

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121318\
 Data File : VW007418.D
 Acq On : 12 Dec 2018 03:04
 Operator : SY/AP
 Sample : J6275-04
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-04-120418

Quant Time: Dec 12 06:13:19 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

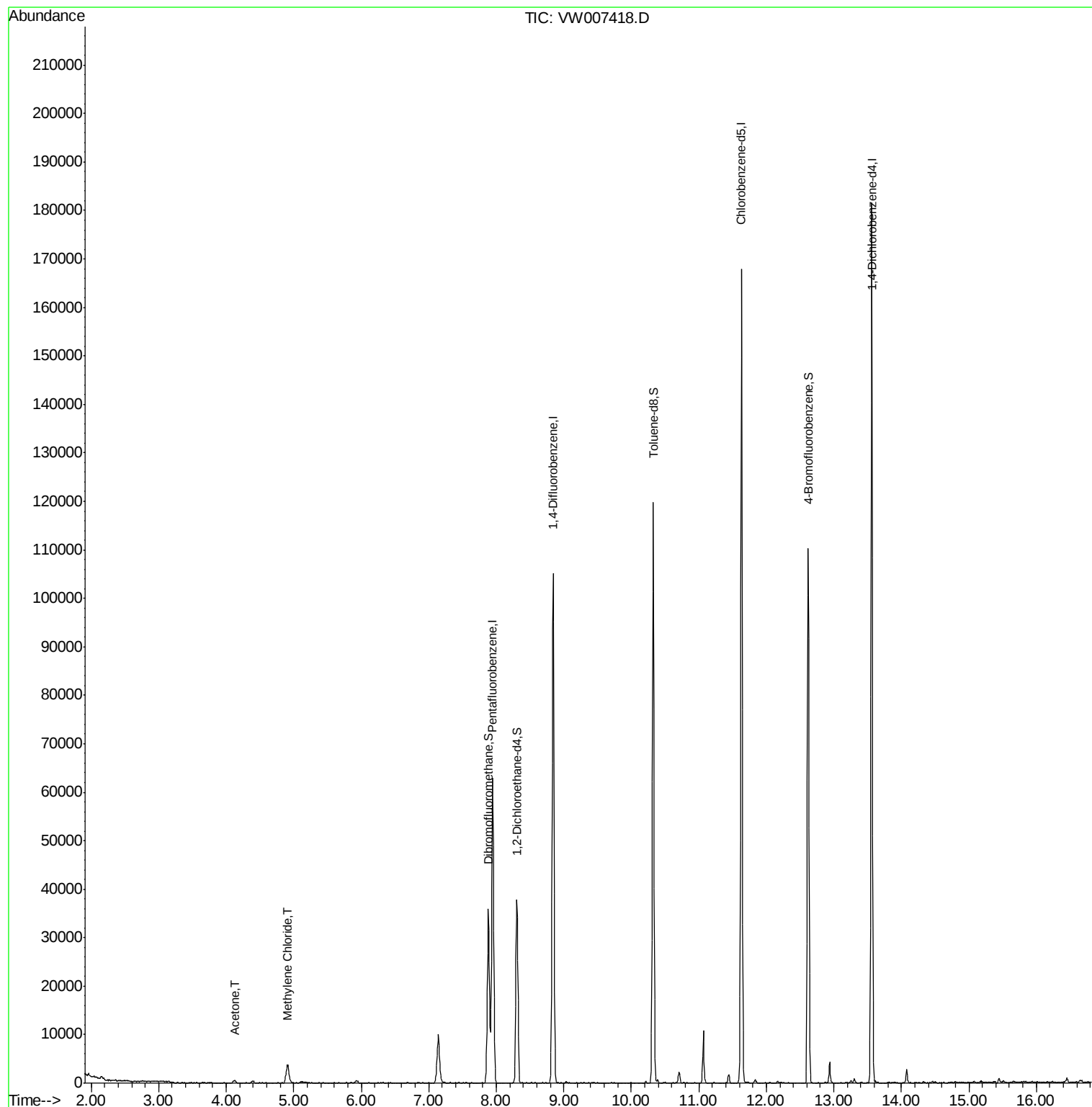
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	45060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	89041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	91939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	30533	61.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.16%	
35) Dibromofluoromethane	7.88	113	25576	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	10.32	98	80824	39.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.98%	
62) 4-Bromofluorobenzene	12.62	95	36244	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
Target Compounds						
16) Acetone	4.13	43	1282	14.682	ug/l	95
20) Methylene Chloride	4.90	84	2987	2.536	ug/l	97

