

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007513.D
 Acq On : 14 Dec 2018 04:08
 Operator : SY/AP
 Sample : J6340-07RE
 Misc : 4.61G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05ARE

Quant Time: Dec 14 06:46:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

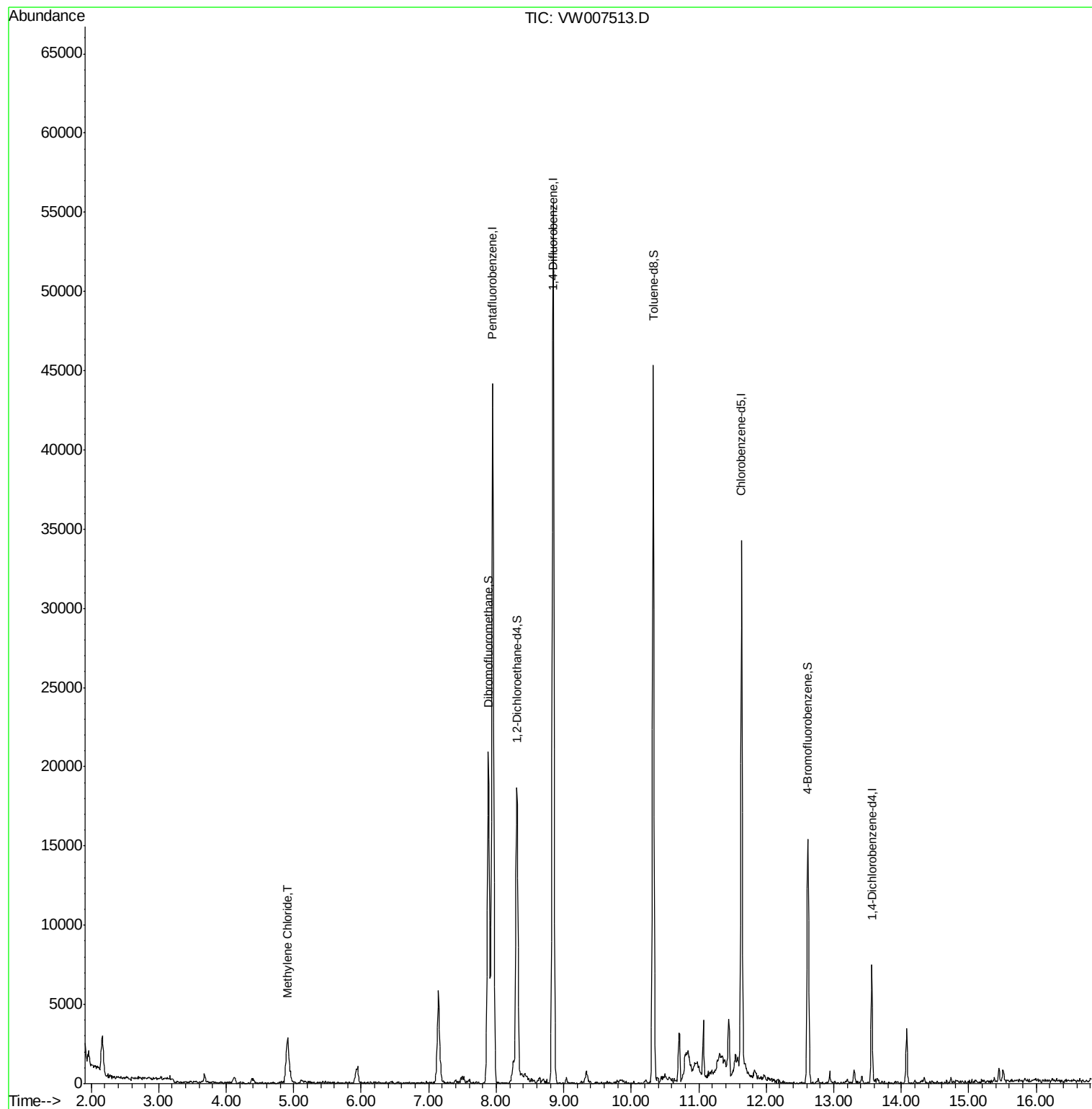
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	31594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	46510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	18208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	2053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	14921	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
35) Dibromofluoromethane	7.88	113	15546	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.44%	
50) Toluene-d8	10.32	98	31243	29.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.20%	
62) 4-Bromofluorobenzene	12.62	95	3616	9.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.64%	
Target Compounds						
20) Methylene Chloride	4.90	84	2471	3.757	ug/l #	Qvalue 80

