

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007641.D
 Acq On : 17 Dec 2018 19:24
 Operator : SY/AP
 Sample : J6378-24
 Misc : 7.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-1218-01

Quant Time: Dec 18 07:57:10 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	32220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	55040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	47950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18684	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	20855	58.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.68%	
35) Dibromofluoromethane	7.88	113	17794	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
50) Toluene-d8	10.32	98	60192	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.62	95	20195	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	

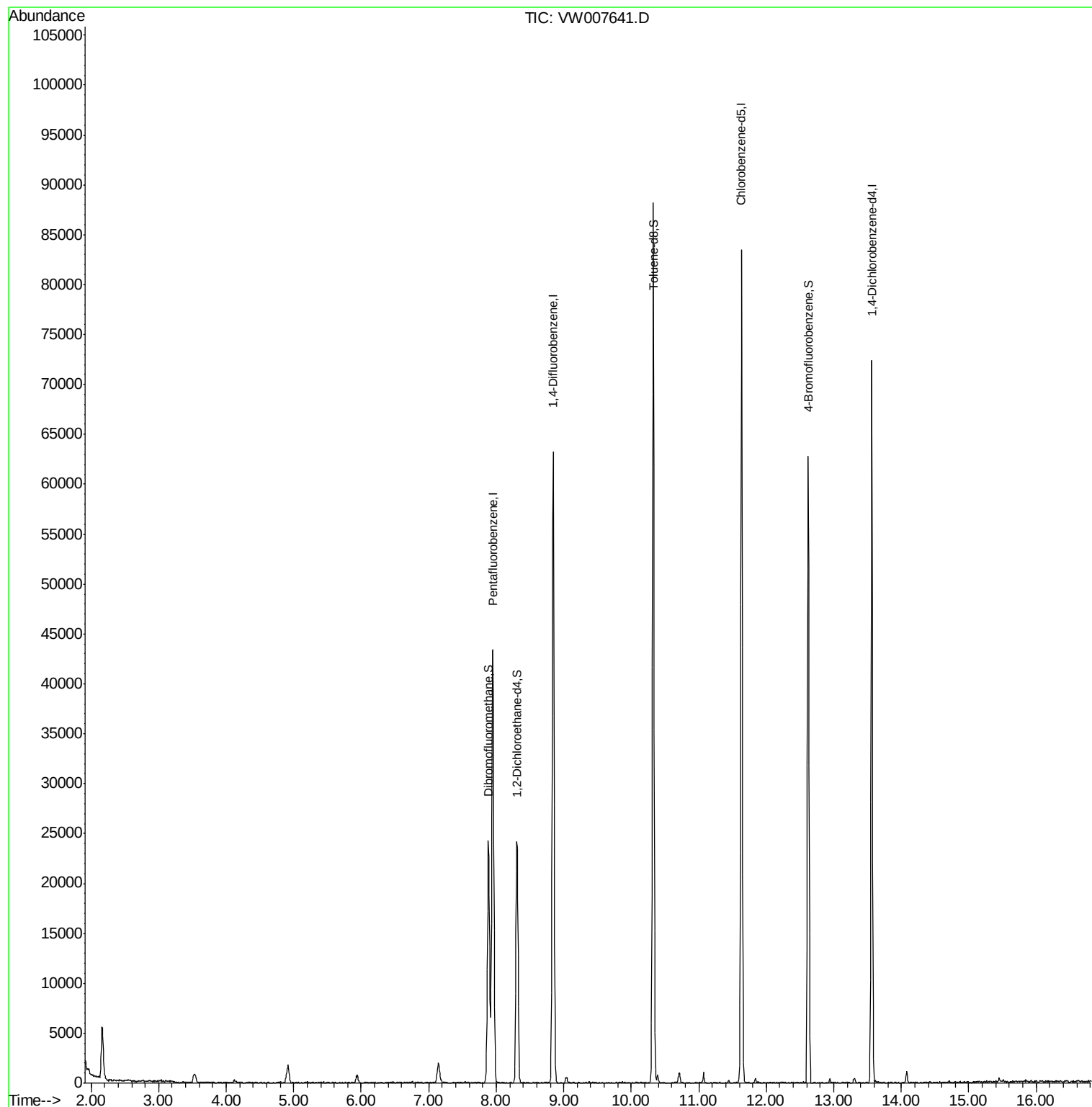
Target Compounds	Qvalue
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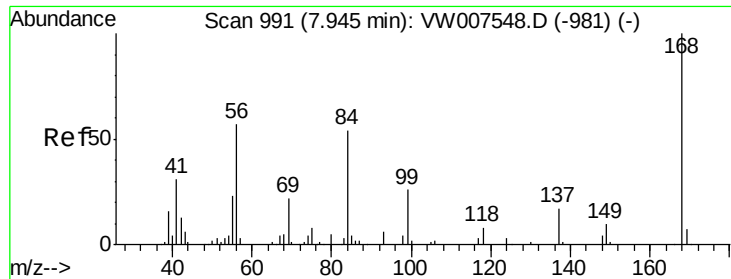
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007641.D

