

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007670.D
 Acq On : 18 Dec 2018 20:20
 Operator : SY/AP
 Sample : J6362-01
 Misc : 4.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P-1

Quant Time: Dec 19 05:37:51 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

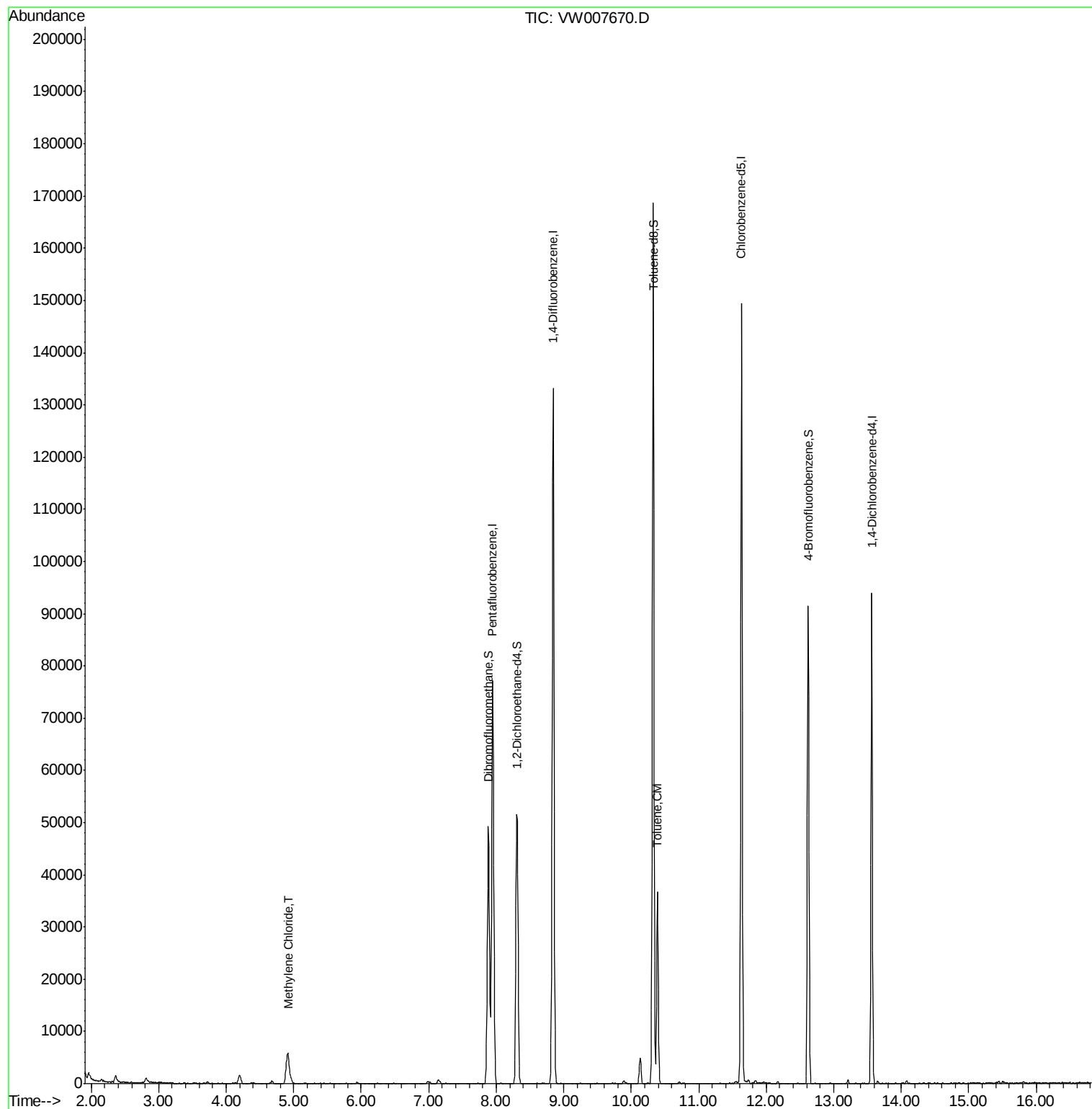
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	57233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	82794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	24168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43821	69.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.02%	
35) Dibromofluoromethane	7.88	113	35336	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	10.32	98	113730	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
62) 4-Bromofluorobenzene	12.62	95	30855	32.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.52%	
Target Compounds						
20) Methylene Chloride	4.91	84	5672	5.896	ug/l	88
52) Toluene	10.39	92	16177	8.747	ug/l	97

