6)

Tot Ion: 65 Resp: 72847

Ion Ratio Lower Upper

65 100

67 52.0 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: VW002537.D

Acq: 15 May 2018 03:06

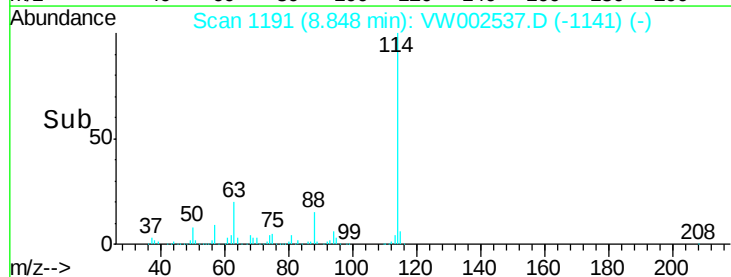
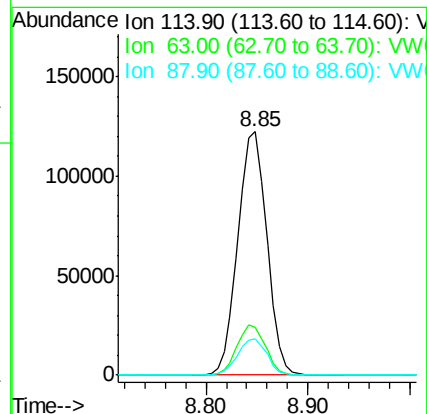
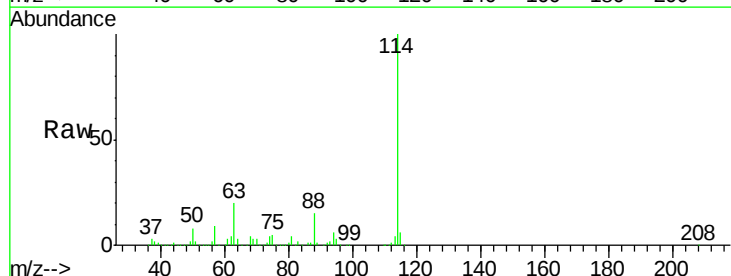
Tgt Ion: 114 Resp: 241563

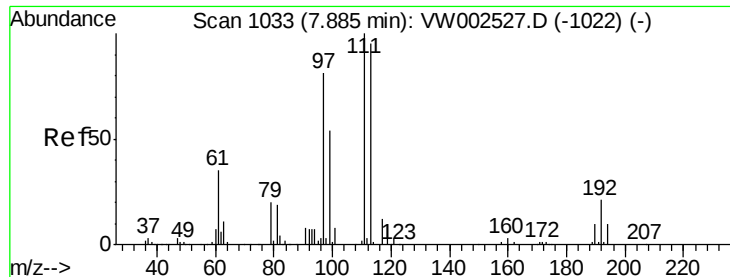
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 14.8 0.0 29.2

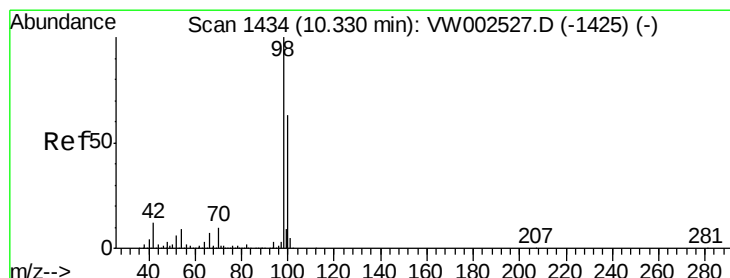
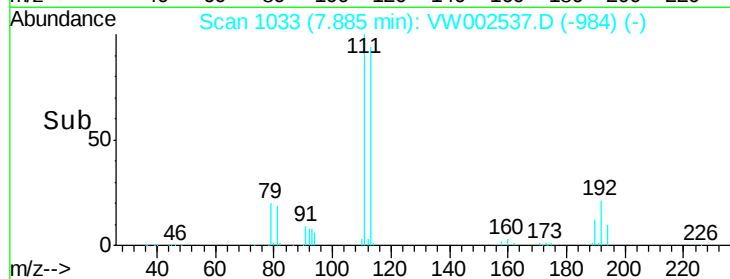
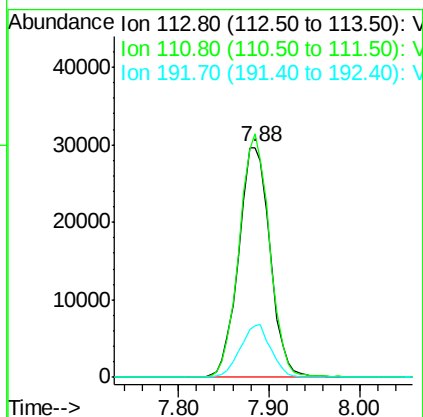
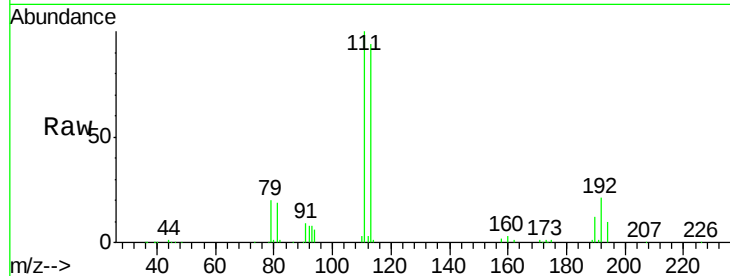




