

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006530.D
 Acq On : 31 Oct 2018 17:02
 Operator : SY/AP
 Sample : J5711-05
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6

Quant Time: Oct 31 17:31:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

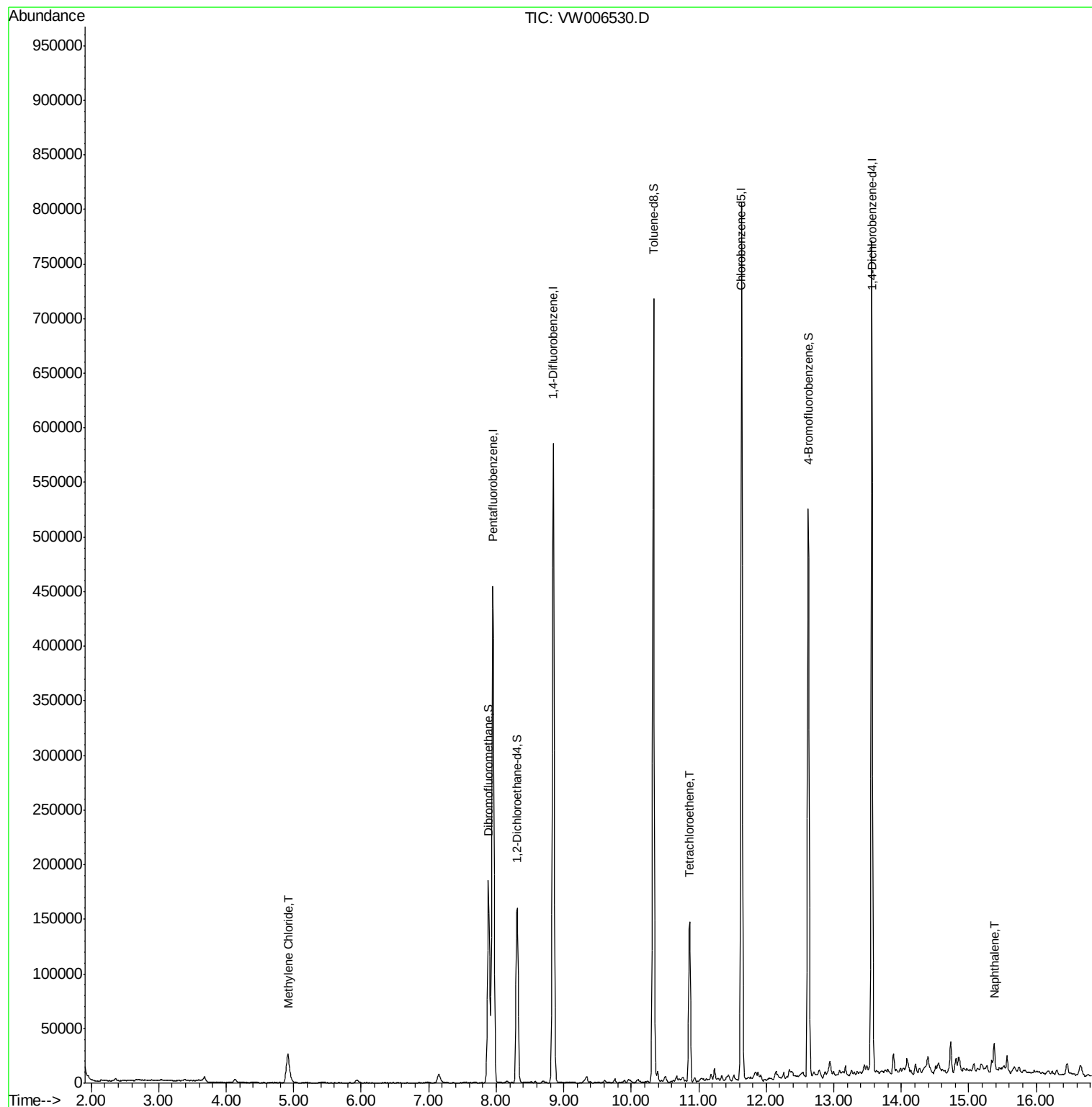
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	382726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	548783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	483600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	129987	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
35) Dibromofluoromethane	7.88	113	132503	40.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.72%	
50) Toluene-d8	10.33	98	506471	41.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.10%	
62) 4-Bromofluorobenzene	12.62	95	165353	35.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.38%	
Target Compounds						
20) Methylene Chloride	4.91	84	24427	5.838	ug/l	90
64) Tetrachloroethene	10.87	164	36781	9.797	ug/l	98
95) Naphthalene	15.38	128	25363	2.879	ug/l #	96