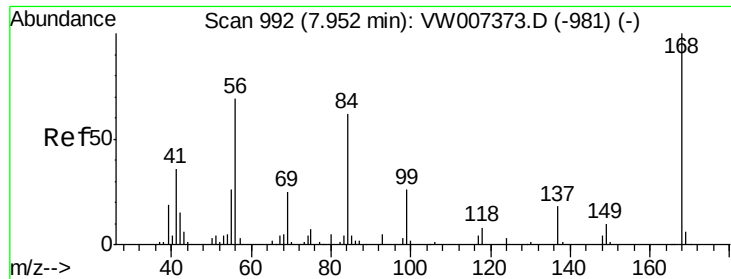
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007513.D

Acq: 14 Dec 2018 04:08

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ClientSampleId :

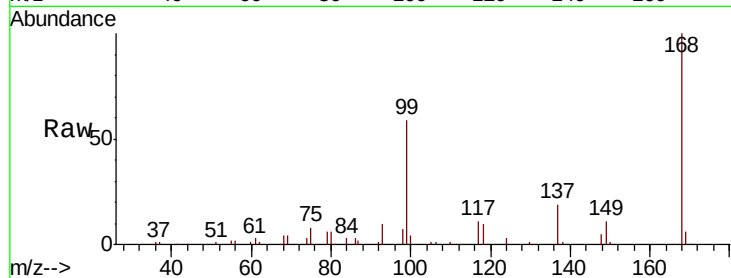
SB-05ARE

Tot Ion:168 Resp: 31594

Ion Ratio Lower Upper

168 100

99 59.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

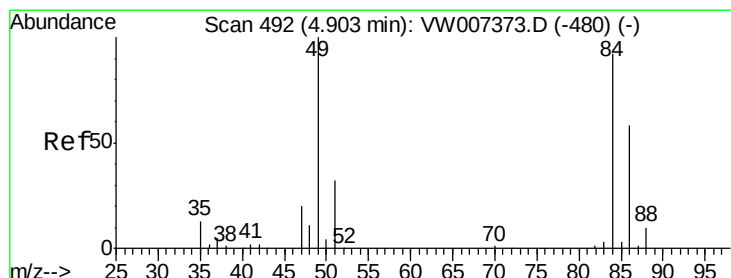
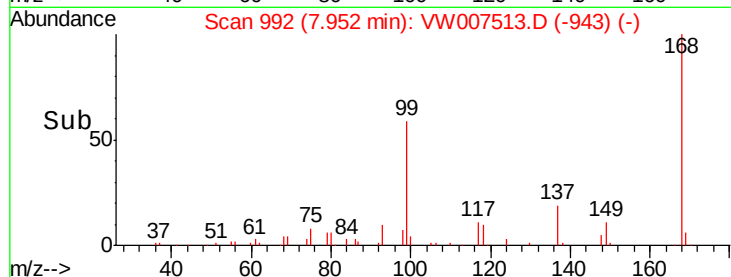
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 3.757 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW007513.D

