

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007045.D
 Acq On : 26 Nov 2018 14:18
 Operator : VAY/AP
 Sample : J6028-02
 Misc : 5.61G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-2

Quant Time: Nov 27 06:09:48 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	109991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	171513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44555	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57766	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
35) Dibromofluoromethane	7.89	113	50963	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	10.33	98	201640	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
62) 4-Bromofluorobenzene	12.62	95	60009	35.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.30%	

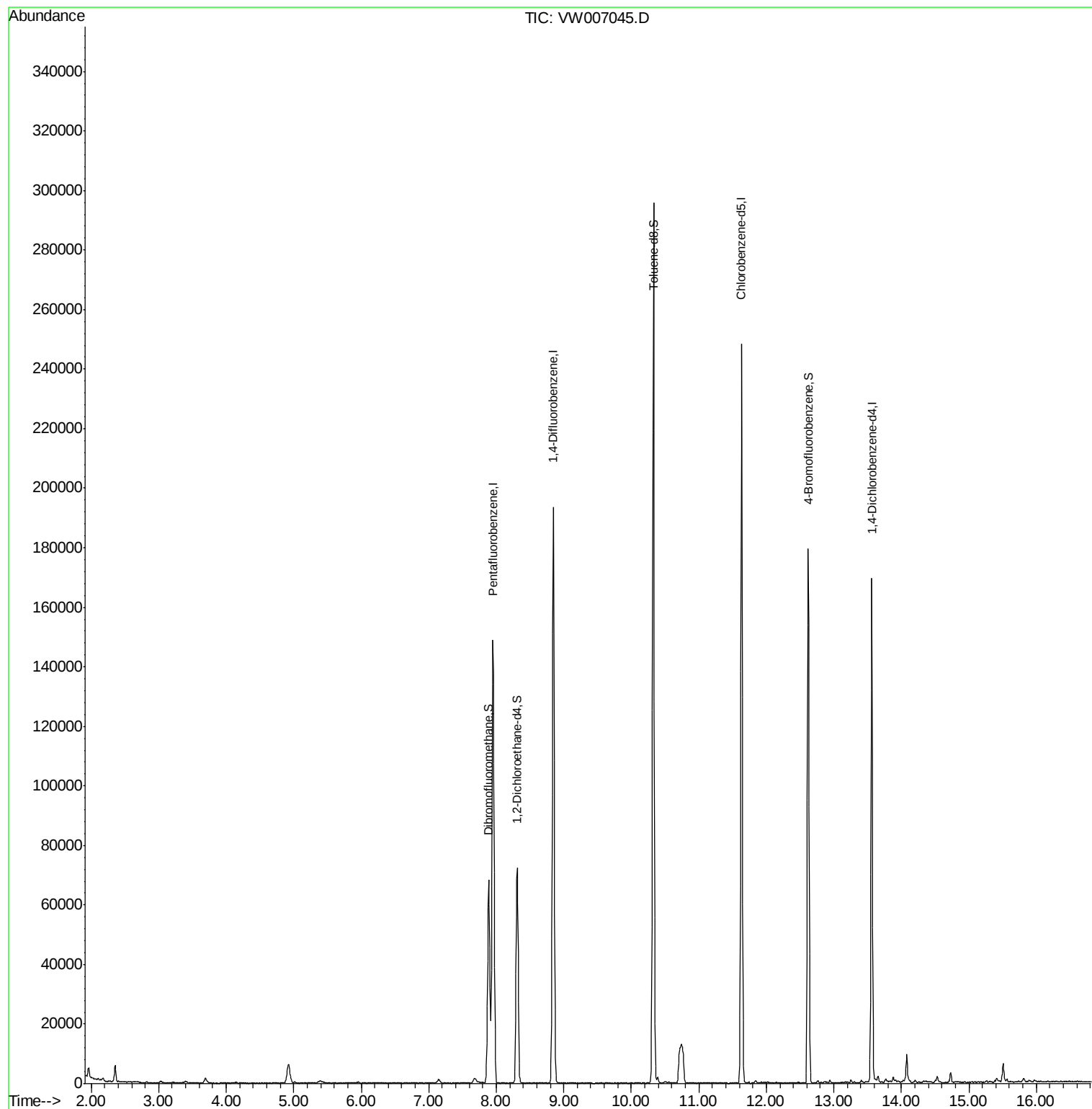
Target Compounds	Qvalue
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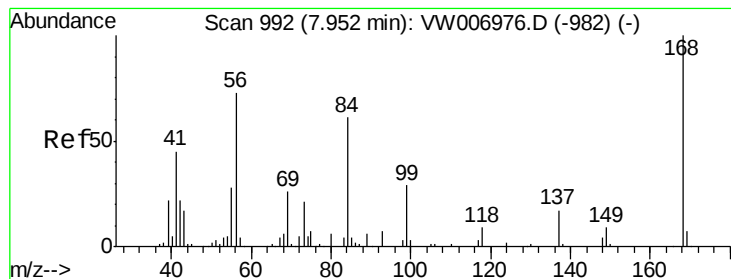
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007045.D