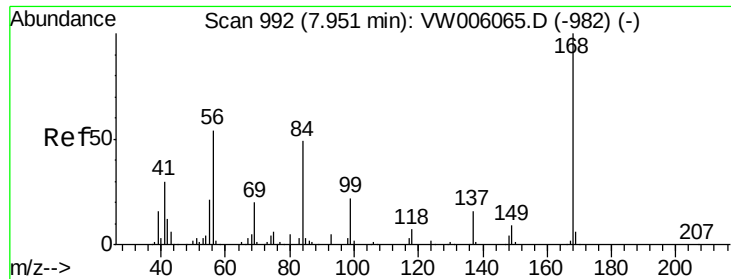
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006530.D

Acq: 31 Oct 2018 17:02

Instrument :

MSVOA_W

ClientSampleId :

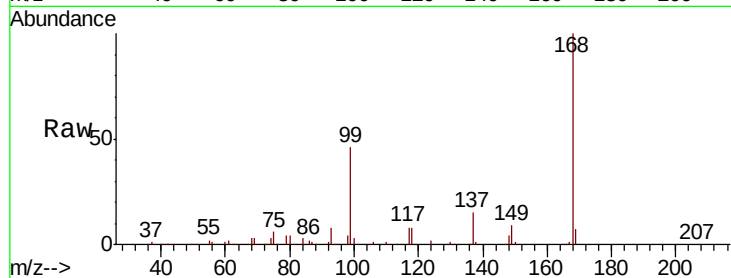
SB-6

Tot Ion:168 Resp: 382726

Ion Ratio Lower Upper

168 100

99 46.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

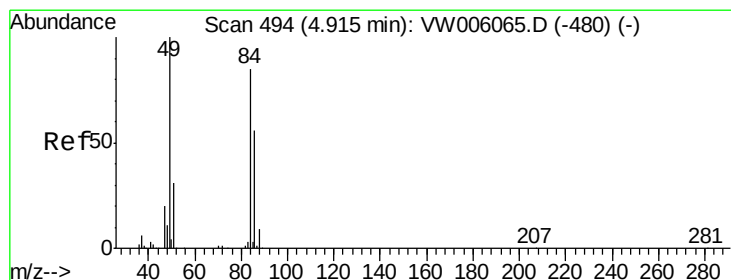
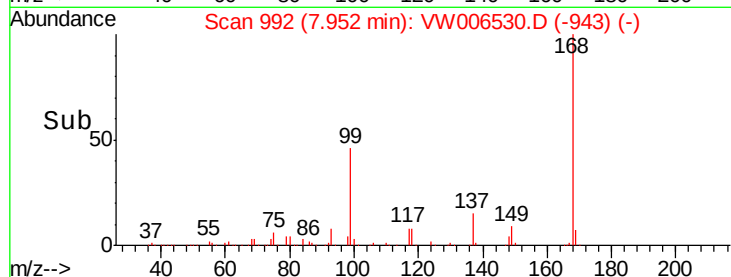
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.838 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006530.D