Acq: 17 Dec 2018 19:24

Instrument :

MSVOA_W

ClientSampleId :

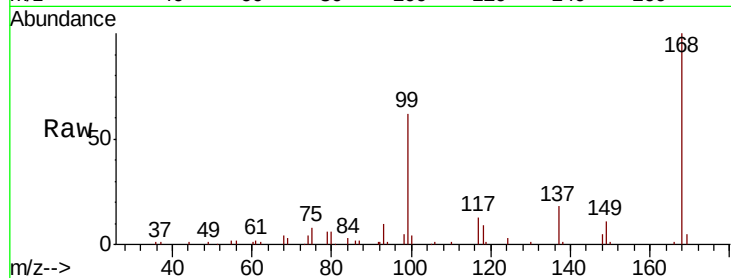
P001-SS002-1218-01

Tot Ion:168 Resp: 32220

Ion Ratio Lower Upper

168 100

99 61.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

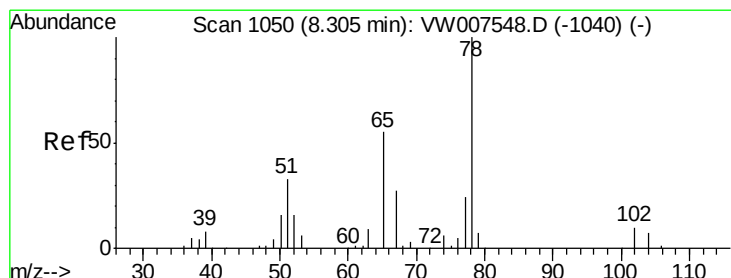
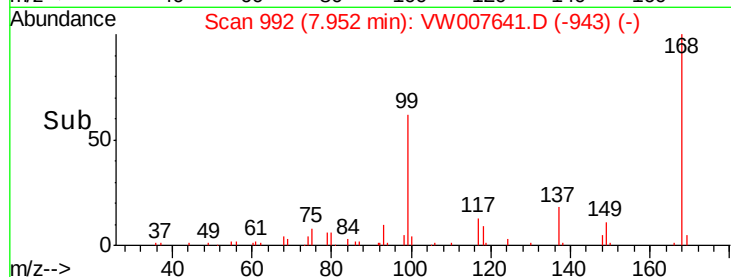
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.343 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007641.D

