

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007026.D
 Acq On : 22 Nov 2018 04:35
 Operator : VAY/AP
 Sample : J6000-01RE
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FS-12072-11929RE

Quant Time: Nov 22 06:20:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	32084	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	44020	62.12	ug/l	0.00
Spiked Amount			Recovery	=	124.24%	
35) Dibromofluoromethane	7.89	113	36918	57.83	ug/l	0.00
Spiked Amount			Recovery	=	115.66%	
50) Toluene-d8	10.32	98	135640	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.62	95	43181	38.92	ug/l	0.00
Spiked Amount			Recovery	=	77.84%	

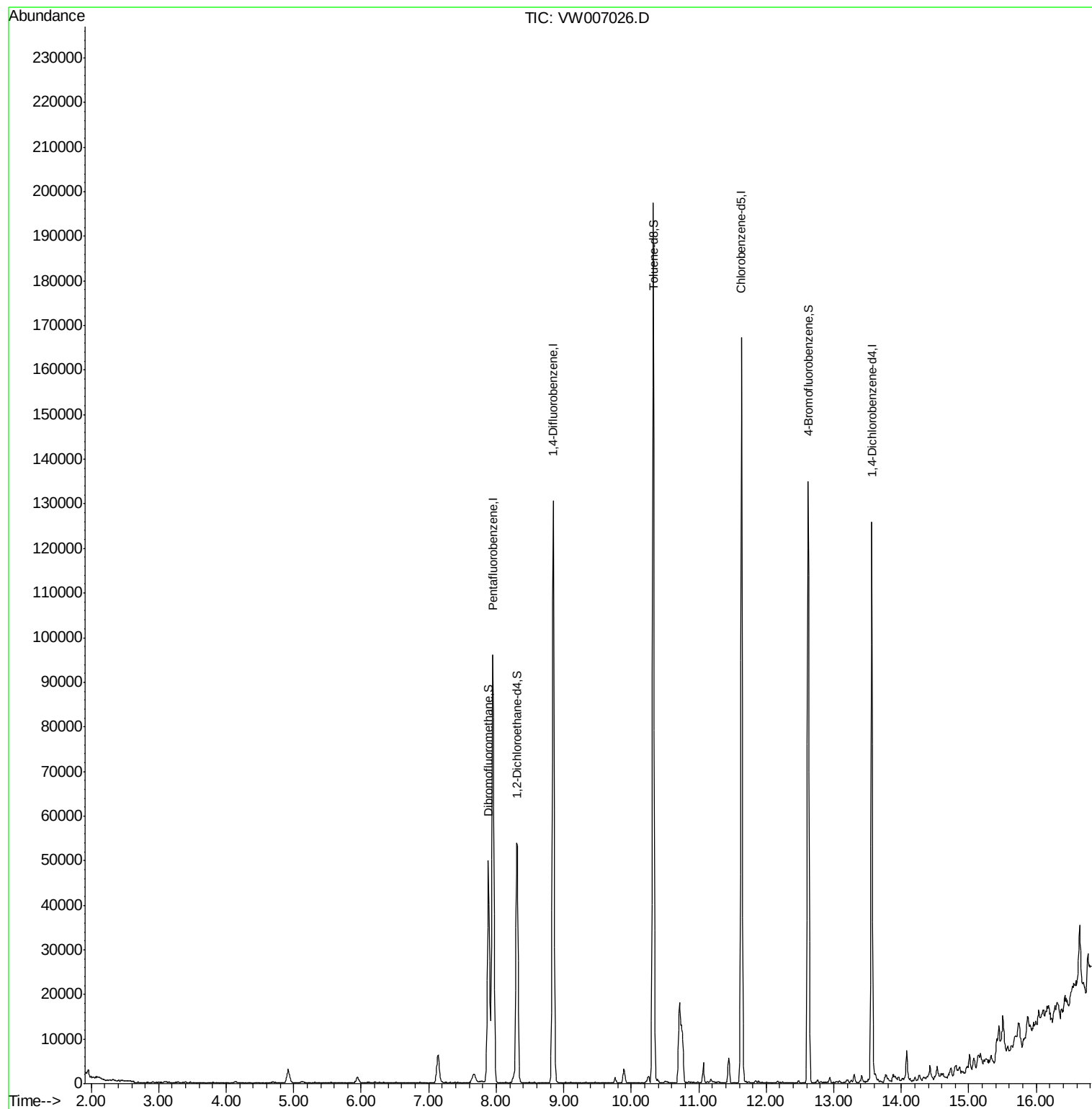
Target Compounds	Qvalue
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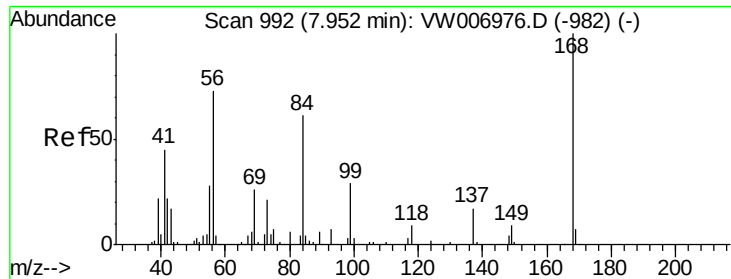
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007026.D