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007418.D

Acq: 12 Dec 2018 03:04

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MSVOA_W

ClientSampleId :

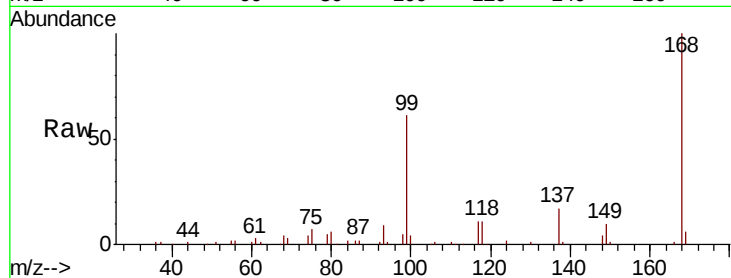
BF-04-120418

Tot Ion:168 Resp: 45060

Ion Ratio Lower Upper

168 100

99 61.1 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

25000

20000

15000

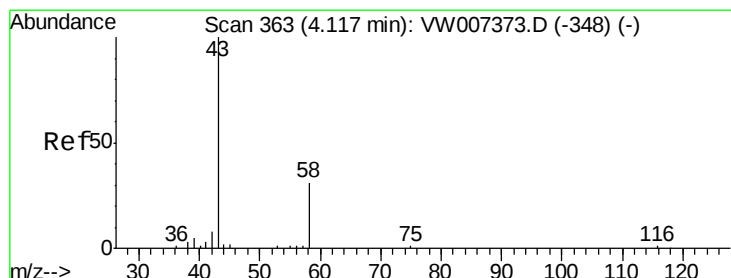
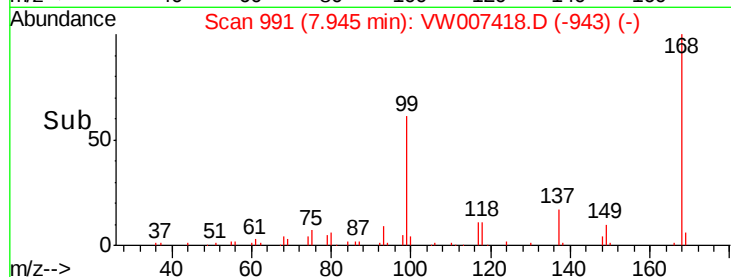
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 14.682 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007418.D