#35
 Dibromofluoromethane
 Concen: 46.55 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002537.D
 Acq: 15 May 2018 03:06

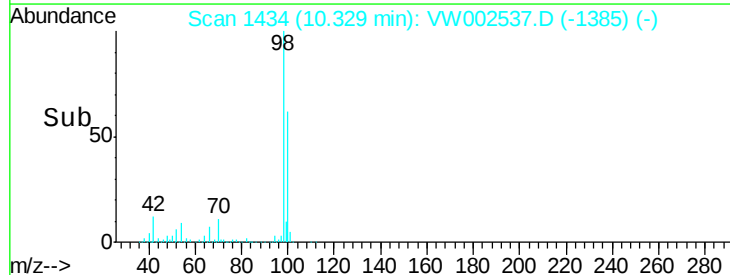
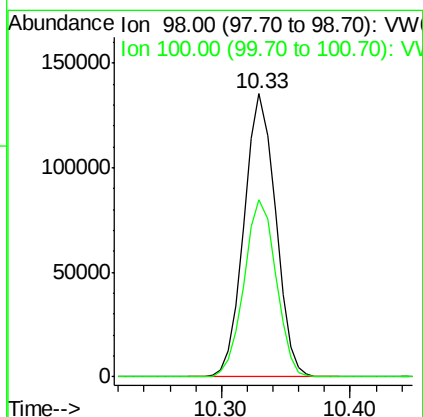
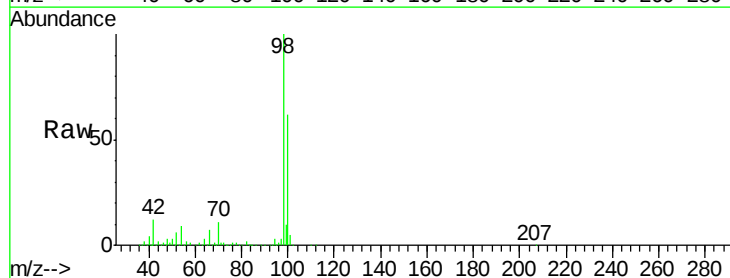
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-17(5.5-6)

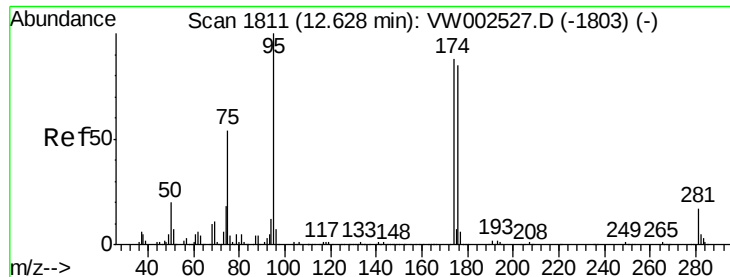
Tot Ion:113 Resp: 71344
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 22.1 17.5 26.3



#50
 Toluene-d8
 Concen: 39.23 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002537.D
 Acq: 15 May 2018 03:06

