

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007669.D
 Acq On : 18 Dec 2018 19:54
 Operator : SY/AP
 Sample : J6353-10
 Misc : 4.18G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS007-0002-01

Quant Time: Dec 19 05:37:01 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

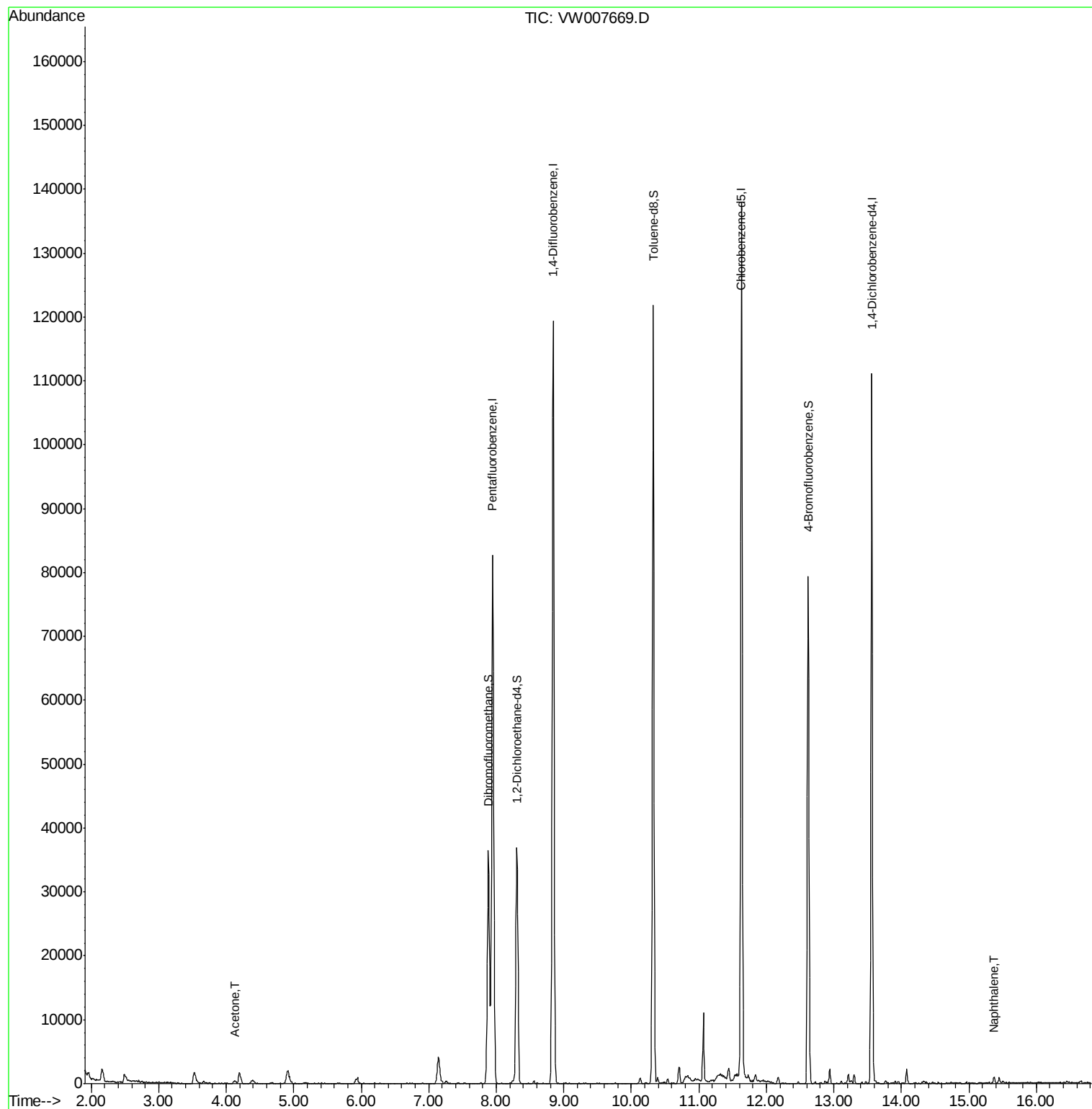
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	60872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	102905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	28826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	30476	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
35) Dibromofluoromethane	7.88	113	25501	40.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.88%	
50) Toluene-d8	10.32	98	81129	34.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.48%	
62) 4-Bromofluorobenzene	12.62	95	25239	29.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.78%	
Target Compounds						
16) Acetone	4.12	43	947	8.028	ug/l #	75
95) Naphthalene	15.38	128	1266	1.100	ug/l #	89