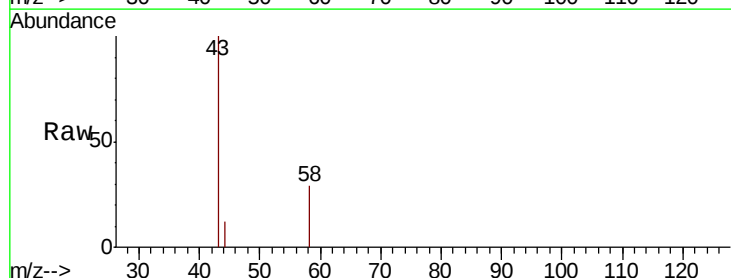
Acq: 12 Dec 2018 03:04

Tgt Ion: 43 Resp: 1282

Ion Ratio Lower Upper

43 100

58 28.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

500

400

300

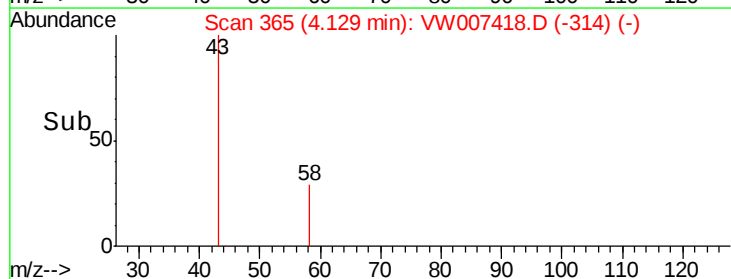
200

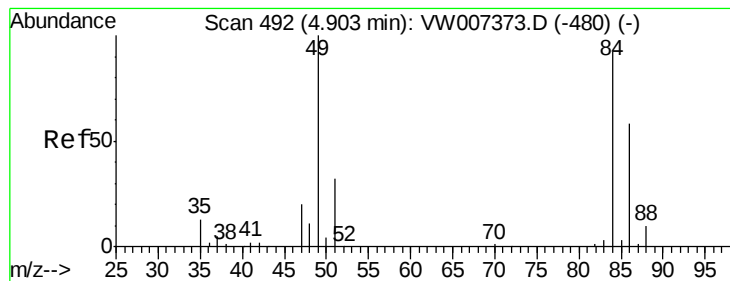
100

0

Time-->

4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: 2.536 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007418.D

Acq: 12 Dec 2018 03:04

Instrument :

MSVOA_W

ClientSampleId :

BF-04-120418

Tot Ion: 84 Resp: 2987

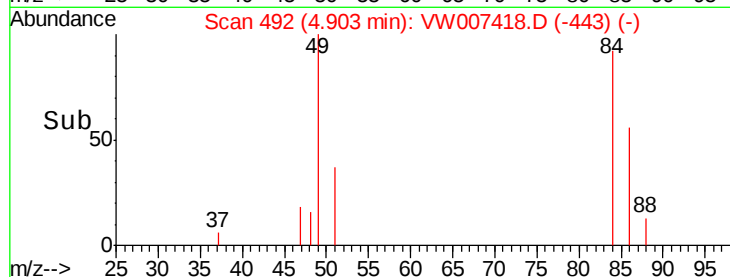
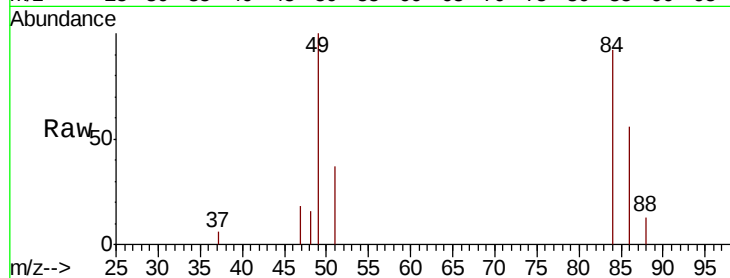
Ion Ratio Lower Upper

84 100

49 109.0 87.1 130.7

51 40.4 28.2 42.2

86 60.8 50.8 76.2

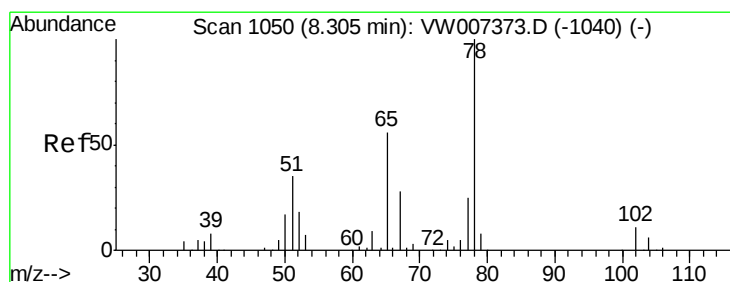
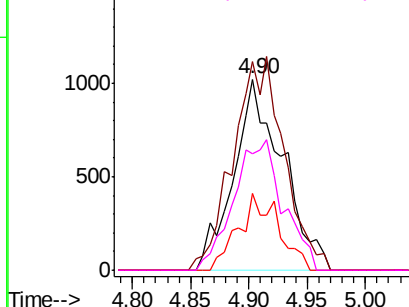


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 61.078 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007418.D