Tgt Ion: 98 Resp: 228715
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.0 76.4

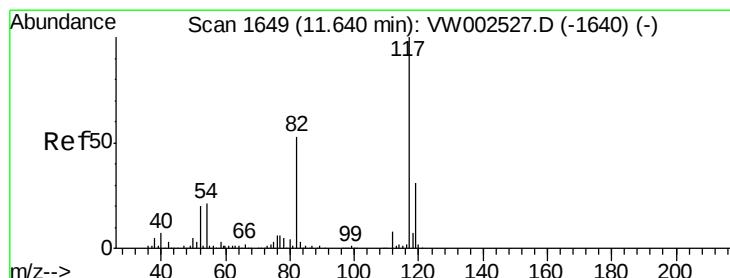
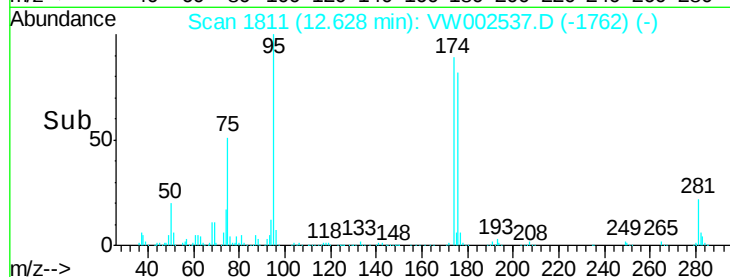
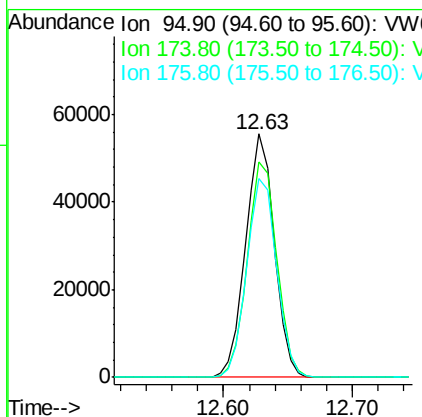
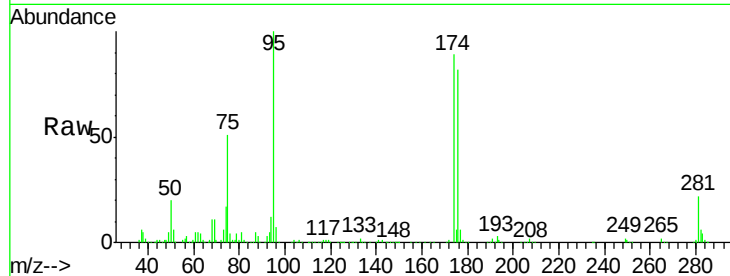




#62
4-Bromofluorobenzene
Concen: 39.79 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002537.D
Acq: 15 May 2018 03:06

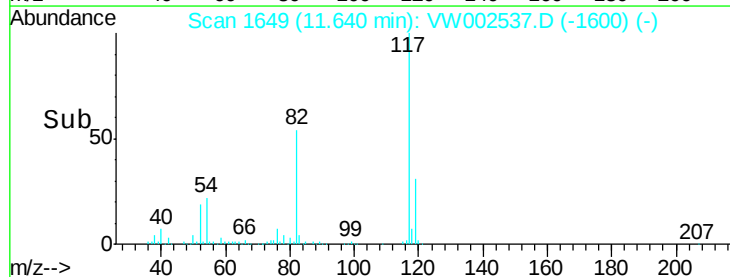
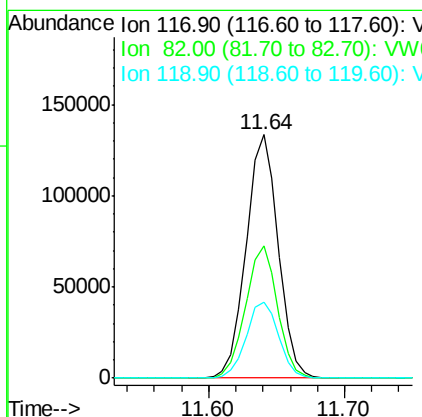
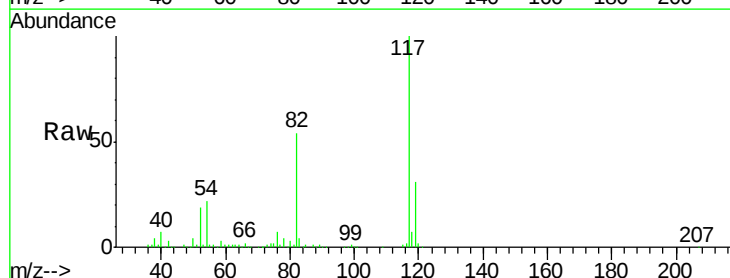
Instrument :
MSVOA_W
ClientSampleId :
SB-17(5.5-6)