(#) = 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# 991

Delta R.T. -0.01 min

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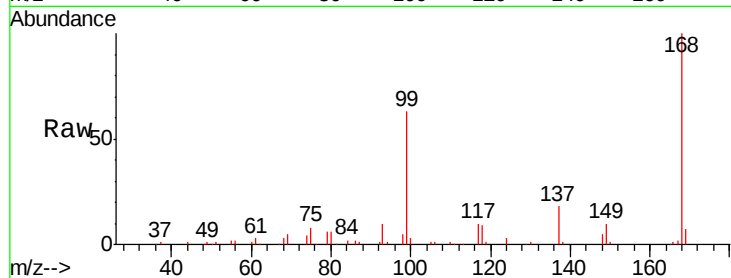
P001-SS007-0002-01

Tgt Ion:168 Resp: 60872

Ion Ratio Lower Upper

168 100

99 62.7 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

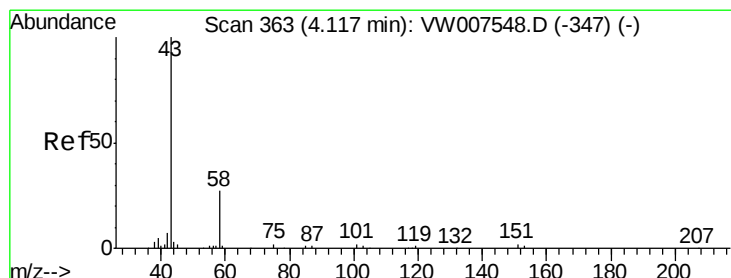
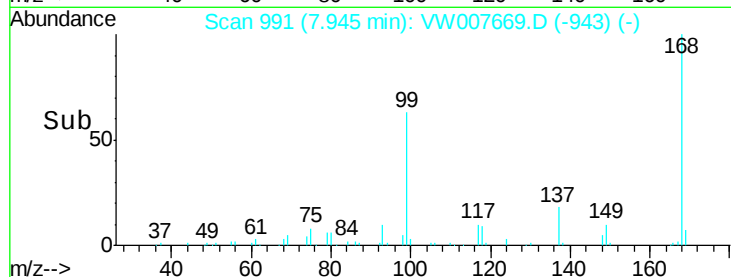
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 8.028 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007669.D