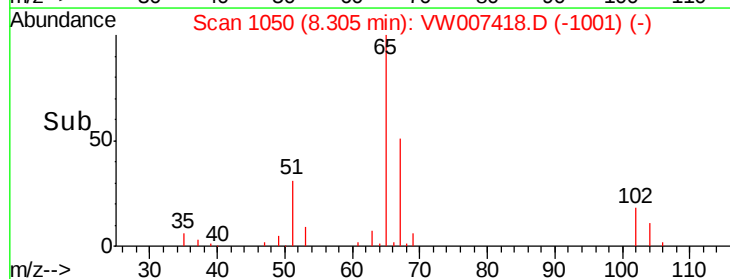
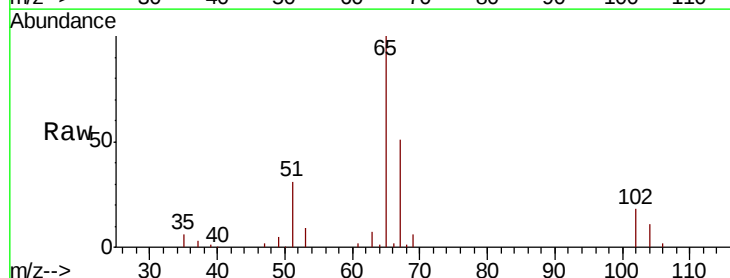
Acq: 12 Dec 2018 03:04

Tgt Ion: 65 Resp: 30533

Ion Ratio Lower Upper

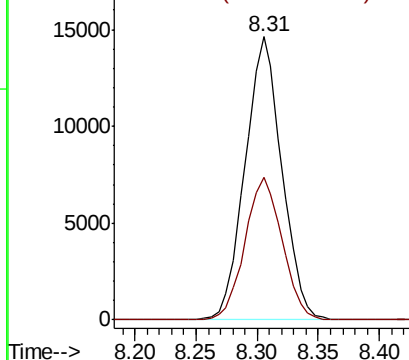
65 100

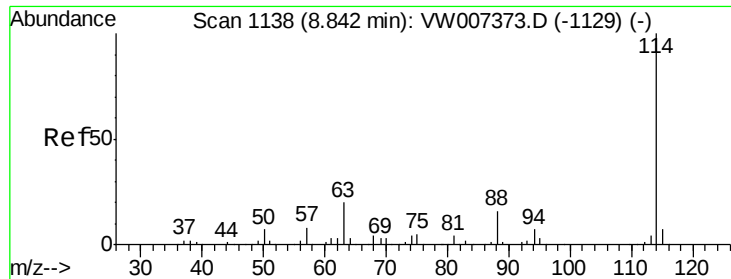
67 51.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

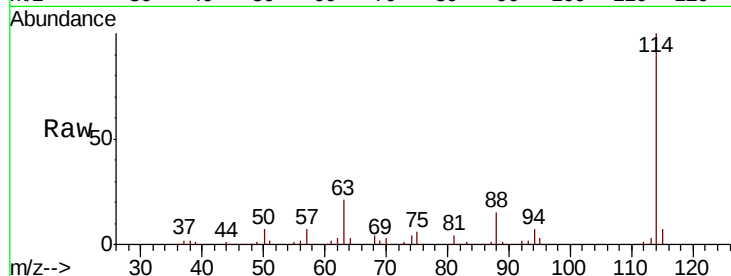




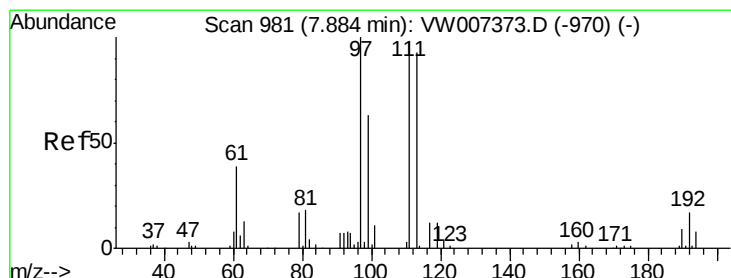
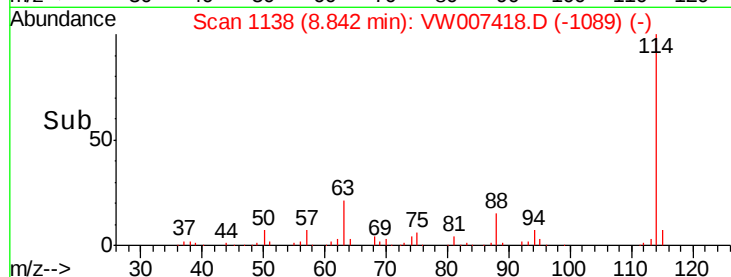
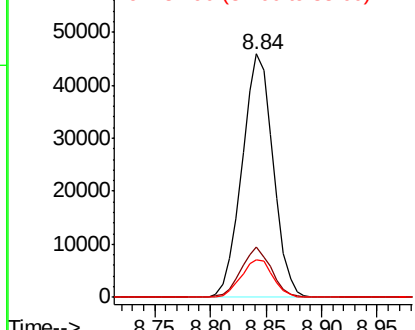
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007418.D
Acq: 12 Dec 2018 03:04