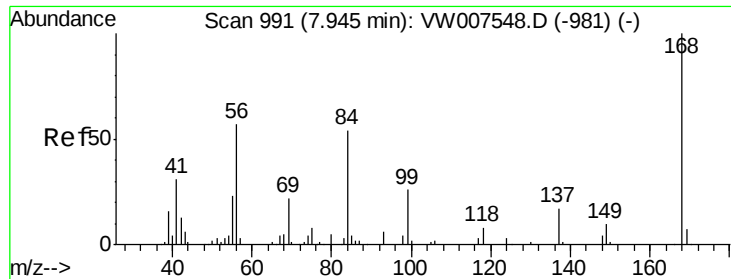
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007670.D

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MSVOA_W

ClientSampleId :

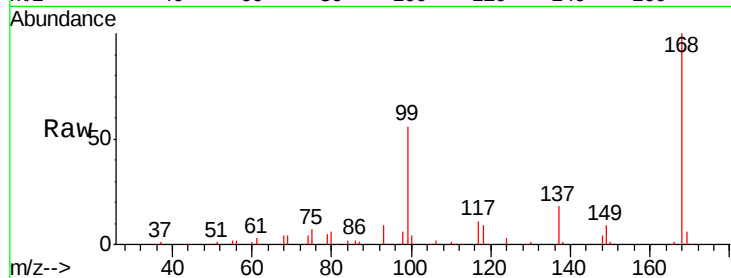
P-1

Tgt Ion:168 Resp: 57233

Ion Ratio Lower Upper

168 100

99 56.4 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

30000

25000

20000

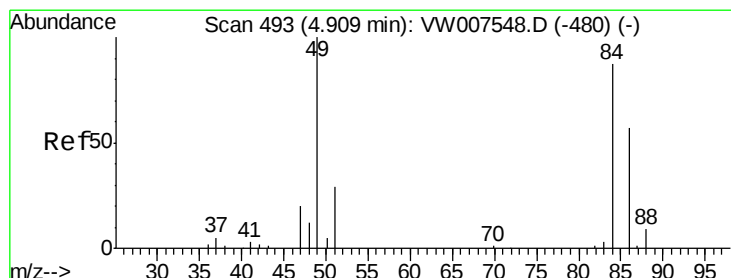
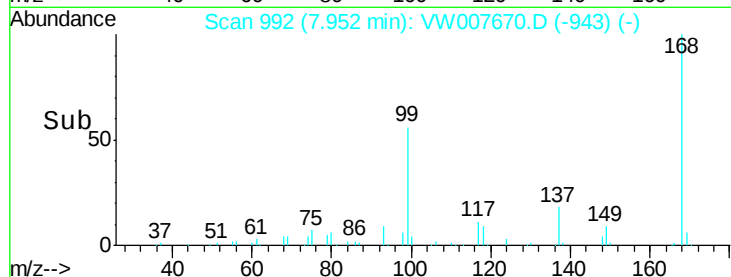
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 5.896 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007670.D