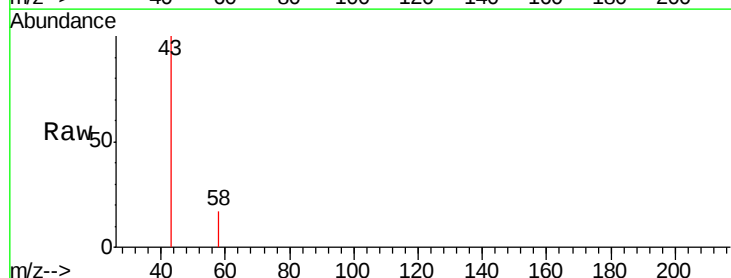
Acq: 18 Dec 2018 19:54

Tgt Ion: 43 Resp: 947

Ion Ratio Lower Upper

43 100

58 17.4 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

400

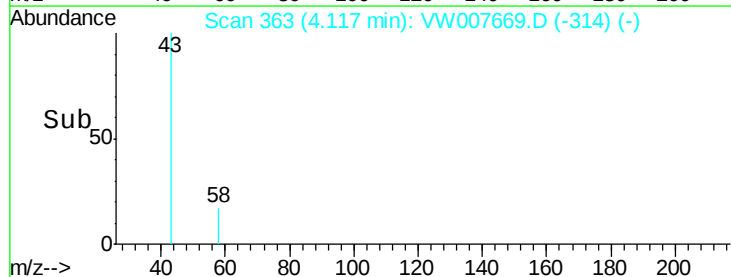
300

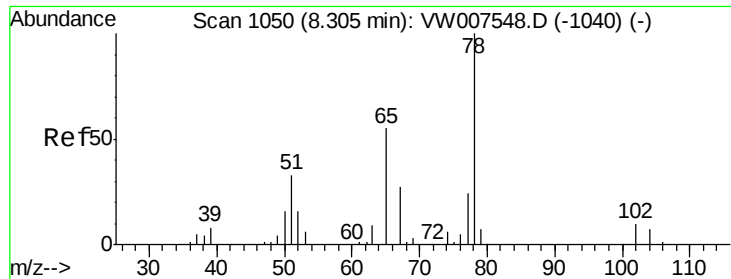
200

100

0

Time-->

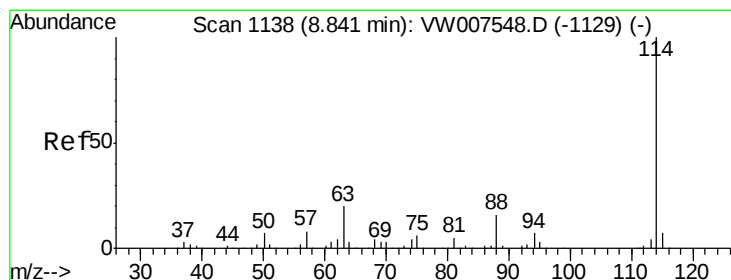
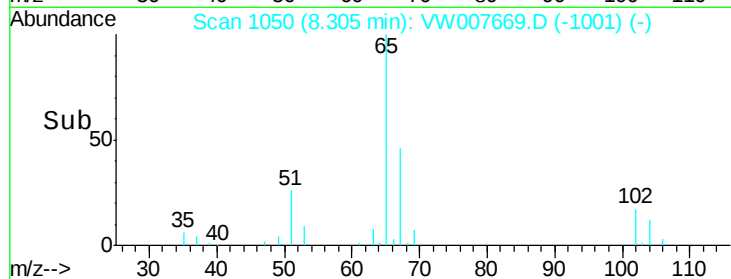
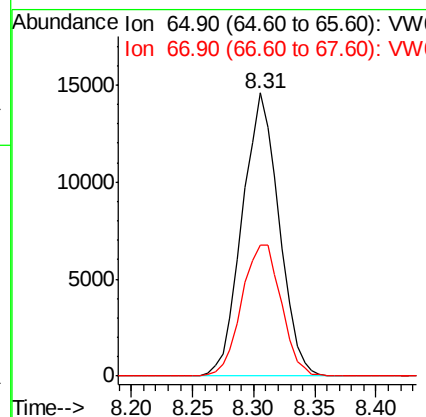
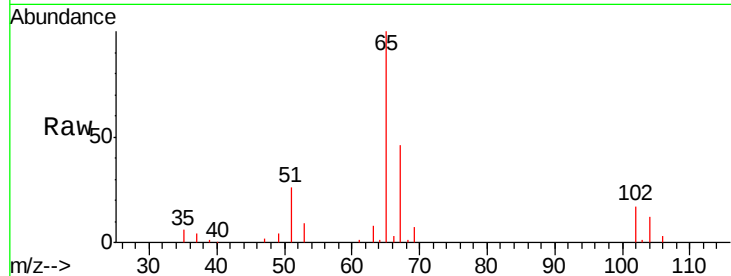




#33
 1,2-Dichloroethane-d4
 Concen: 45.128 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007669.D
 Acq: 18 Dec 2018 19:54