Acq: 31 Oct 2018 17:02

Tgt Ion: 84 Resp: 24427

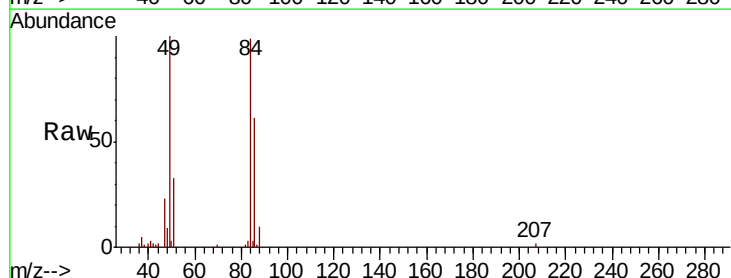
Ion Ratio Lower Upper

84 100

49 101.0 93.6 140.4

51 32.8 29.0 43.4

86 61.9 52.6 79.0



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

4.91

10000

8000

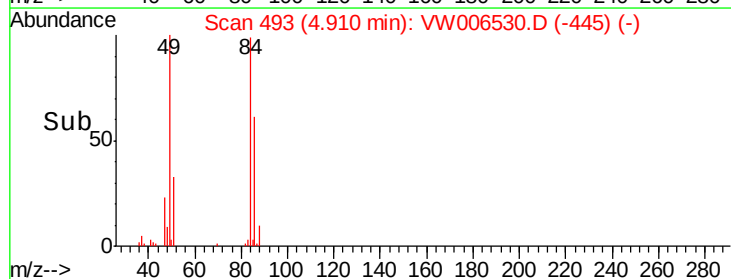
6000

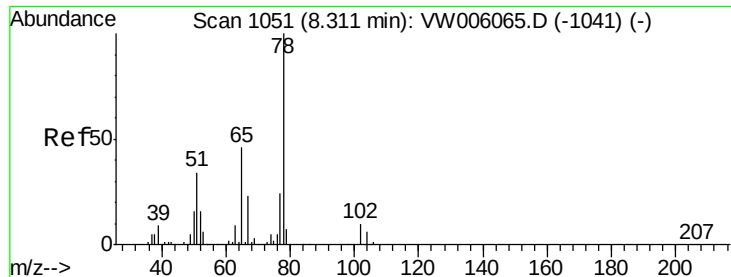
4000

2000

0

Time--> 4.80 4.90 5.00

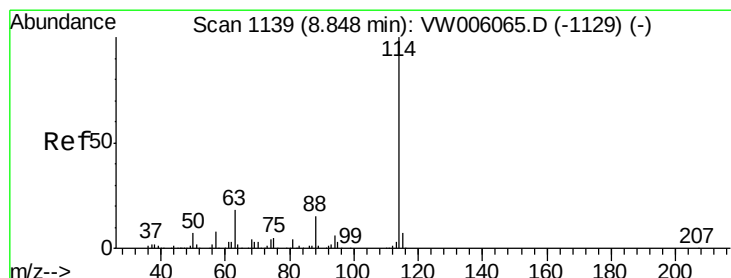
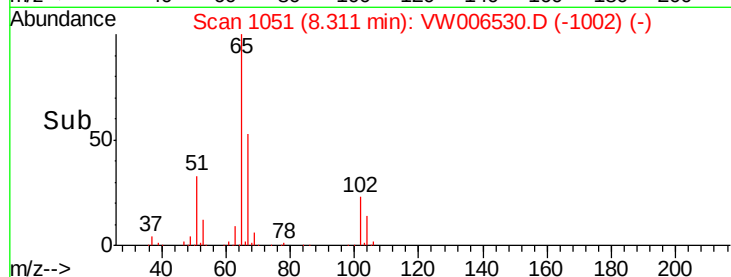
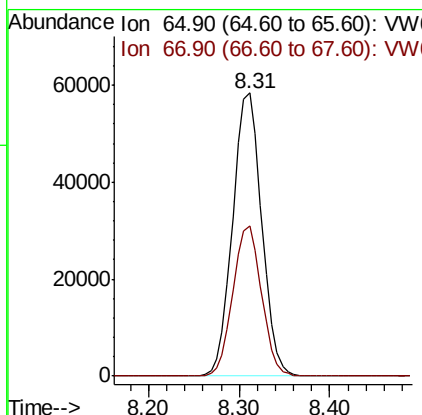
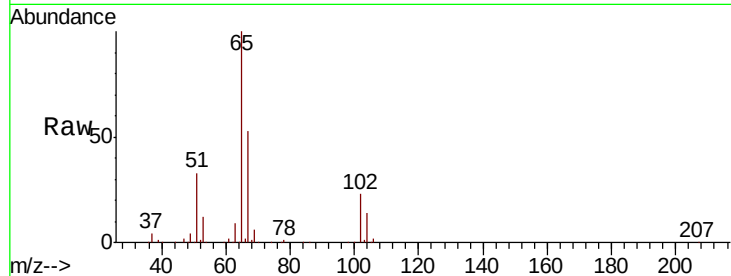