Acq: 18 Dec 2018 20:20

Tgt Ion: 84 Resp: 5672

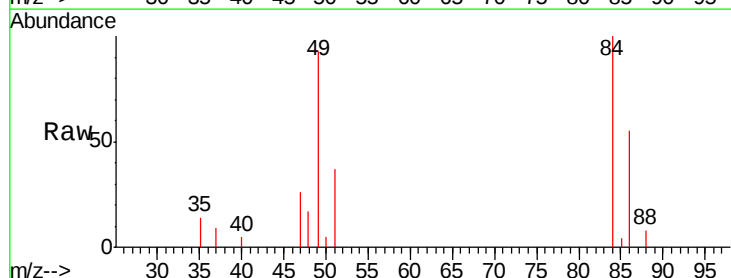
Ion Ratio Lower Upper

84 100

49 92.6 87.1 130.7

51 36.8 28.2 42.2

86 55.1 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

2500

2000

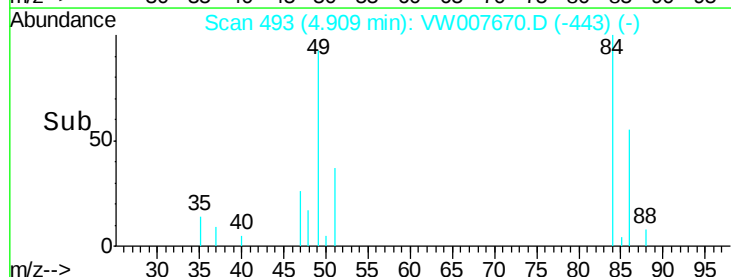
1500

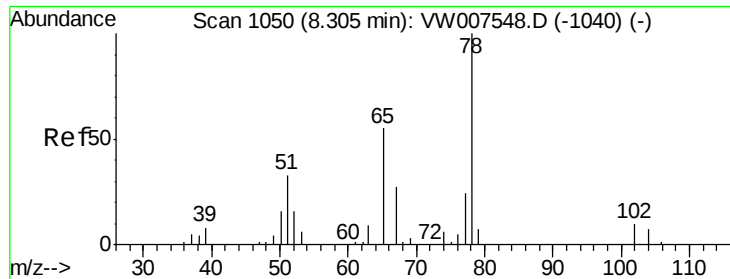
1000

500

0

Time-->

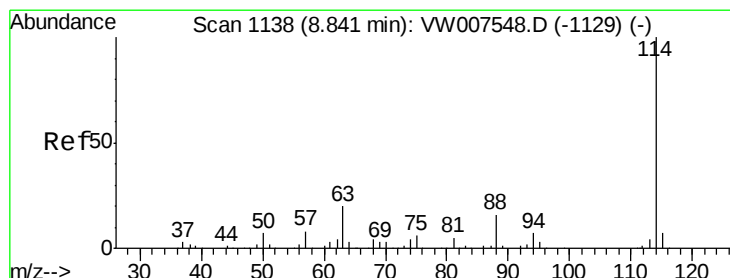
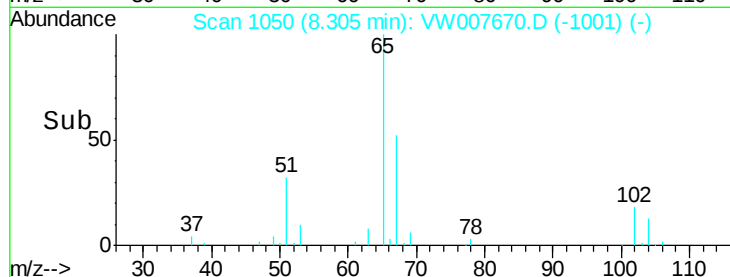
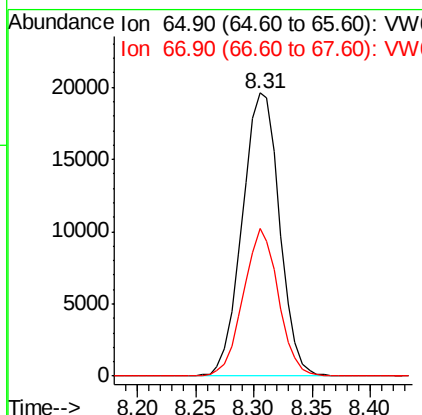
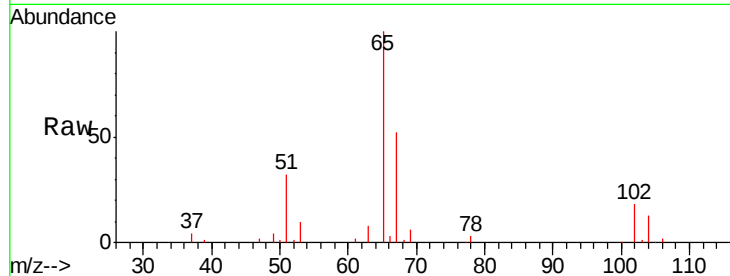




#33
 1,2-Dichloroethane-d4
 Concen: 69.014 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007670.D
 Acq: 18 Dec 2018 20:20