Acq: 14 Dec 2018 04:08

Tgt Ion: 84 Resp: 2471

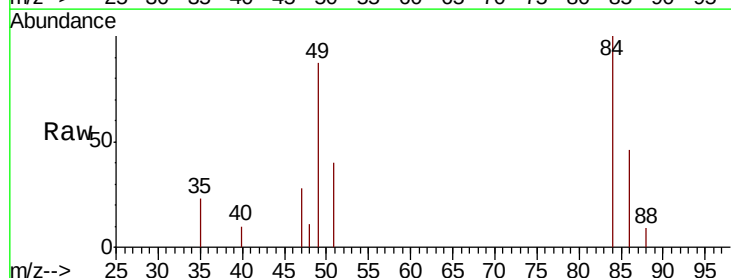
Ion Ratio Lower Upper

84 100

49 86.9 87.1 130.7#

51 40.1 28.2 42.2

86 45.5 50.8 76.2#



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

4.90

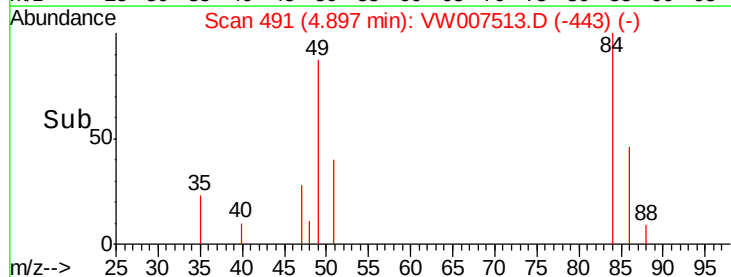
1000

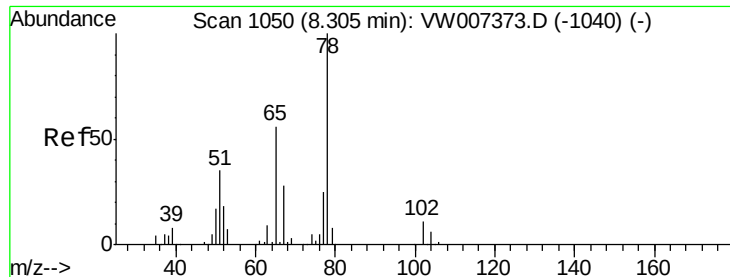
500

0

Time-->

4.80 4.90 5.00

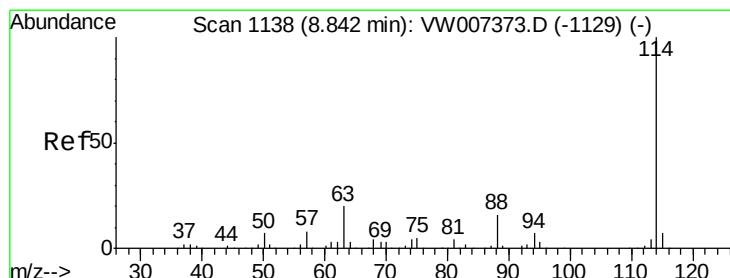
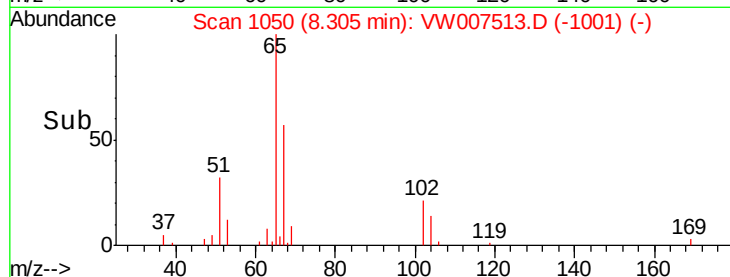
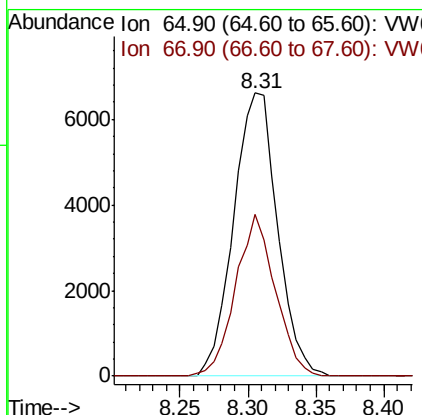
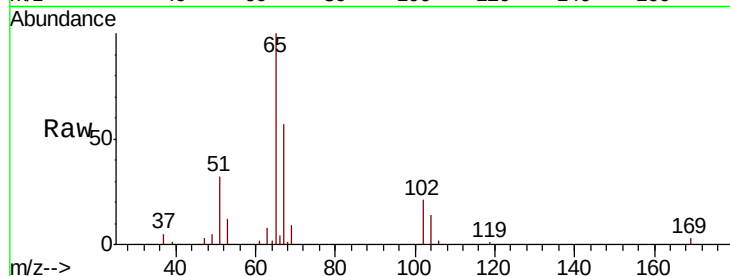