#33
 1,2-Dichloroethane-d4
 Concen: 40.966 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

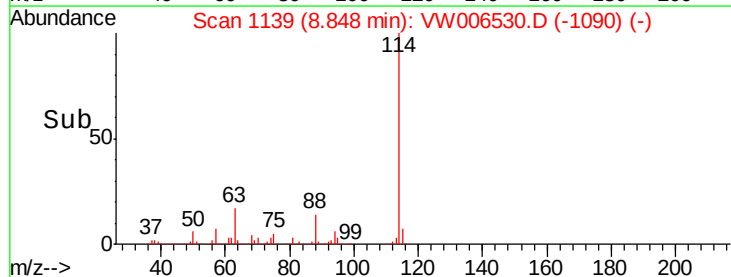
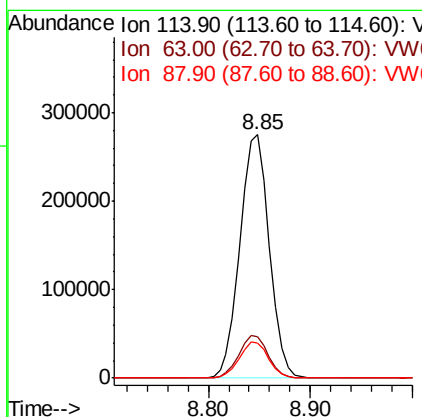
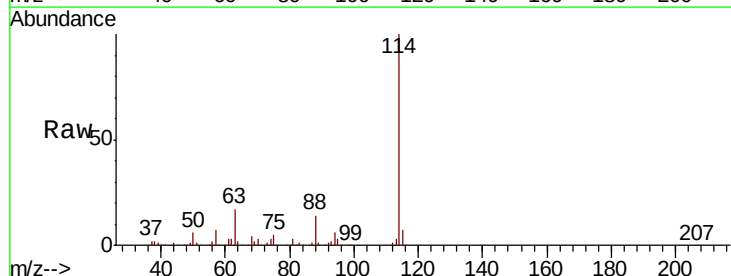
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6

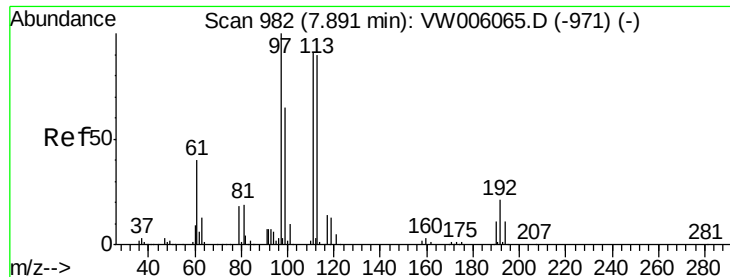
Tot Ion: 65 Resp: 129987
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

Tgt Ion: 114 Resp: 548783
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.8
 88 14.3 0.0 29.0