Acq: 22 Nov 2018 04:35

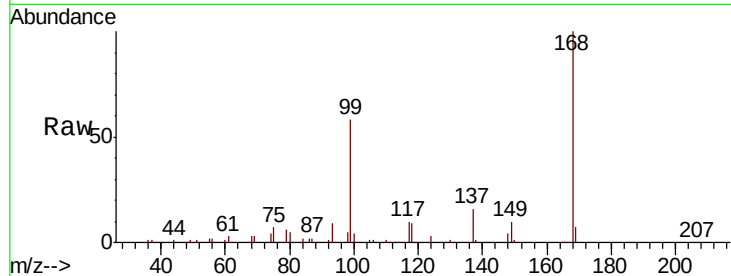
Instrument :
MSVOA_W
ClientSampleId :
FS-12072-11929RE

Tot Ion:168 Resp: 72385

Ion Ratio Lower Upper

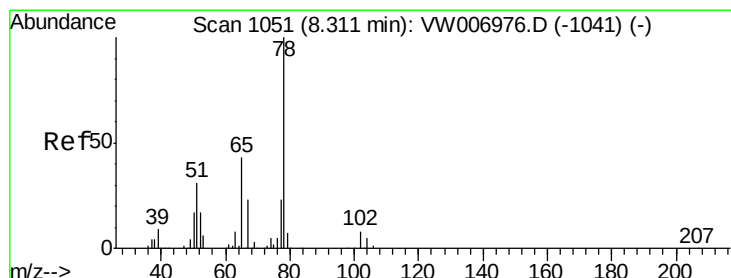
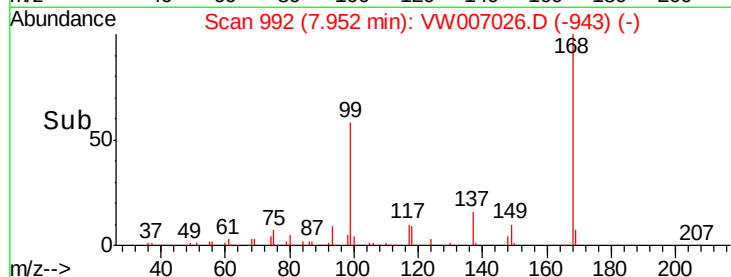
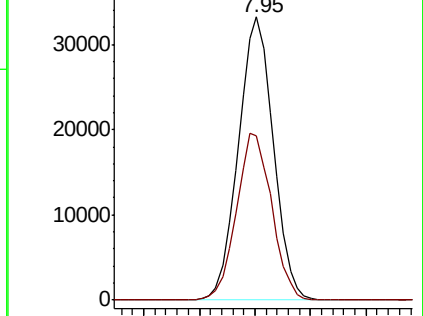
168 100

99 58.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 62.117 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007026.D