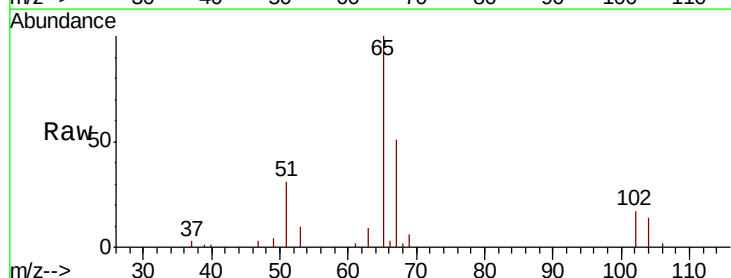
Acq: 17 Dec 2018 19:24

Tgt Ion: 65 Resp: 20855

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

10000

8000

6000

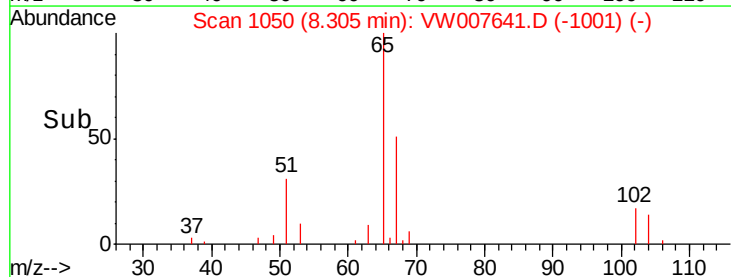
4000

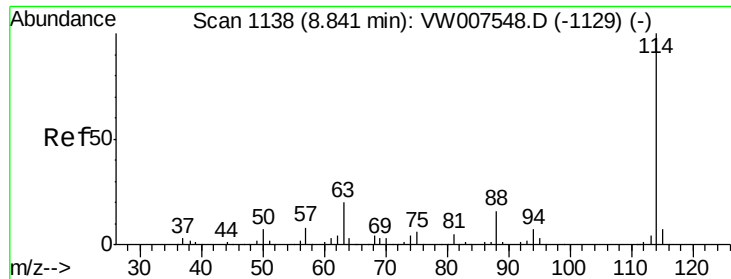
2000

0

8.20 8.25 8.30 8.35 8.40

Time-->

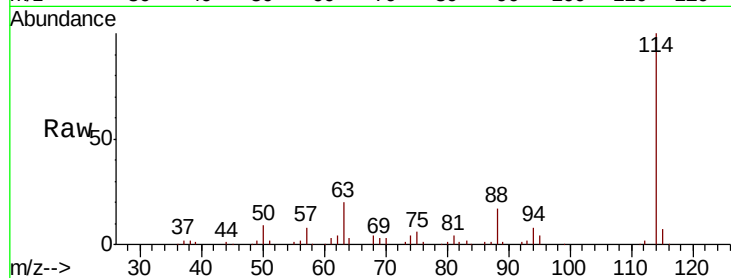




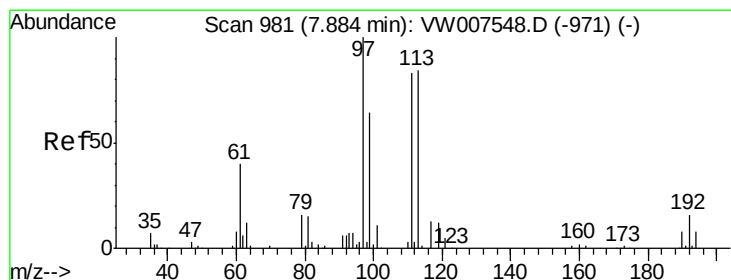
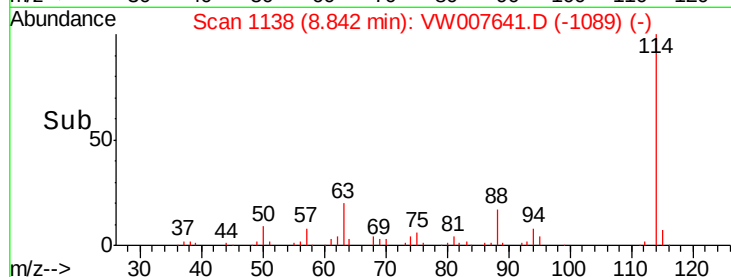
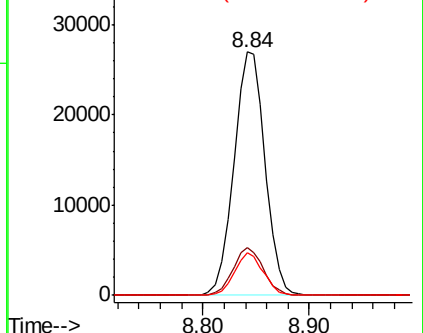
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007641.D
 Acq: 17 Dec 2018 19:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-1218-01