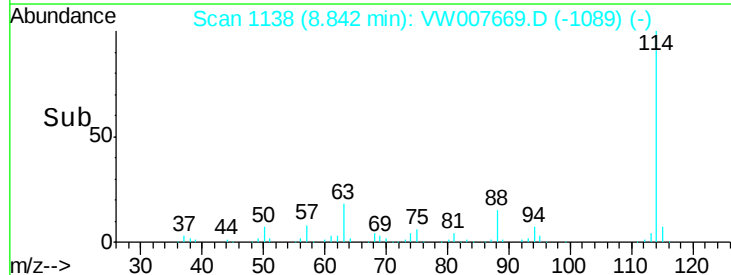
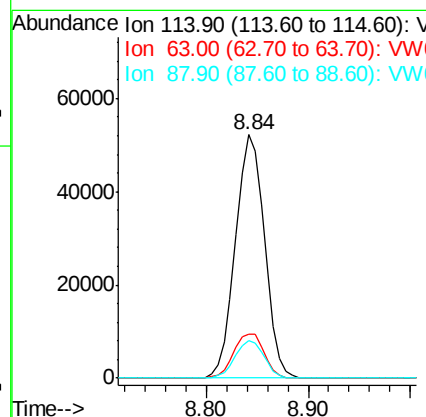
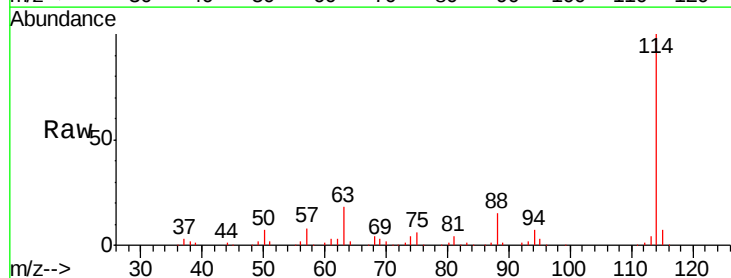
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS007-0002-01

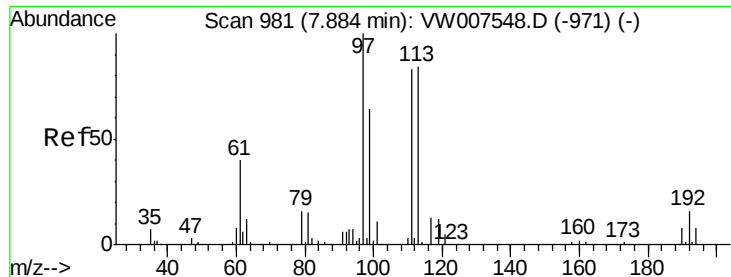
Tgt Ion: 65 Resp: 30476
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007669.D
 Acq: 18 Dec 2018 19:54

Tgt Ion: 114 Resp: 102905
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.6
 88 15.4 0.0 31.4

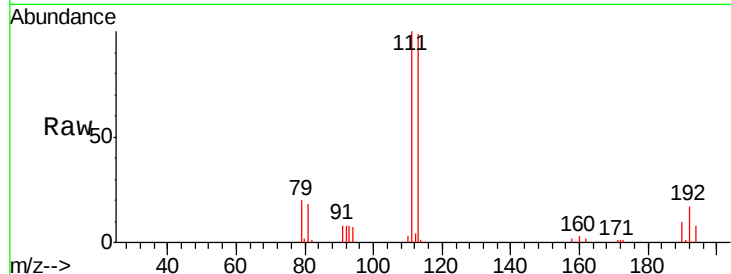




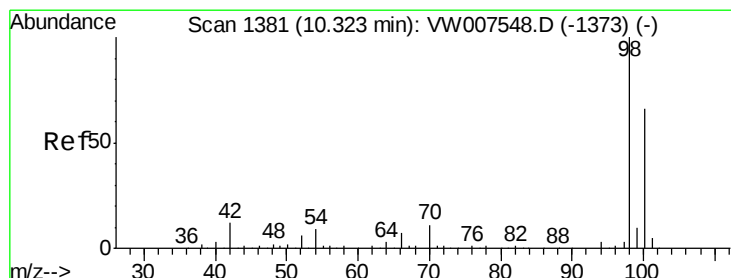
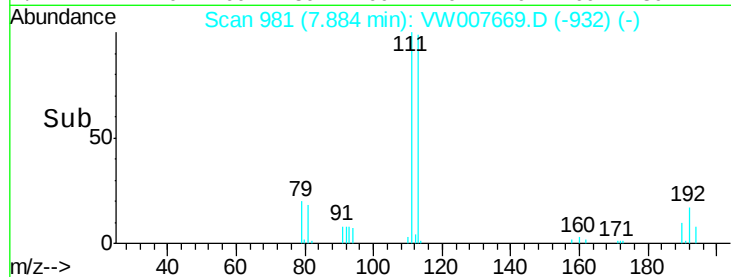
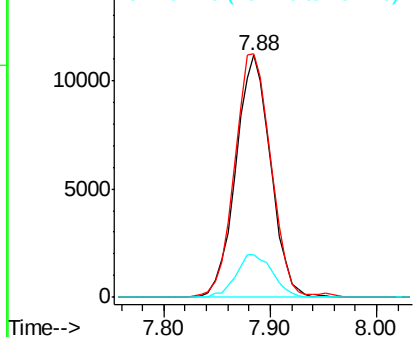
#35
 Dibromofluoromethane
 Concen: 40.937 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007669.D
 Acq: 18 Dec 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS007-0002-01