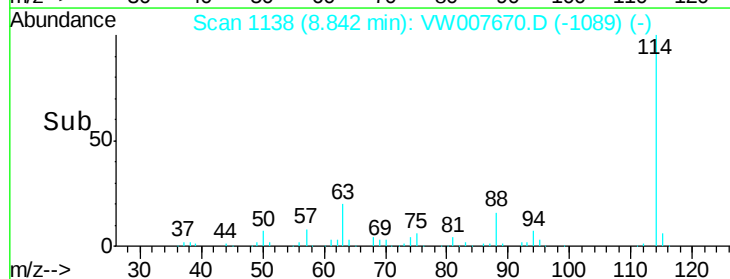
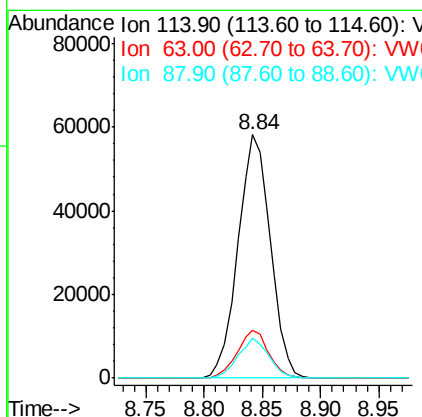
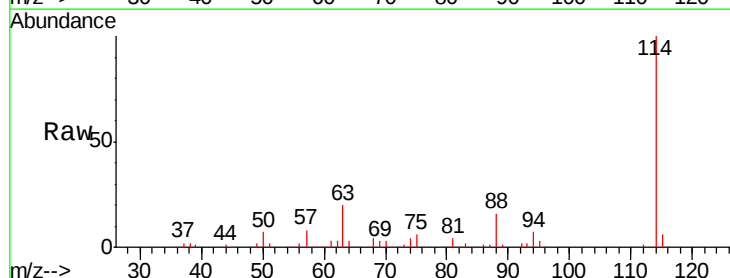
Instrument :
 MSVOA_W
 ClientSampled :
 P-1

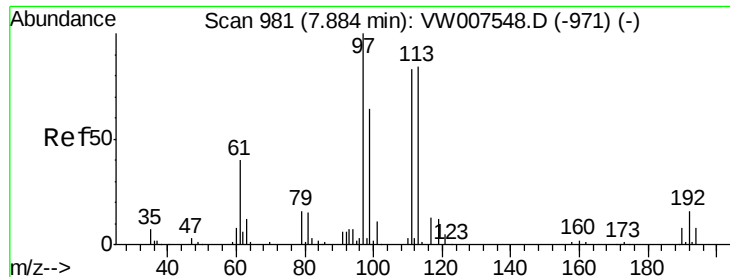
Tgt Ion: 65 Resp: 43821
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007670.D
 Acq: 18 Dec 2018 20:20

Tgt Ion: 114 Resp: 112880
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 16.3 0.0 31.4