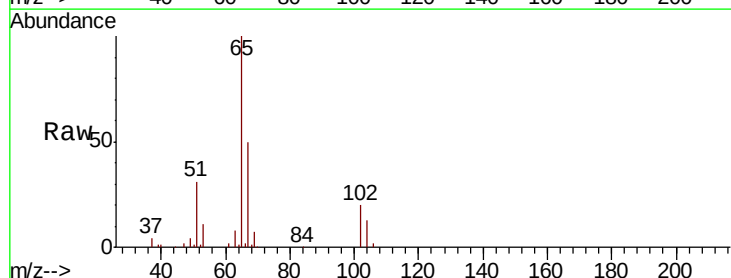
Acq: 22 Nov 2018 04:35

Tgt Ion: 65 Resp: 44020

Ion Ratio Lower Upper

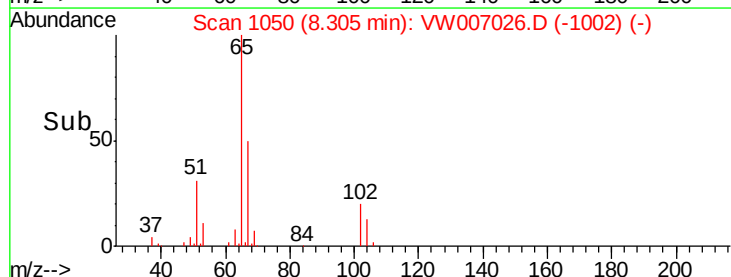
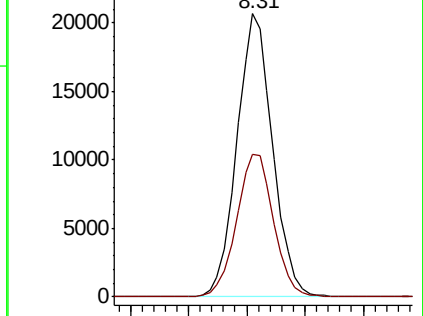
65 100

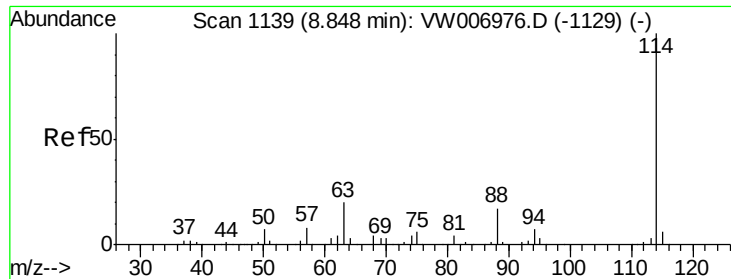
67 52.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

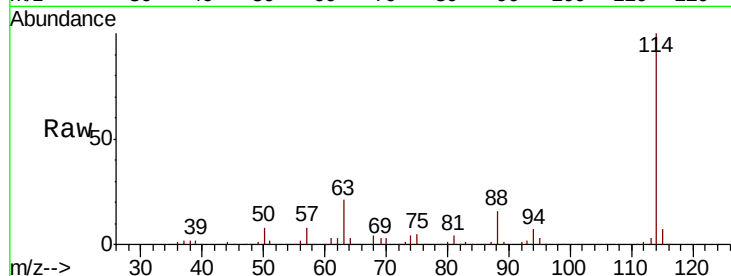




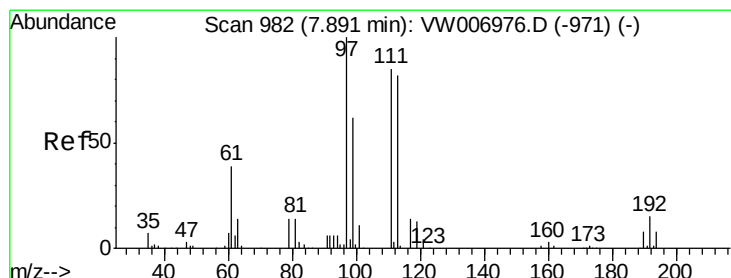
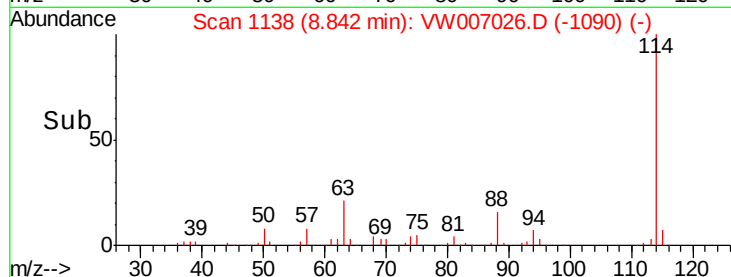
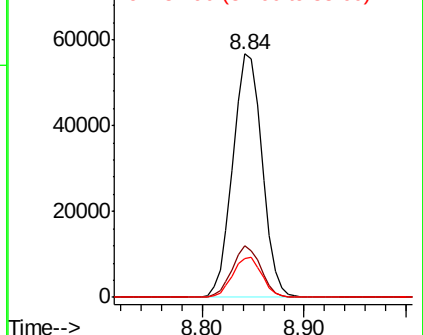
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007026.D
 Acq: 22 Nov 2018 04:35