Tot Ion:114 Resp: 55040
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 17.4 0.0 31.4

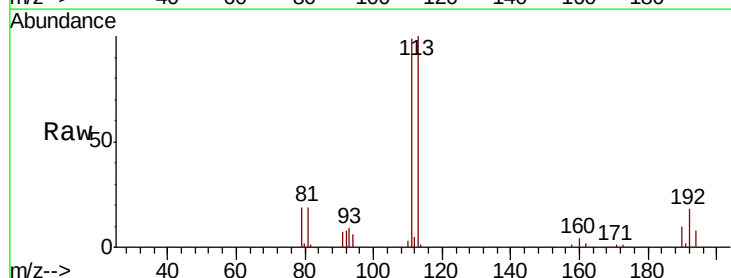


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

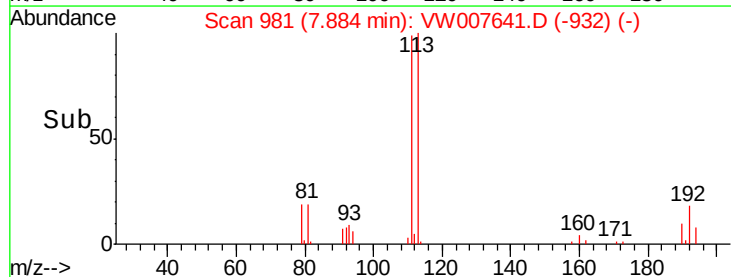
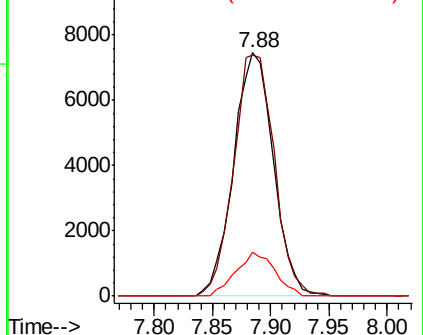


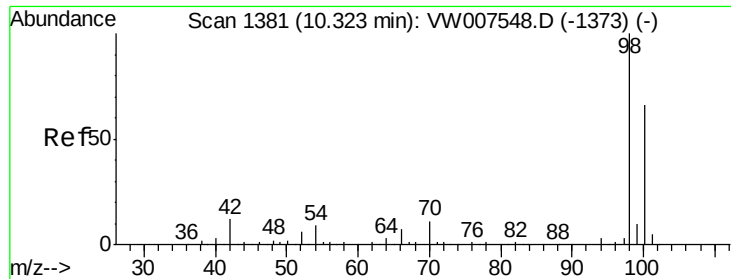
#35
 Dibromofluoromethane
 Concen: 53.407 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007641.D
 Acq: 17 Dec 2018 19:24

Tgt Ion:113 Resp: 17794
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.1 121.7
 192 17.5 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