Tgt Ion: 113 Resp: 25501
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.1 121.7
 192 18.6 14.6 21.8

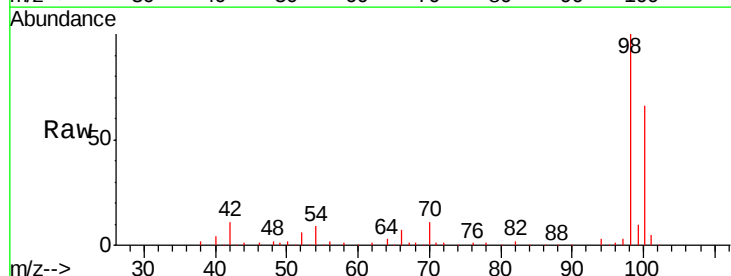


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

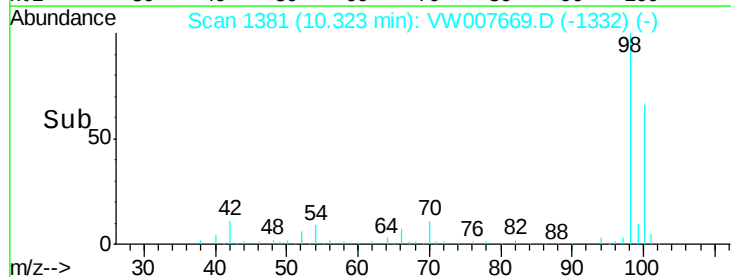
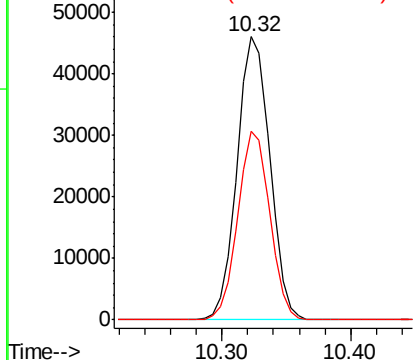


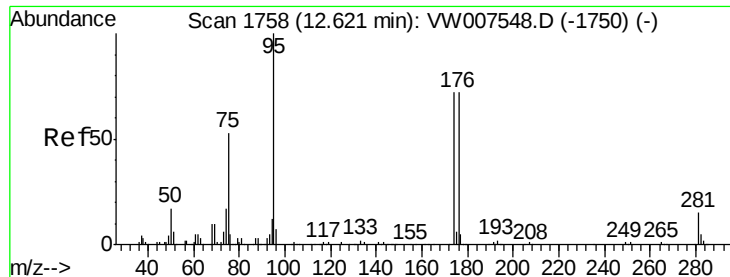
#50
 Toluene-d8
 Concen: 34.735 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007669.D
 Acq: 18 Dec 2018 19:54

Tgt Ion: 98 Resp: 81129
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.8 77.8