#33
 1,2-Dichloroethane-d4
 Concen: 42.569 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007513.D
 Acq: 14 Dec 2018 04:08

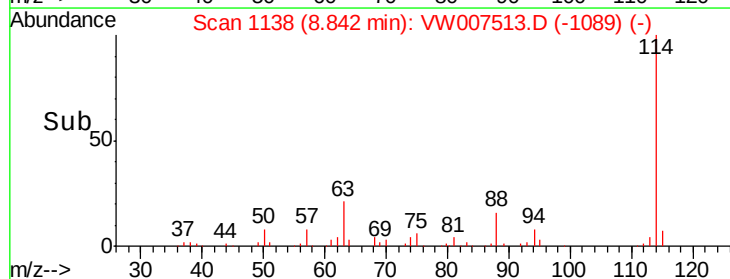
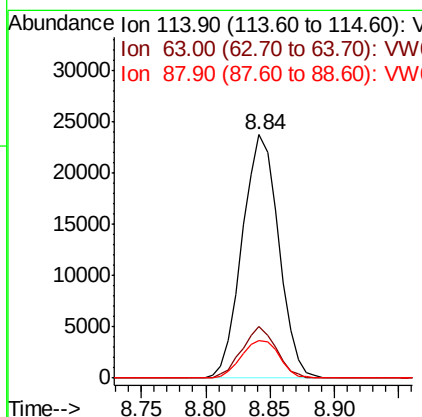
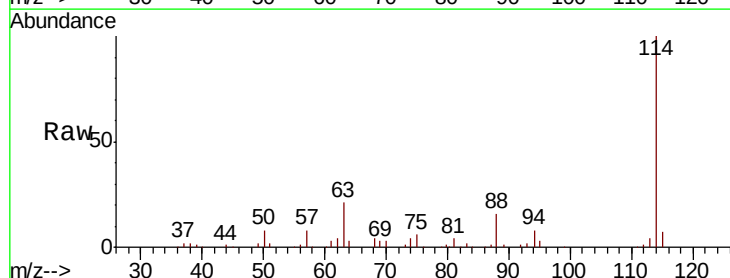
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05ARE

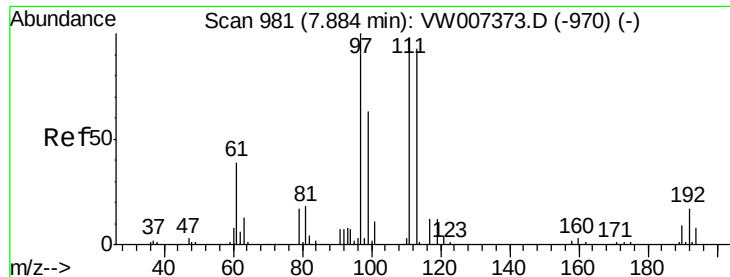
Tot Ion: 65 Resp: 14921
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007513.D
 Acq: 14 Dec 2018 04:08