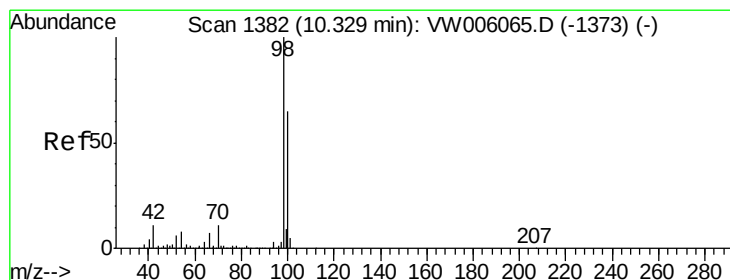
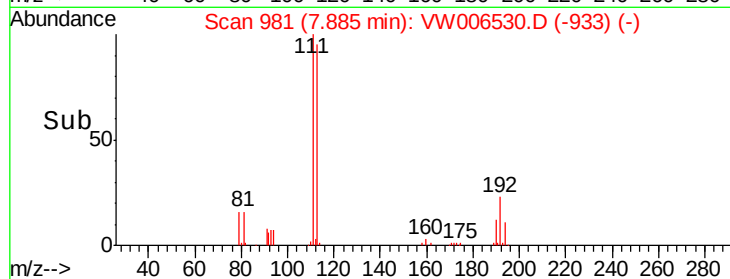
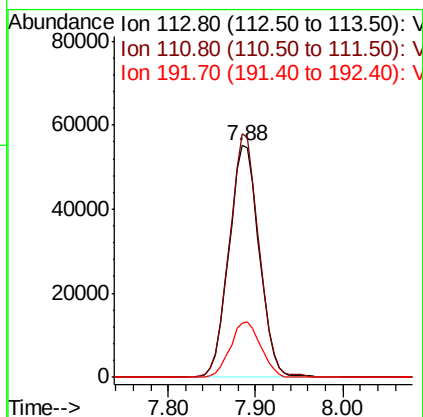
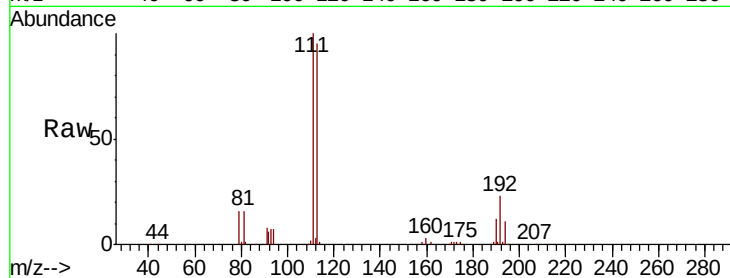




#35
 Dibromofluoromethane
 Concen: 40.862 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

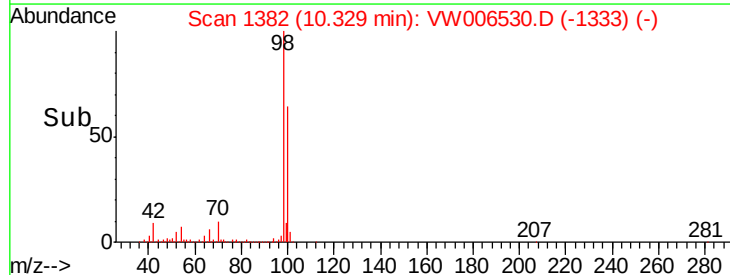
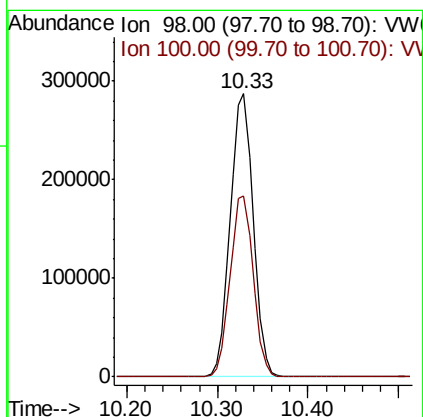
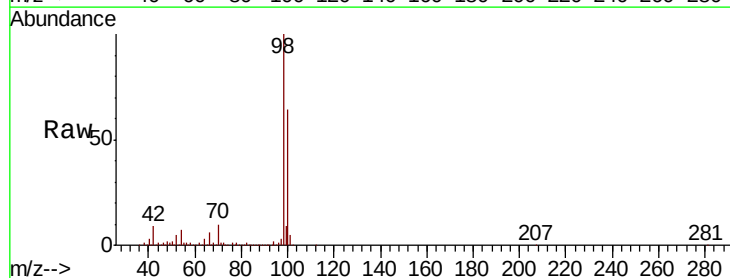
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6

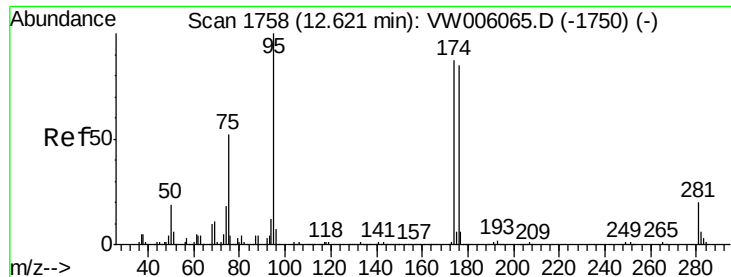
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	24.1	18.7	28.1