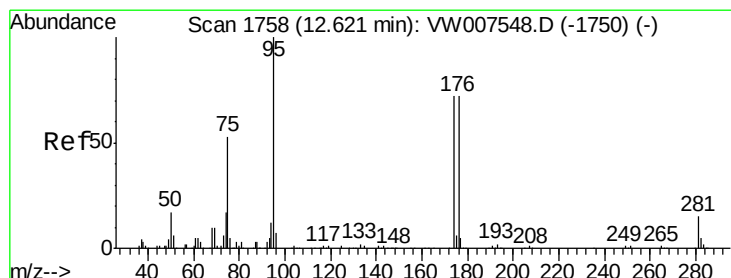
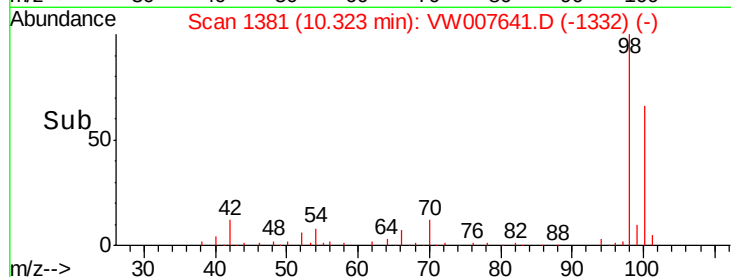
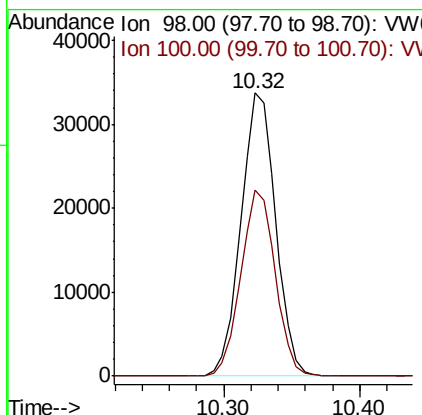
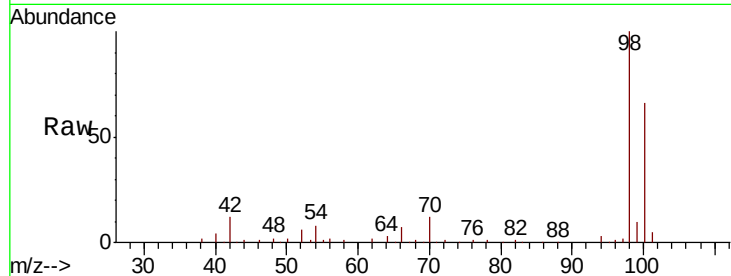




#50
Toluene-d8
Concen: 48.183 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007641.D
Acq: 17 Dec 2018 19:24

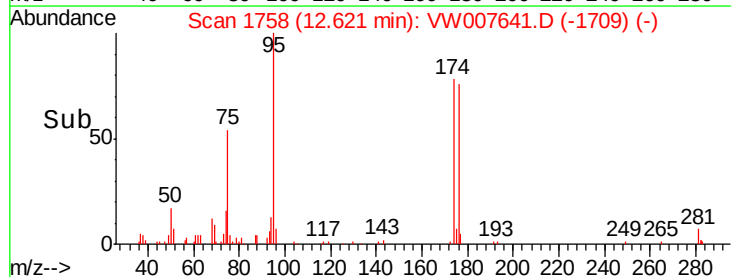
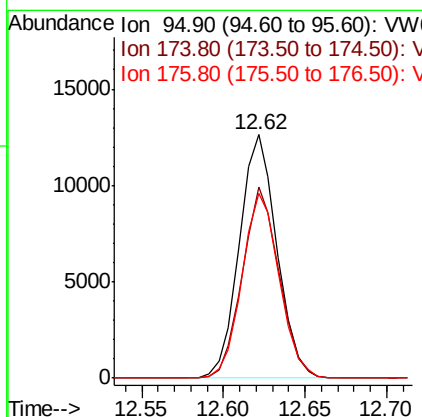
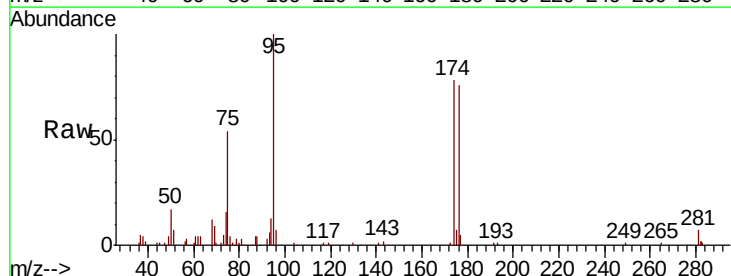
Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-1218-01

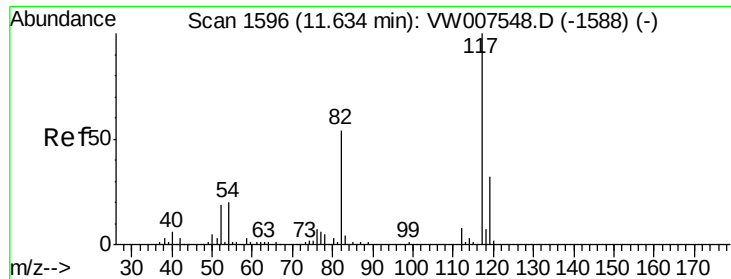
Tot Ion: 98 Resp: 60192
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 43.968 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007641.D
Acq: 17 Dec 2018 19:24