Instrument :
 MSVOA_W
 ClientSampleId :
 FS-12072-11929RE

Tot Ion:114 Resp: 113052
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.4
 88 16.0 0.0 34.2

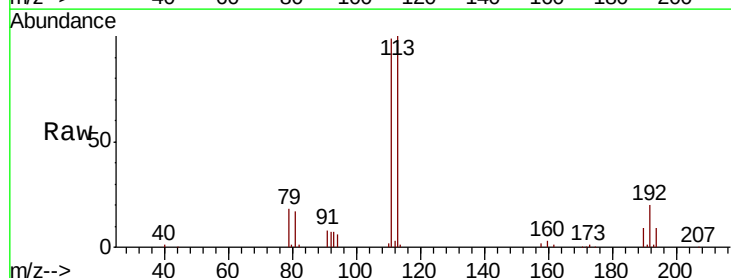


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

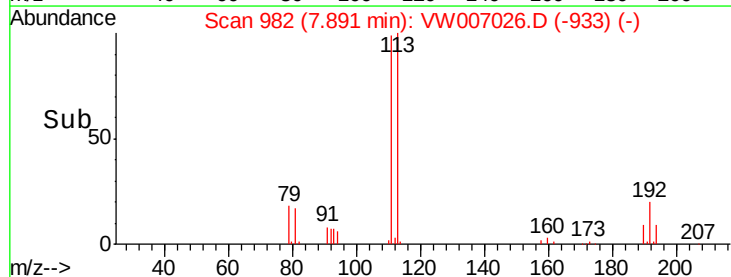
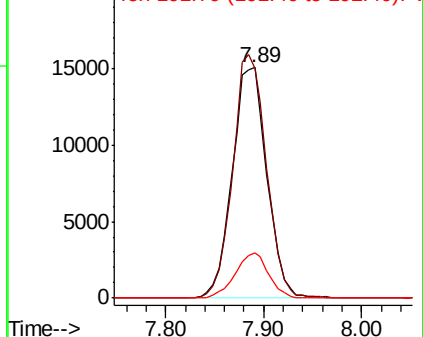


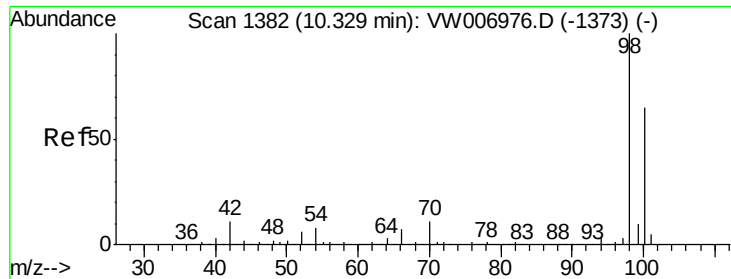
#35
 Dibromofluoromethane
 Concen: 57.826 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007026.D
 Acq: 22 Nov 2018 04:35

Tgt Ion:113 Resp: 36918
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.6
 192 18.7 15.0 22.6



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: 48.112 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007026.D