#50
 Toluene-d8
 Concen: 41.053 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4

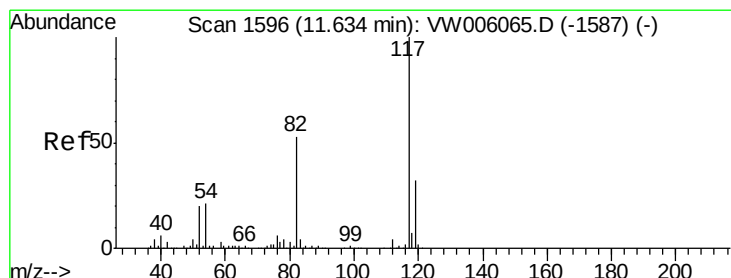
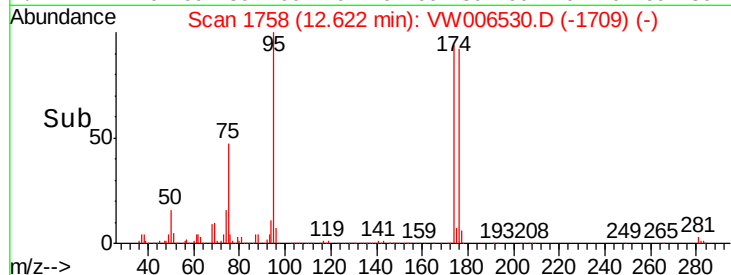
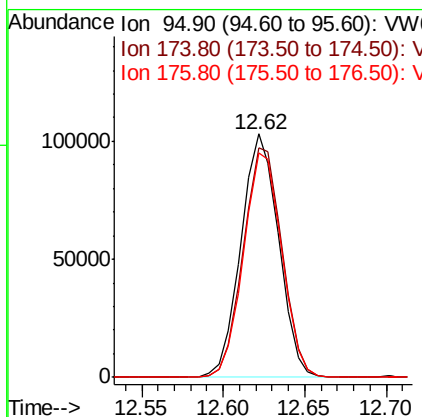
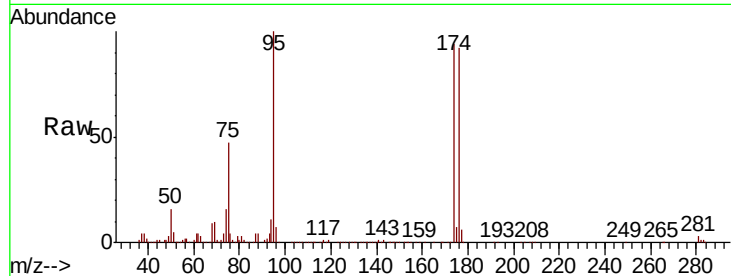




#62
4-Bromofluorobenzene
Concen: 35.685 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

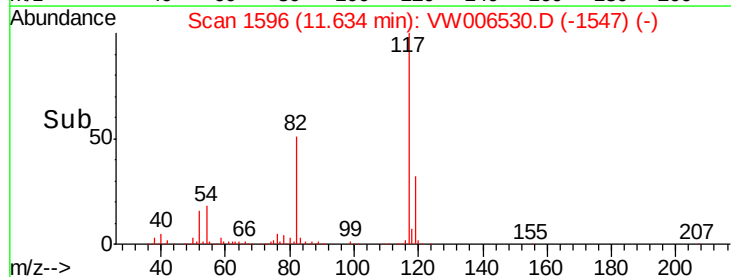
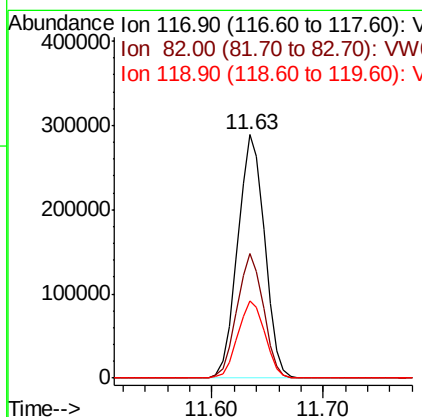
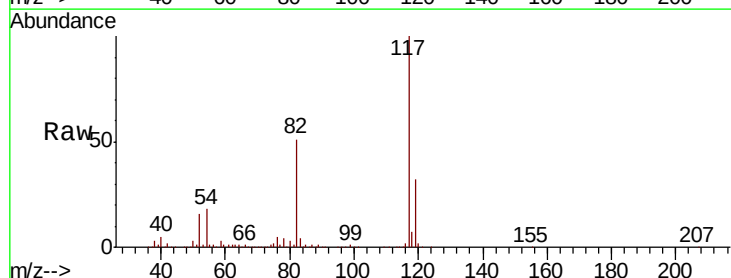
Instrument :
MSVOA_W
ClientSampled :
SB-6