Tgt Ion: 95 Resp: 20195
Ion Ratio Lower Upper
95 100
174 76.9 0.0 147.2
176 75.2 0.0 138.8

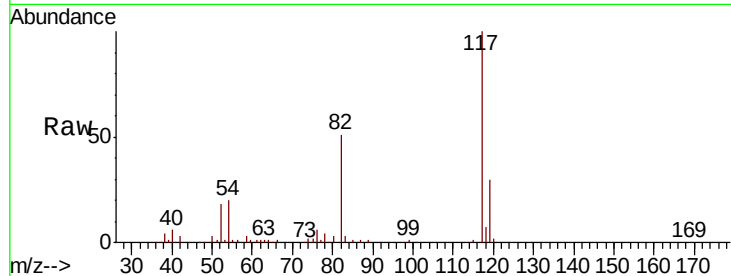




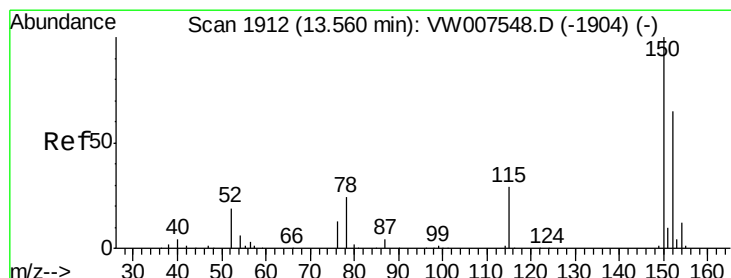
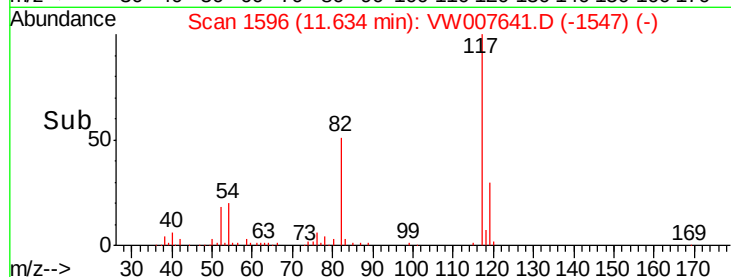
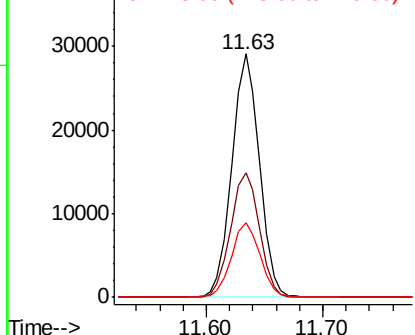
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007641.D
Acq: 17 Dec 2018 19:24

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-1218-01

Tot Ion:117 Resp: 47950
Ion Ratio Lower Upper
117 100
82 51.4 42.3 63.5
119 30.5 23.0 34.6

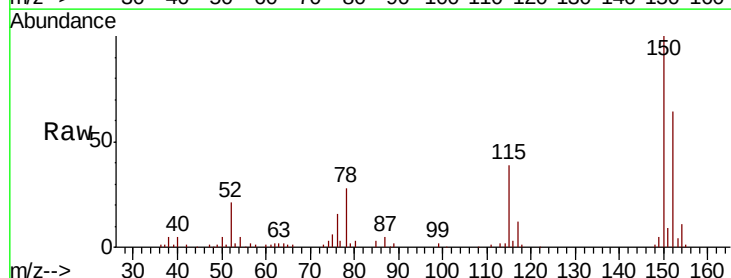


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007641.D
Acq: 17 Dec 2018 19:24

Tgt Ion:152 Resp: 18684
Ion Ratio Lower Upper
152 100
115 63.5 31.4 94.2
150 160.9 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