Tgt Ion: 114 Resp: 46510
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.6
 88 15.6 0.0 31.4

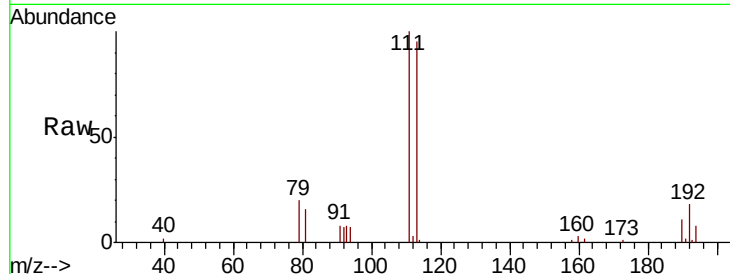




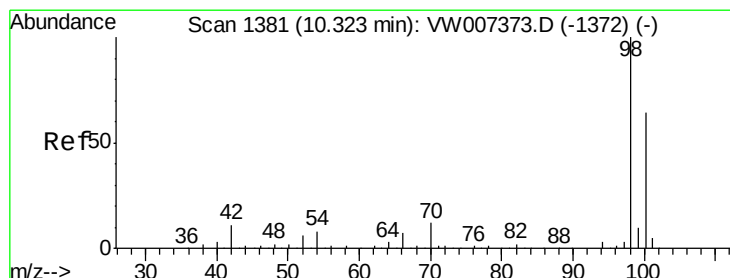
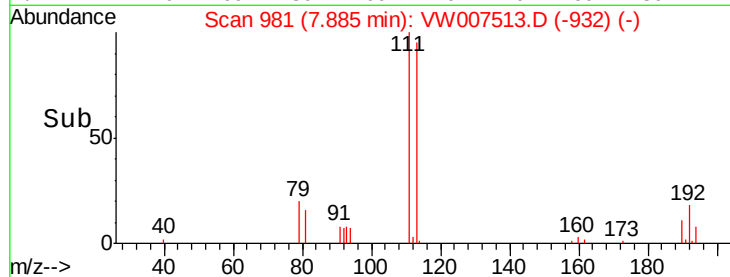
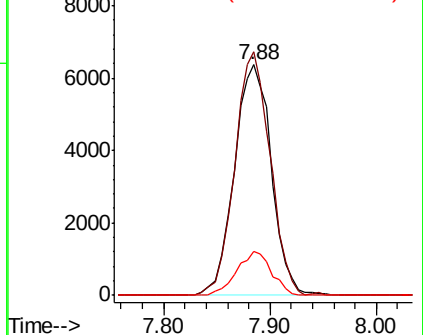
#35
 Dibromofluoromethane
 Concen: 55.217 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007513.D
 Acq: 14 Dec 2018 04:08

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05ARE

Tot Ion:113 Resp: 15546
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.1 121.7
 192 17.7 14.6 21.8