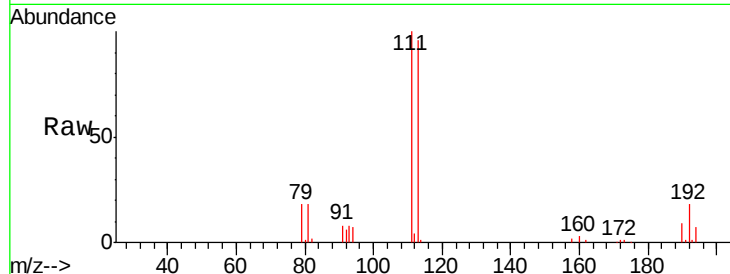




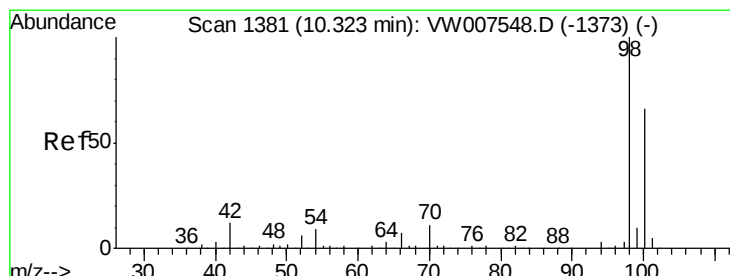
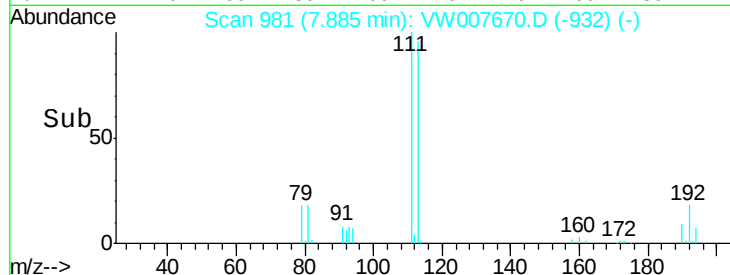
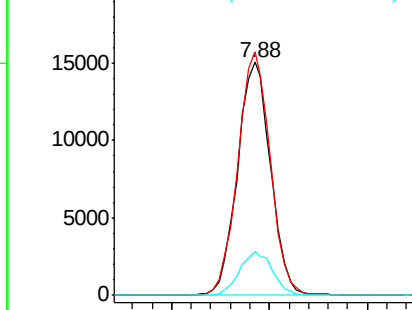
#35
 Dibromofluoromethane
 Concen: 51.713 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007670.D
 Acq: 18 Dec 2018 20:20

Instrument :
 MSVOA_W
 ClientSampleId :
 P-1

Tgt Ion: 113 Resp: 35336
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.1 121.7
 192 18.7 14.6 21.8

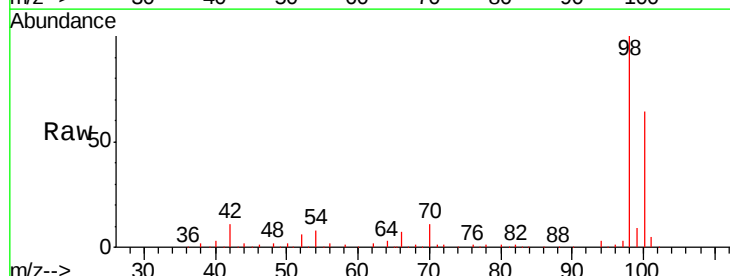


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

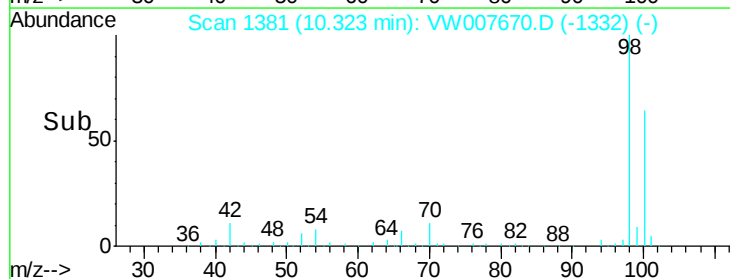
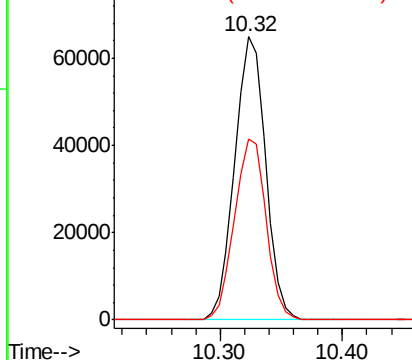


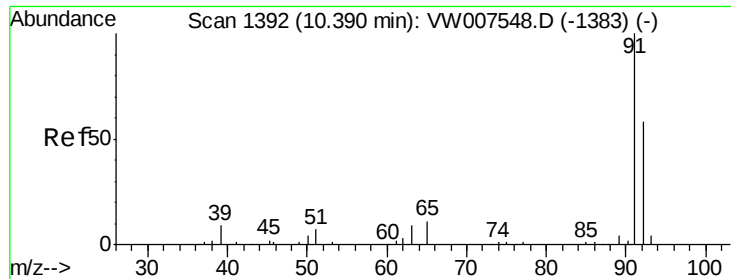
#50
 Toluene-d8
 Concen: 44.391 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW007670.D
 Acq: 18 Dec 2018 20:20

Tgt Ion: 98 Resp: 113730
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.8 77.8