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





#62

4-Bromofluorobenzene

Concen: 29.390 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

P001-SS007-0002-01

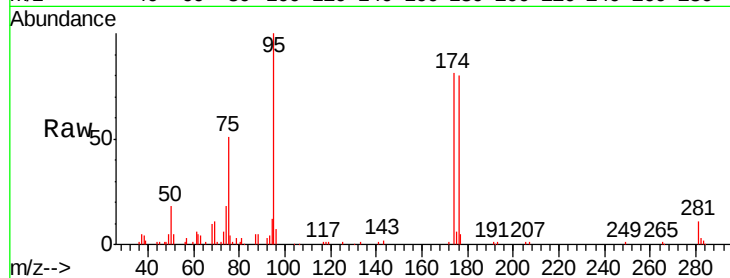
Tgt Ion: 95 Resp: 25239

Ion Ratio Lower Upper

95 100

174 76.1 0.0 147.2

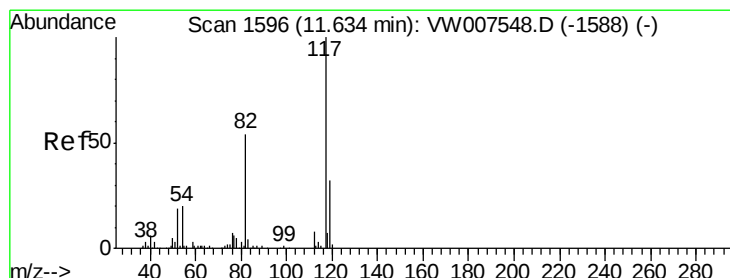
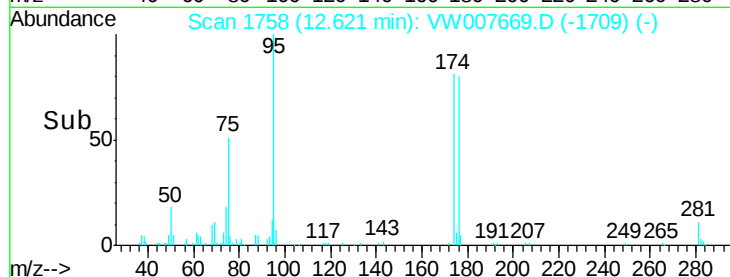
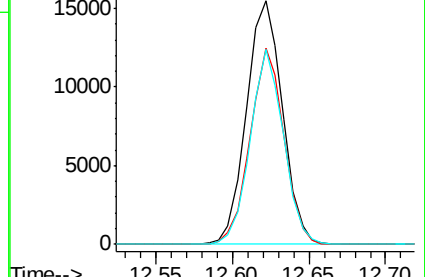
176 74.1 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

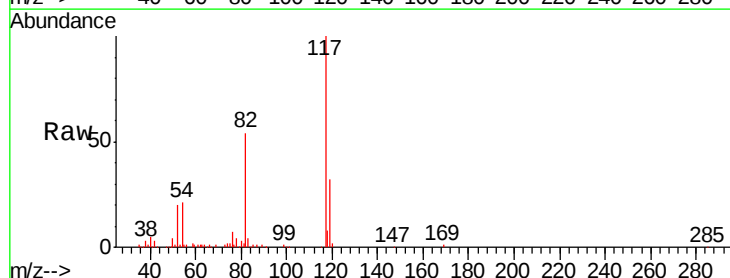
Tgt Ion: 117 Resp: 77499

Ion Ratio Lower Upper

117 100

82 54.1 42.3 63.5

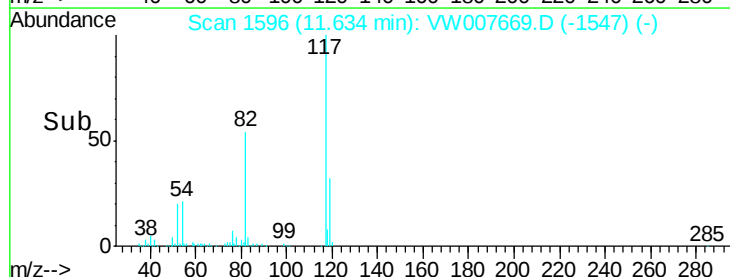
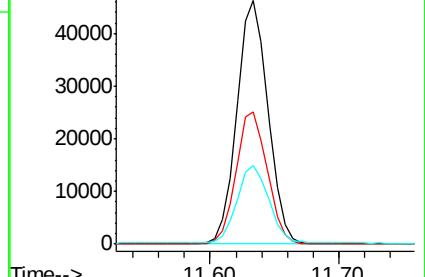
119 31.8 23.0 34.6