Acq: 26 Nov 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

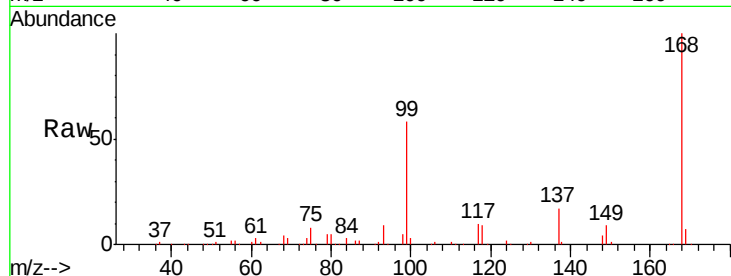
VOC-2

Tgt Ion:168 Resp: 109991

Ion Ratio Lower Upper

168 100

99 58.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

20000

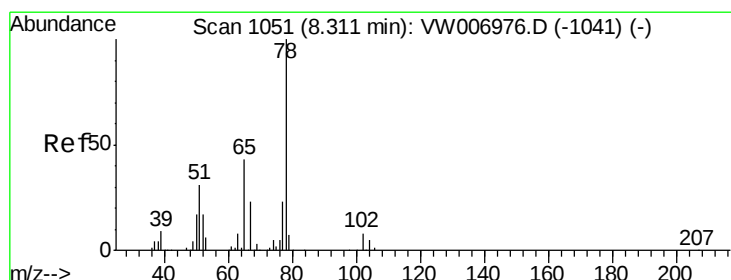
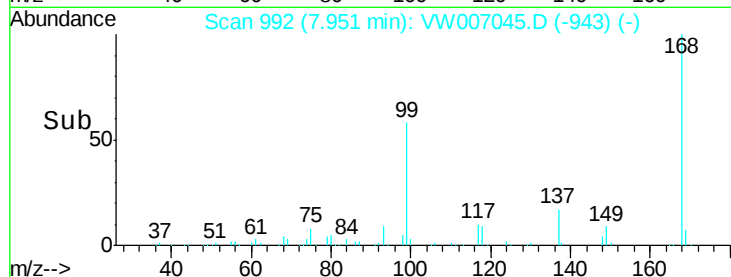
10000

0

7.90

8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.64 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007045.D