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





#52

Toluene

Concen: 8.747 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007670.D

Acq: 18 Dec 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

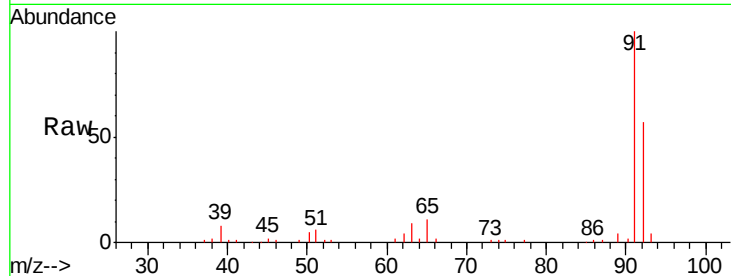
P-1

Tgt Ion: 92 Resp: 16177

Ion Ratio Lower Upper

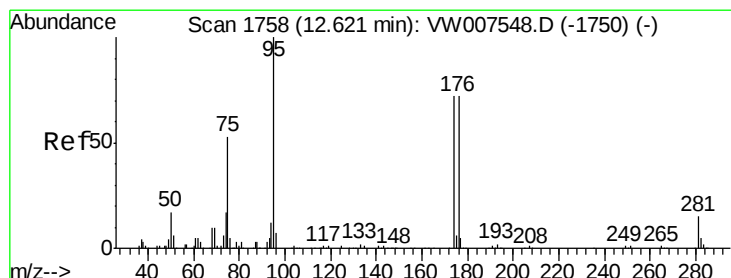
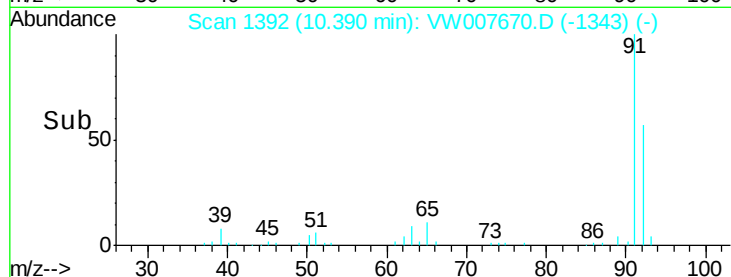
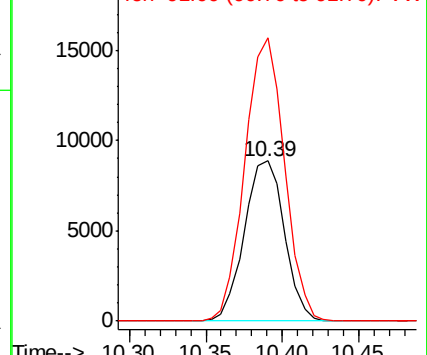
92 100

91 174.1 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 32.755 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007670.D

Acq: 18 Dec 2018 20:20

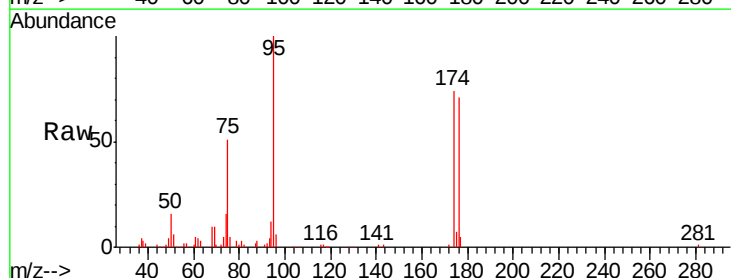
Tgt Ion: 95 Resp: 30855

Ion Ratio Lower Upper

95 100

174 77.5 0.0 147.2

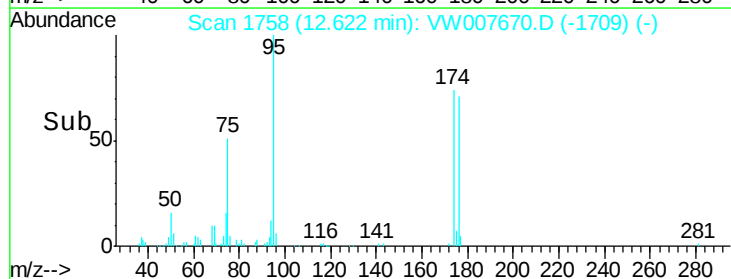
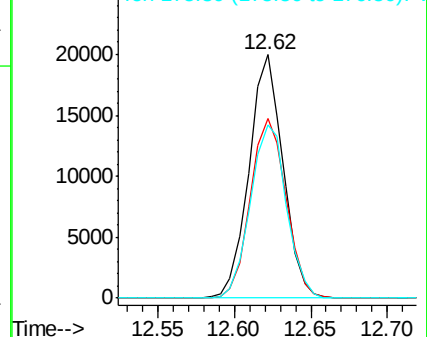
176 75.5 0.0 138.8