Instrument :
MSVOA_W
ClientSampleId :
BF-04-120418

Tot Ion:114 Resp: 89041
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.6
88 15.2 0.0 31.4

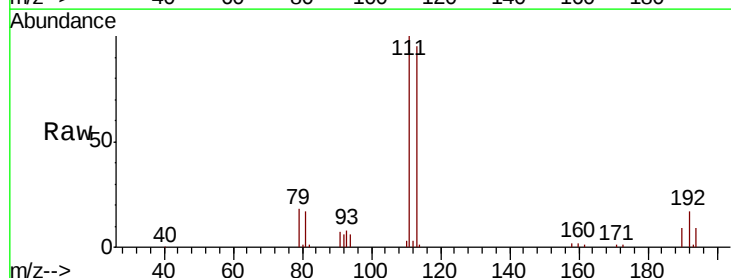


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

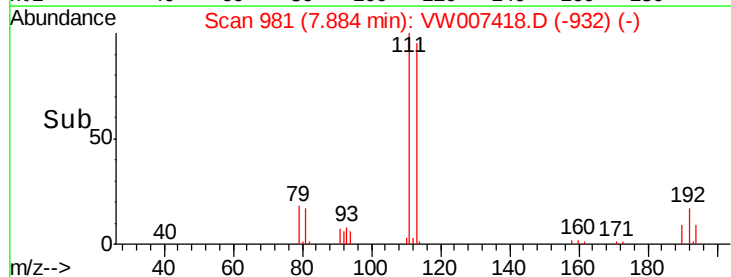
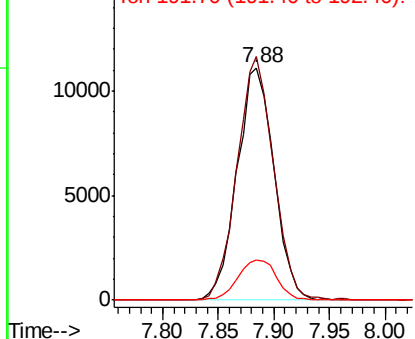


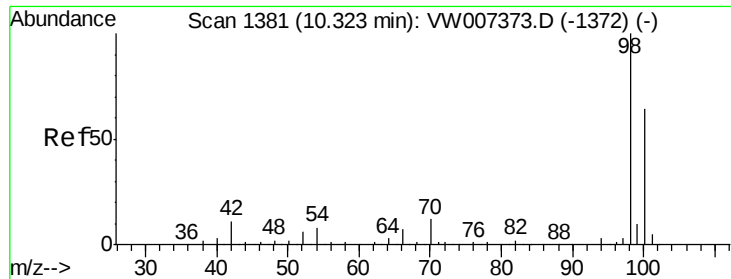
#35
Dibromofluoromethane
Concen: 47.451 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007418.D
Acq: 12 Dec 2018 03:04

Tgt Ion:113 Resp: 25576
Ion Ratio Lower Upper
113 100
111 103.1 81.1 121.7
192 18.0 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: 39.993 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007418.D

Acq: 12 Dec 2018 03:04

Instrument :

MSVOA_W

ClientSampleId :