Acq: 22 Nov 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

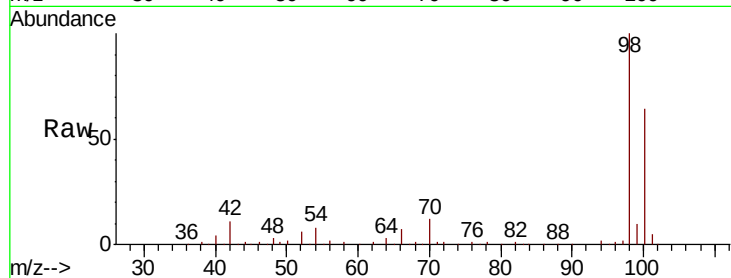
FS-12072-11929RE

Tot Ion: 98 Resp: 135640

Ion Ratio Lower Upper

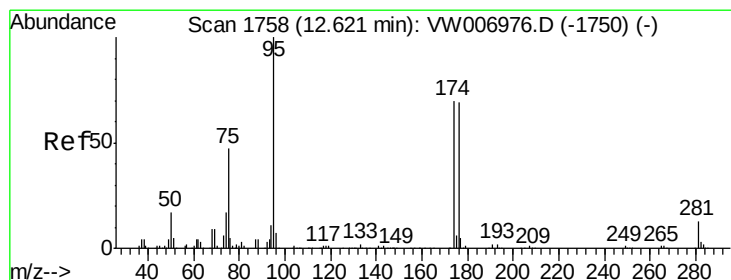
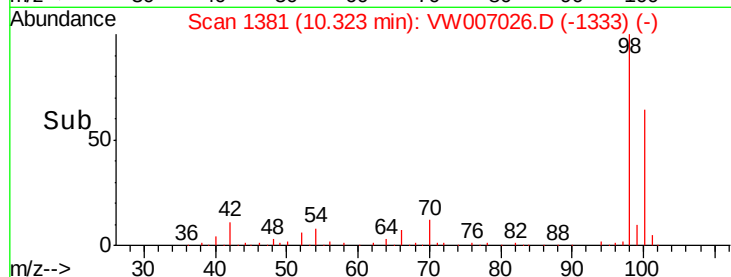
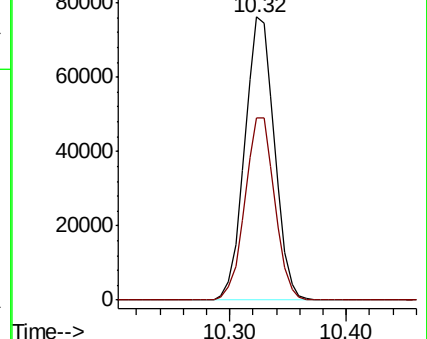
98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 38.922 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007026.D

Acq: 22 Nov 2018 04:35

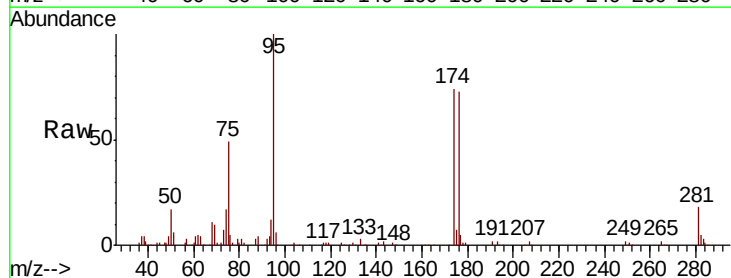
Tgt Ion: 95 Resp: 43181

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.6

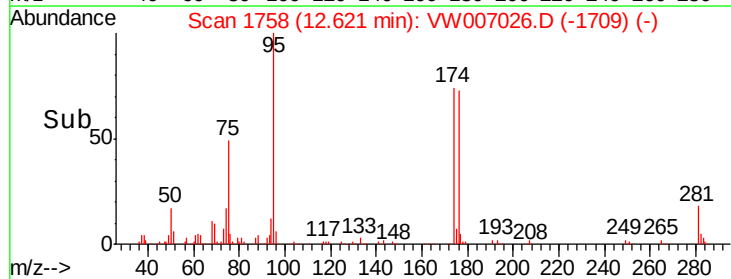
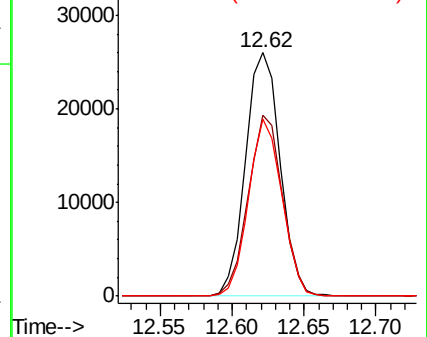
176 70.4 0.0 140.4