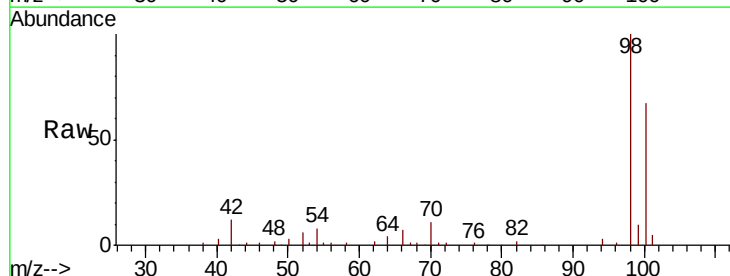


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

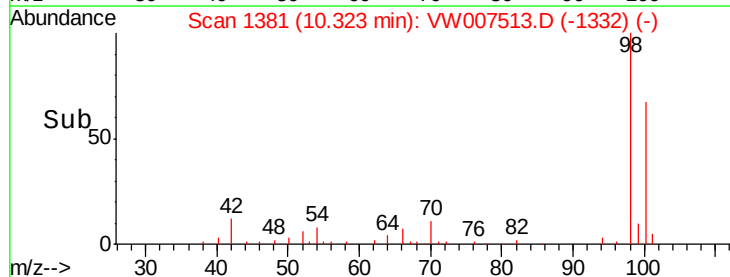
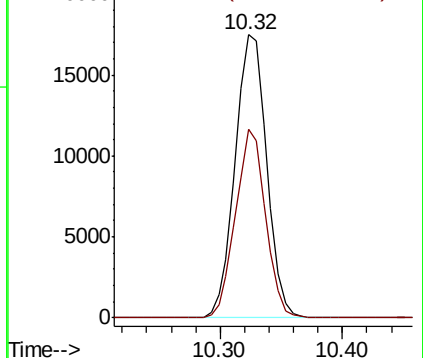


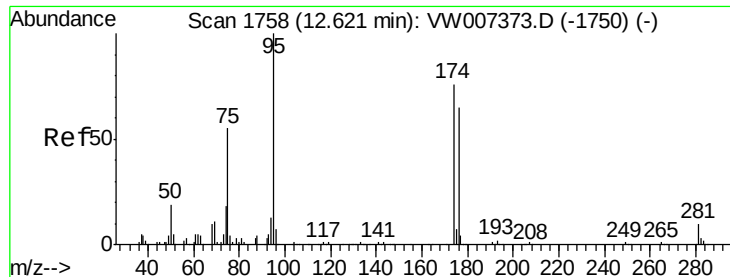
#50
 Toluene-d8
 Concen: 29.596 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW007513.D
 Acq: 14 Dec 2018 04:08

Tgt Ion: 98 Resp: 31243
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V

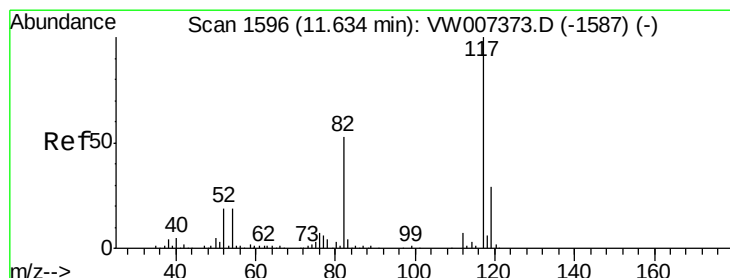
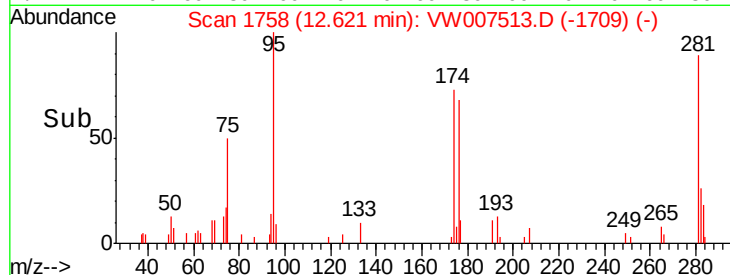
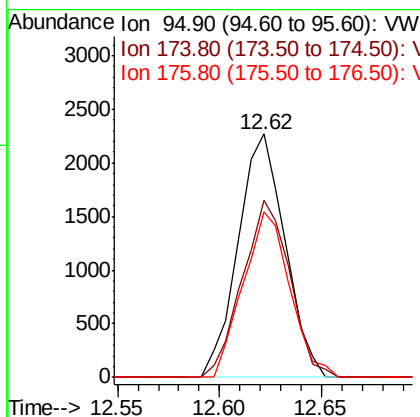
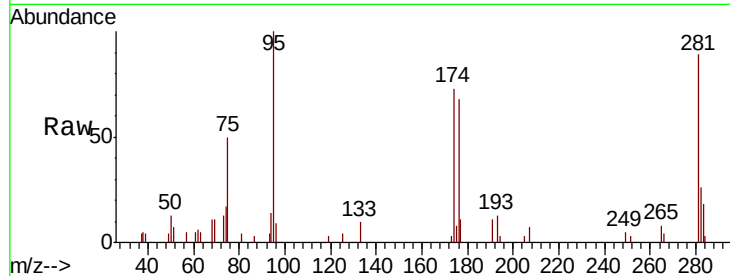