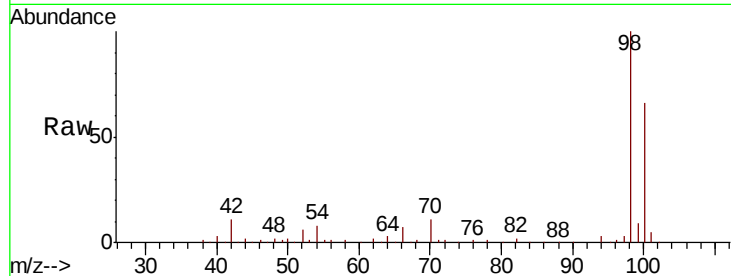
BF-04-120418

Tot Ion: 98 Resp: 80824

Ion Ratio Lower Upper

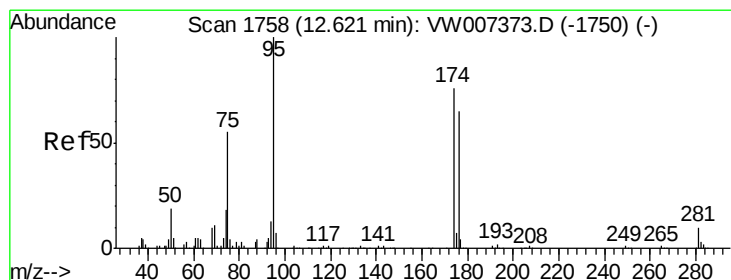
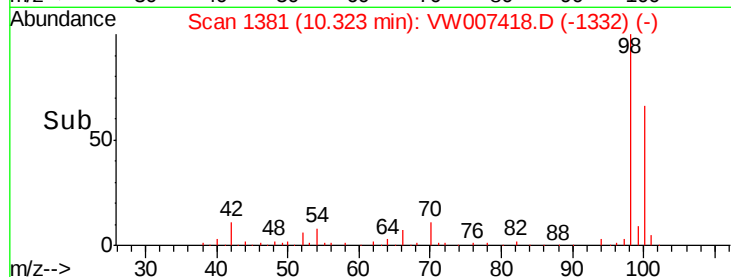
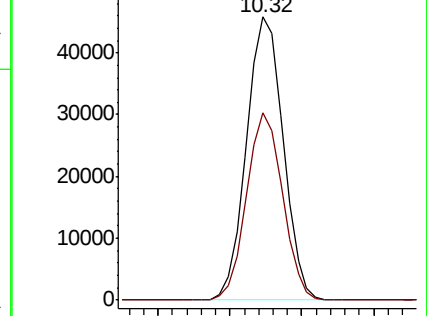
98 100

100 64.9 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: 48.777 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007418.D

Acq: 12 Dec 2018 03:04

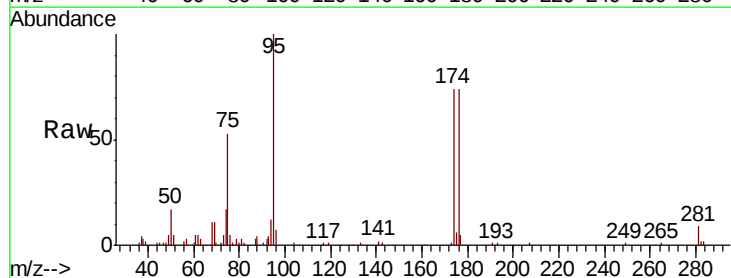
Tgt Ion: 95 Resp: 36244

Ion Ratio Lower Upper

95 100

174 76.3 0.0 147.2

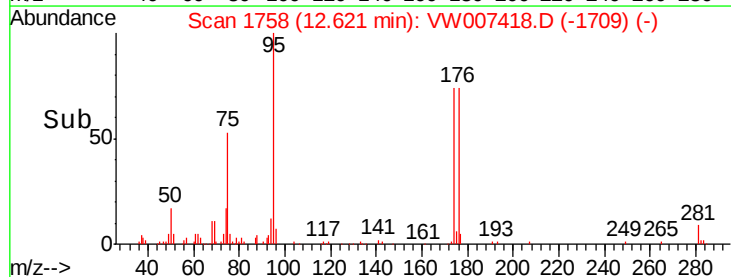
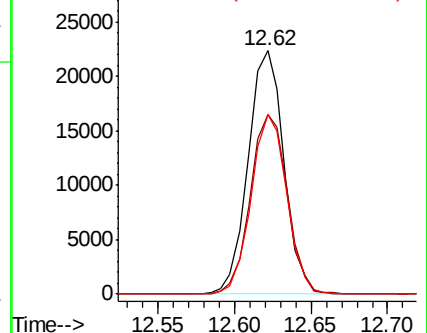
176 73.2 0.0 138.8