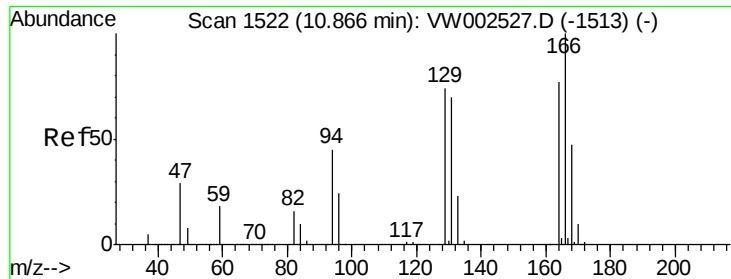
Tot Ion: 95 Resp: 84828
Ion Ratio Lower Upper
95 100
174 91.7 0.0 176.6
176 85.5 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002537.D
Acq: 15 May 2018 03:06

Tgt Ion: 117 Resp: 219977
Ion Ratio Lower Upper
117 100
82 54.3 42.6 64.0
119 31.2 25.0 37.6





#64

Tetrachloroethene

Concen: 12.23 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW002537.D

Acq: 15 May 2018 03:06

Instrument :

MSVOA_W

ClientSampleId :

SB-17(5.5-6)

Tot Ion:164 Resp: 18962

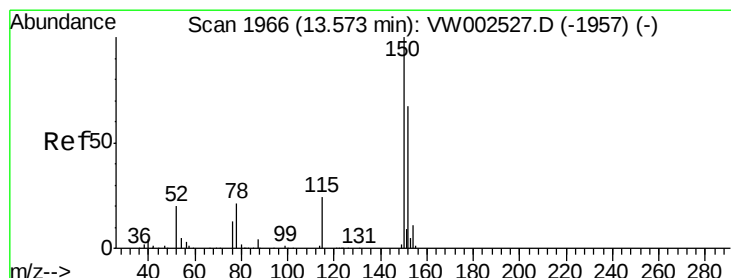
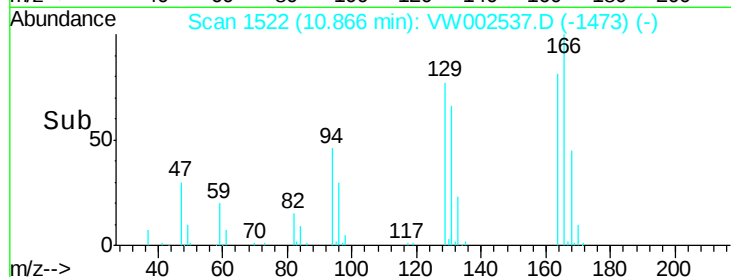
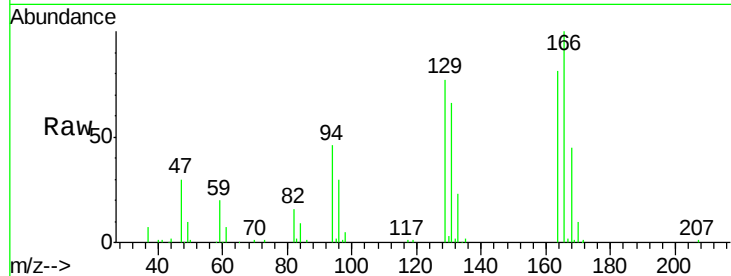
Ion Ratio Lower Upper

164 100

166 124.2 104.2 156.2

129 95.5 77.0 115.4

131 82.3 73.1 109.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002537.D

Acq: 15 May 2018 03:06

Tgt Ion:152 Resp: 107544

Ion Ratio Lower Upper

152 100

115 55.6 28.0 84.0

150 156.5 0.0 345.4