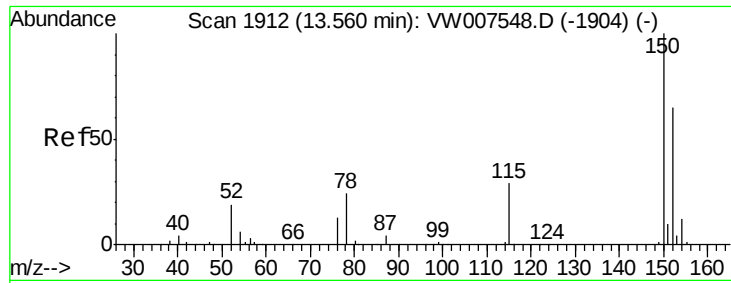


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

P001-SS007-0002-01

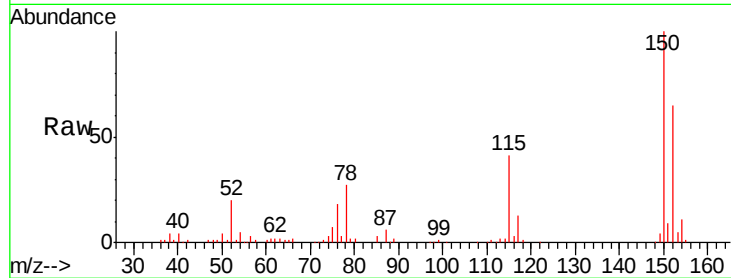
Tgt Ion:152 Resp: 28826

Ion Ratio Lower Upper

152 100

115 61.6 31.4 94.2

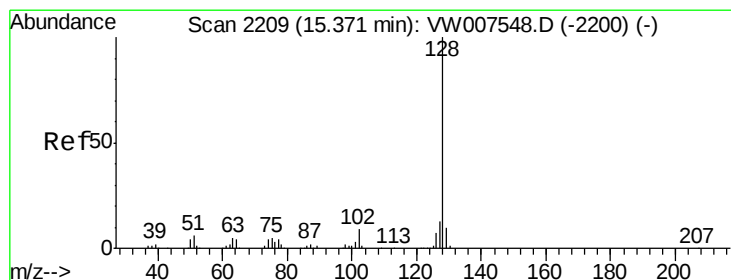
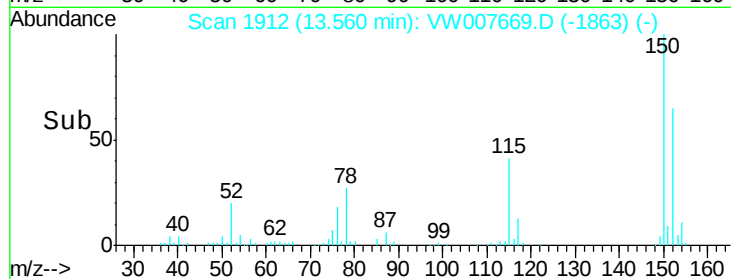
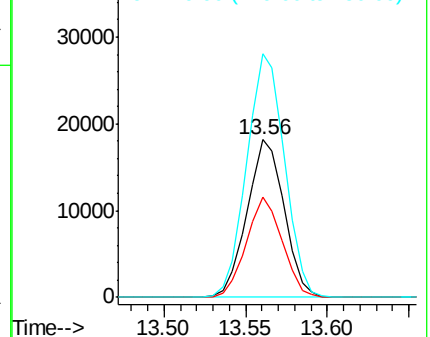
150 157.0 0.0 358.4



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: 1.100 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW007669.D

Acq: 18 Dec 2018 19:54

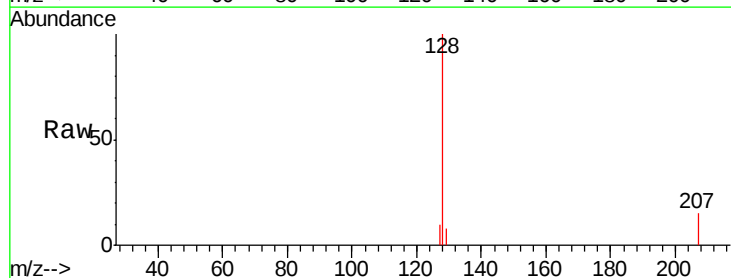
Tgt Ion:128 Resp: 1266

Ion Ratio Lower Upper

128 100

127 9.3 10.2 15.4#

129 5.5 8.3 12.5#



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