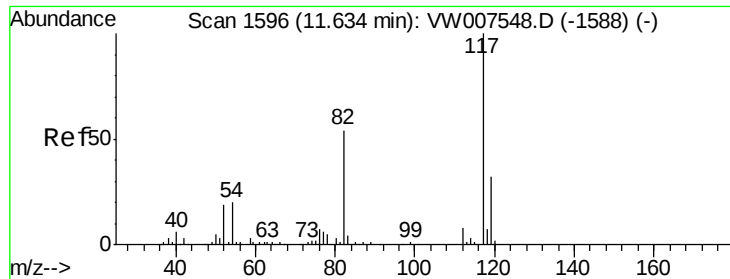


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

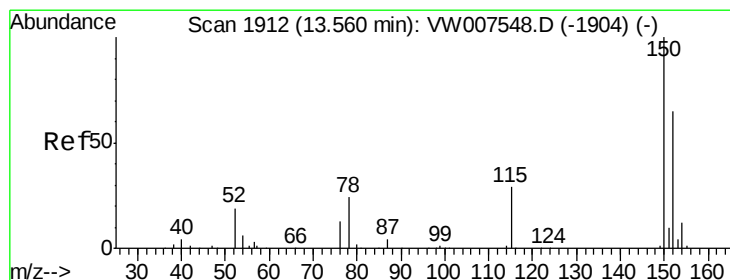
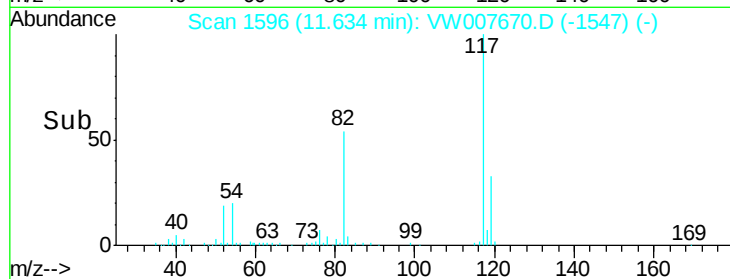
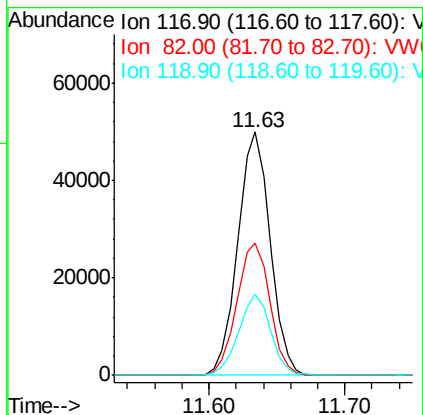
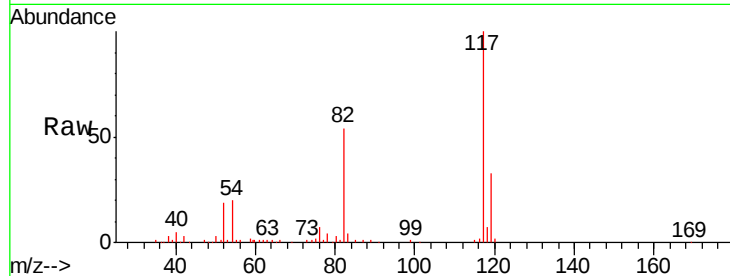




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007670.D
Acq: 18 Dec 2018 20:20

Instrument :
MSVOA_W
ClientSampled :
P-1

Tgt Ion:117 Resp: 82794
Ion Ratio Lower Upper
117 100
82 54.3 42.3 63.5
119 33.0 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007670.D
Acq: 18 Dec 2018 20:20

Tgt Ion:152 Resp: 24168
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.2
150 160.2 0.0 358.4