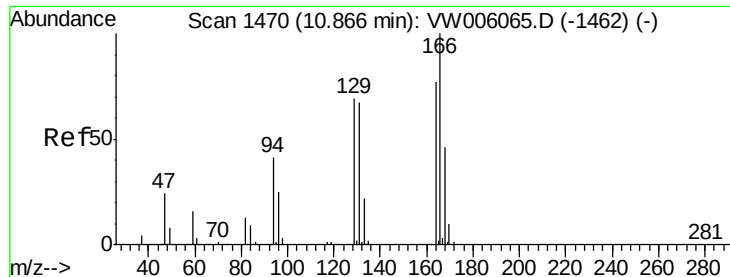
Tot Ion: 95 Resp: 165353
Ion Ratio Lower Upper
95 100
174 97.4 0.0 186.0
176 94.2 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

Tgt Ion: 117 Resp: 483600
Ion Ratio Lower Upper
117 100
82 50.9 42.1 63.1
119 31.5 25.8 38.6

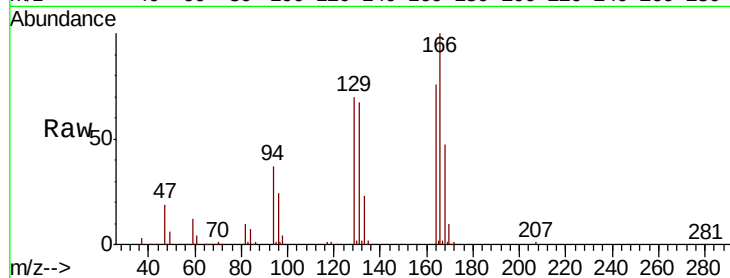




#64
Tetrachloroethene
Concen: 9.797 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

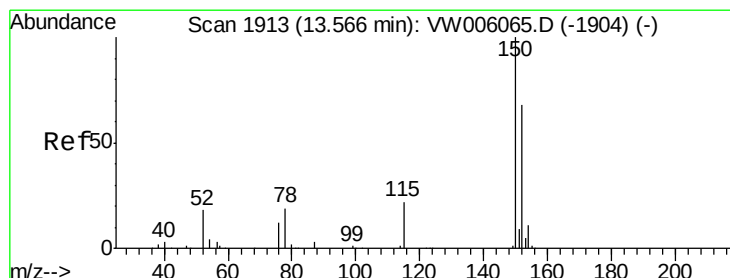
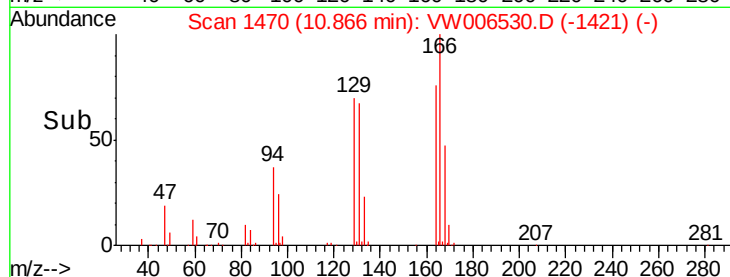
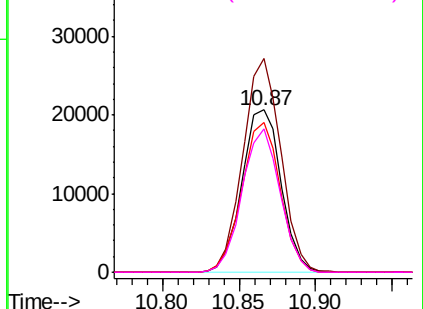
Instrument :
MSVOA_W
ClientSampleId :
SB-6