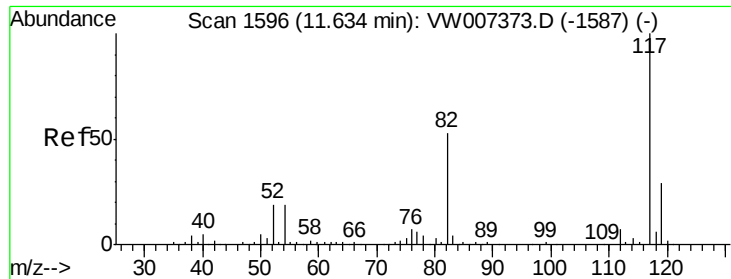


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

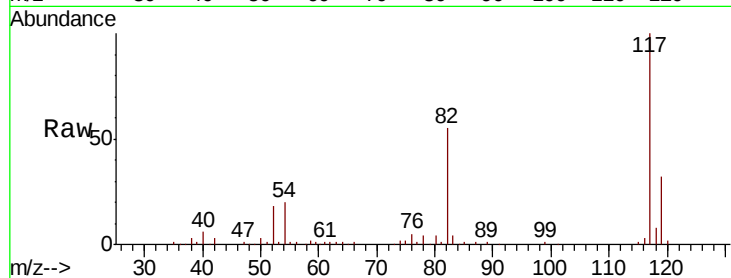




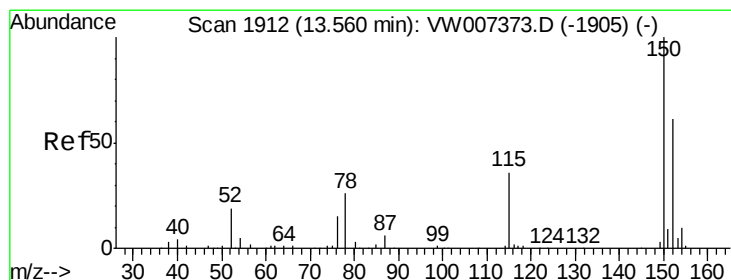
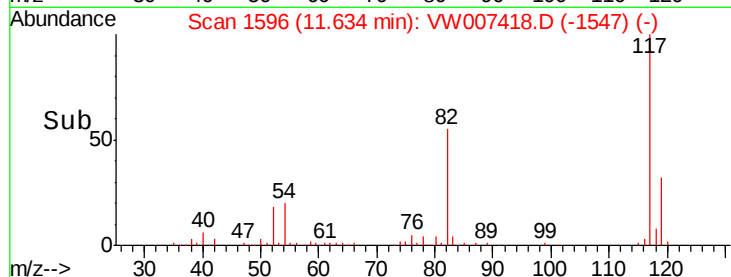
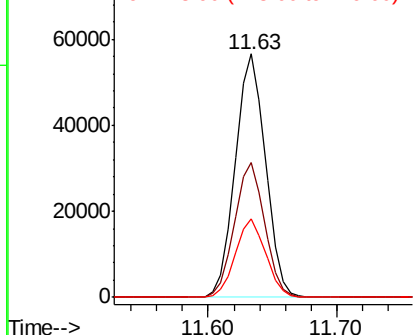
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007418.D
Acq: 12 Dec 2018 03:04

Instrument :
MSVOA_W
ClientSampleId :
BF-04-120418

Tot Ion:117 Resp: 91939
Ion Ratio Lower Upper
117 100
82 55.1 42.3 63.5
119 32.2 23.0 34.6

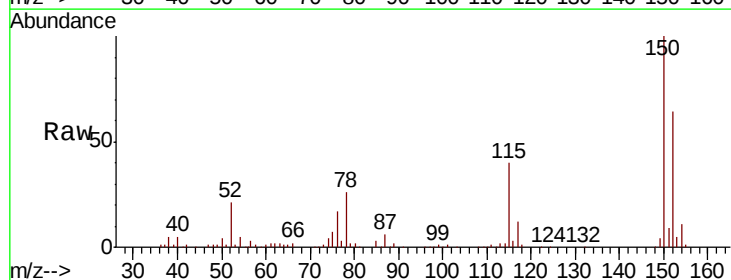


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007418.D
Acq: 12 Dec 2018 03:04

Tgt Ion:152 Resp: 47075
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 155.9 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