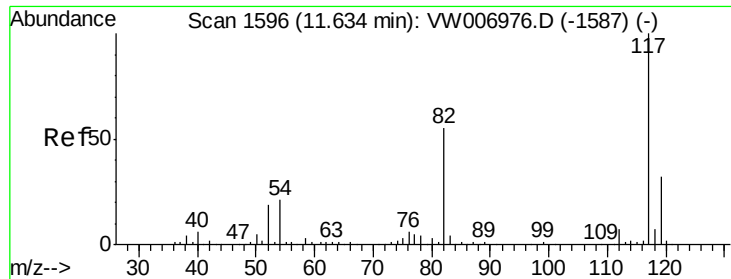


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

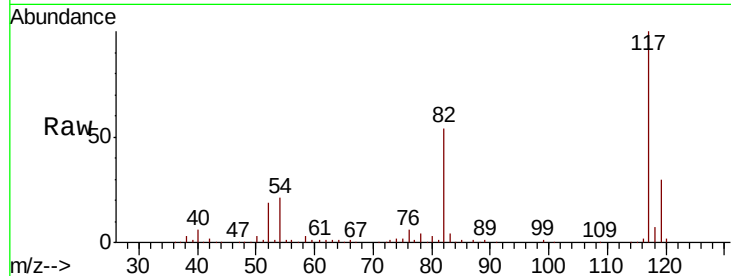




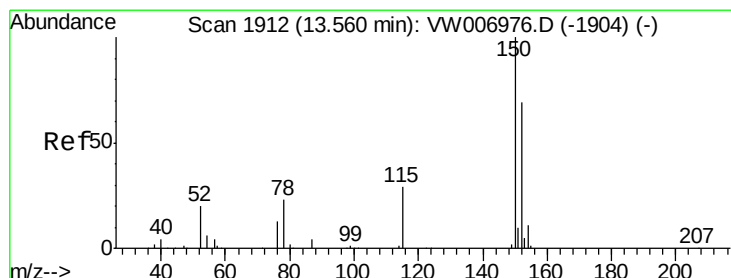
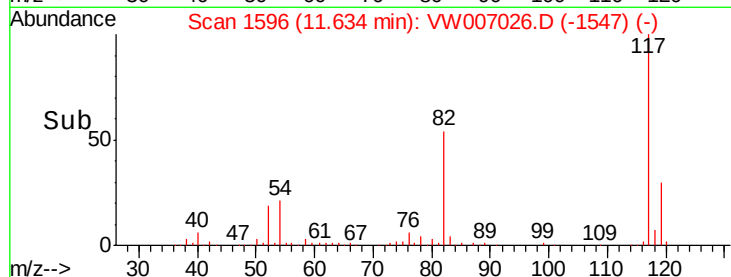
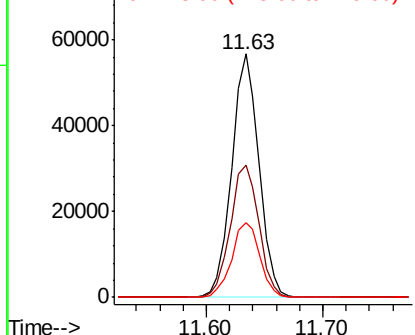
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007026.D
Acq: 22 Nov 2018 04:35

Instrument :
MSVOA_W
ClientSampleId :
FS-12072-11929RE

Tot Ion:117 Resp: 92185
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 30.5 25.9 38.9

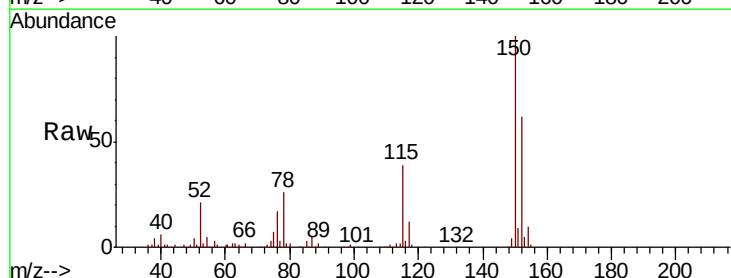


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007026.D
Acq: 22 Nov 2018 04:35

Tgt Ion:152 Resp: 32084
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 159.0 0.0 353.4



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