#62
4-Bromofluorobenzene
Concen: 9.317 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007513.D
Acq: 14 Dec 2018 04:08

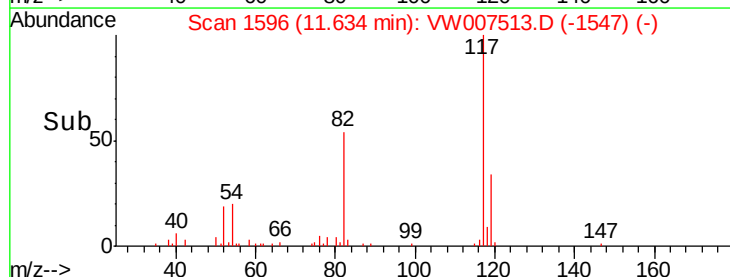
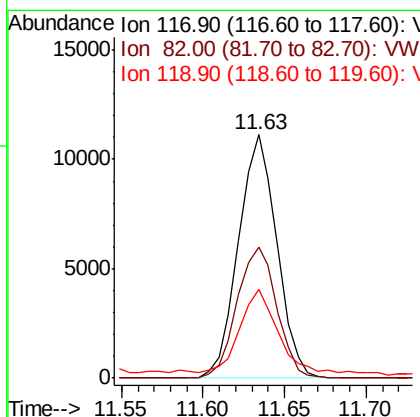
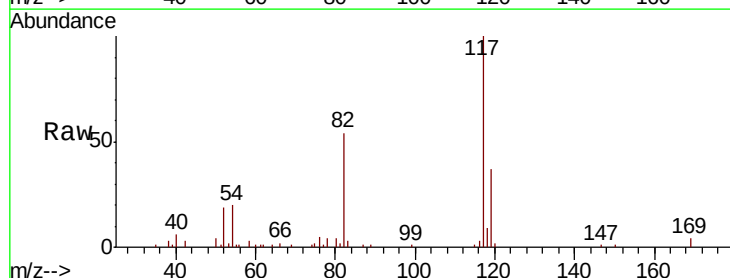
Instrument :
MSVOA_W
ClientSampleId :
SB-05ARE

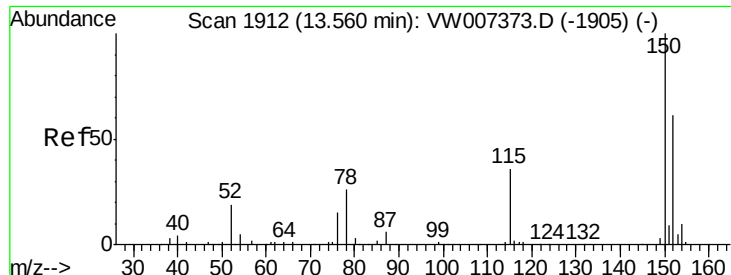
Tot Ion: 95 Resp: 3616
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.2
176 67.9 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007513.D
Acq: 14 Dec 2018 04:08

Tgt Ion: 117 Resp: 18208
Ion Ratio Lower Upper
117 100
82 53.6 42.3 63.5
119 34.4 23.0 34.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: VW007513.D
 Acq: 14 Dec 2018 04:08

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05ARE

Tot Ion:152 Resp: 2053
 Ion Ratio Lower Upper
 152 100
 115 67.1 31.4 94.2
 150 174.8 0.0 358.4