Tot Ion:164 Resp: 36781
Ion Ratio Lower Upper
164 100
166 131.8 103.4 155.0
129 92.8 71.8 107.8
131 88.2 69.5 104.3



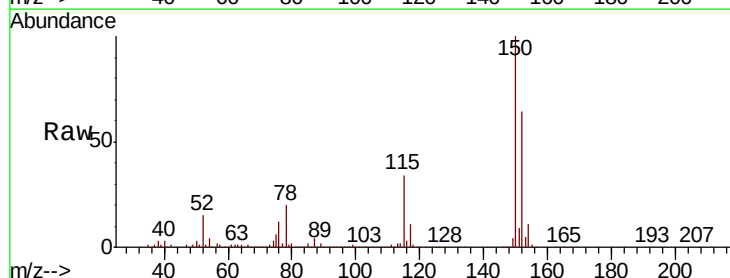
Abundance

Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



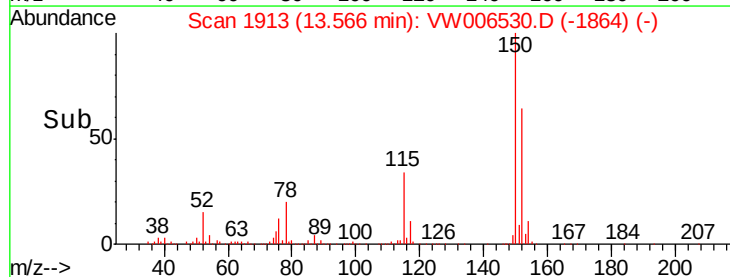
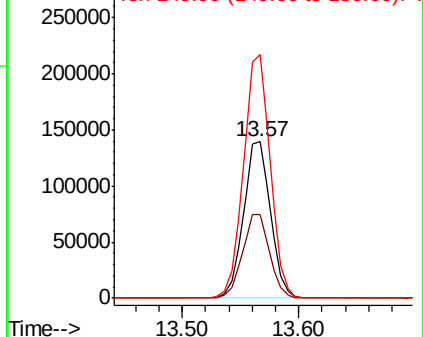
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006530.D
Acq: 31 Oct 2018 17:02

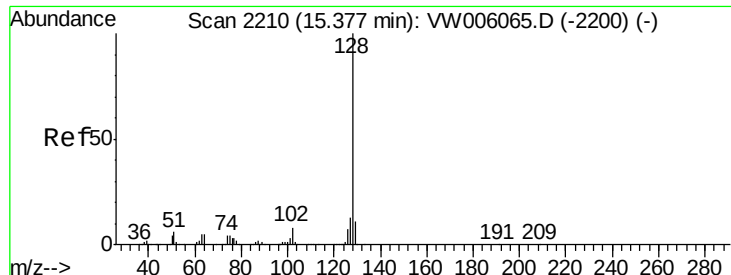
Tgt Ion:152 Resp: 224088
Ion Ratio Lower Upper
152 100
115 53.9 27.8 83.3
150 155.0 0.0 349.2



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

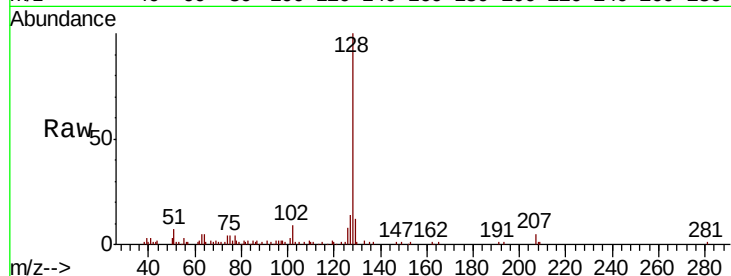




#95
 Naphthalene
 Concen: 2.879 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006530.D
 Acq: 31 Oct 2018 17:02

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	13.2	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