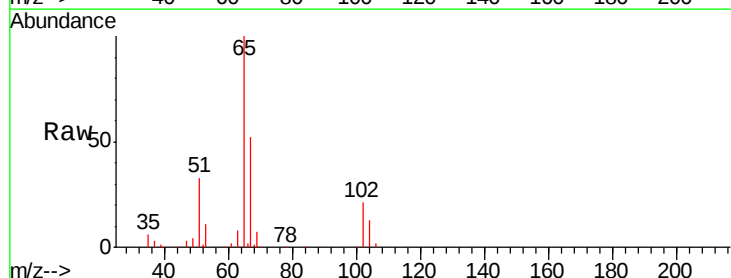
Acq: 26 Nov 2018 14:18

Tgt Ion: 65 Resp: 57766

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

30000

25000

20000

15000

10000

5000

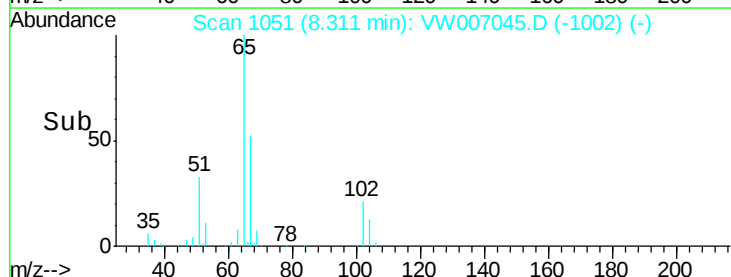
0

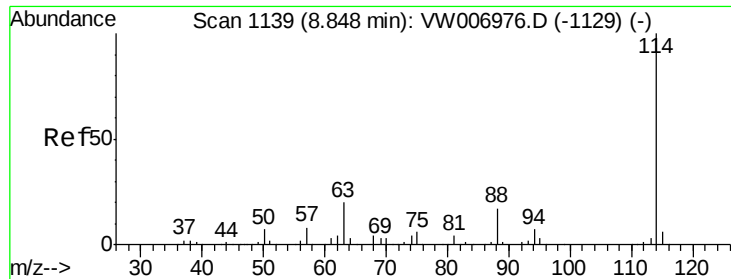
8.20

8.30

8.40

Time-->

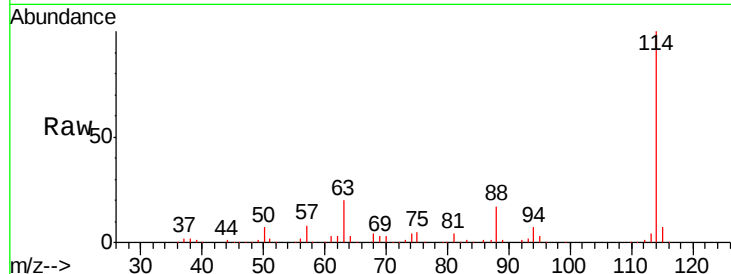




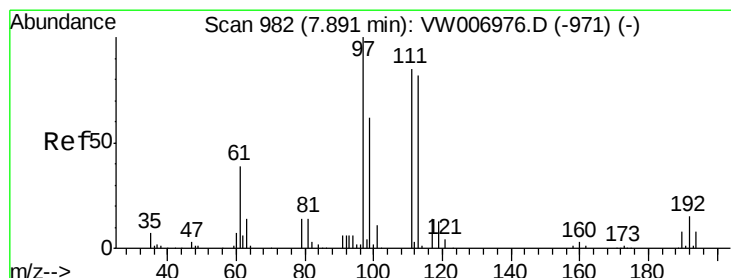
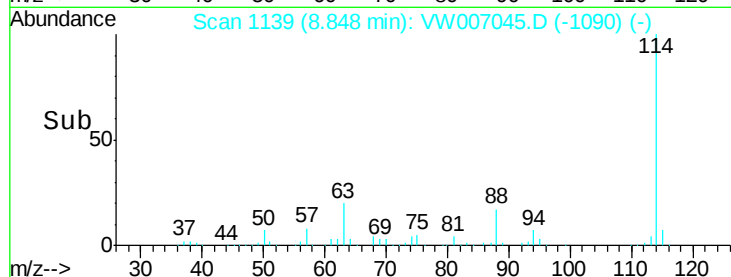
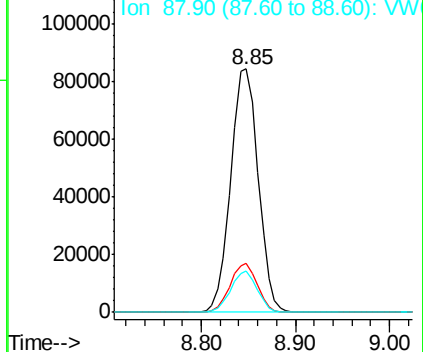
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007045.D
 Acq: 26 Nov 2018 14:18

Instrument :
 MSVOA_W
 ClientSampled :
 VOC-2

Tgt Ion:114 Resp: 171513
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 17.0 0.0 34.2

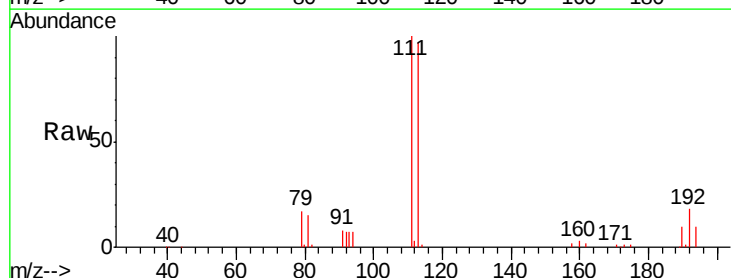


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

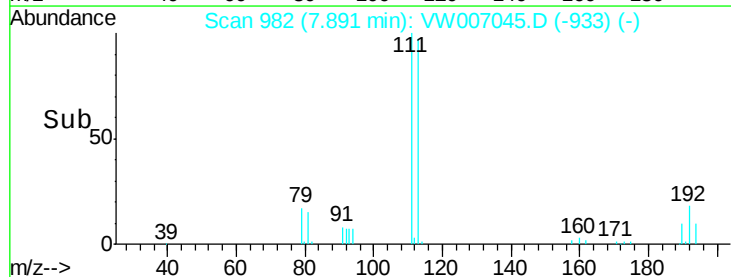
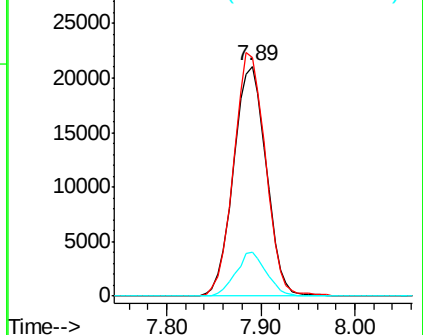


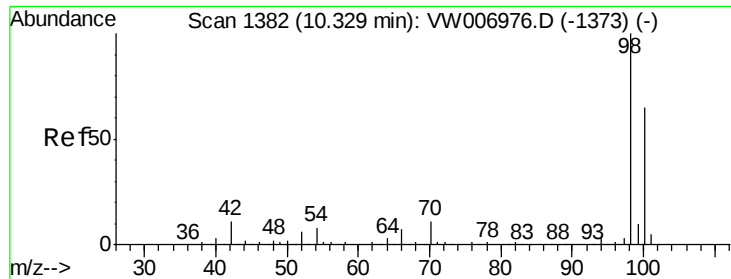
#35
 Dibromofluoromethane
 Concen: 52.62 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007045.D
 Acq: 26 Nov 2018 14:18

Tgt Ion:113 Resp: 50963
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.0 121.6
 192 17.8 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: 47.14 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007045.D

Acq: 26 Nov 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

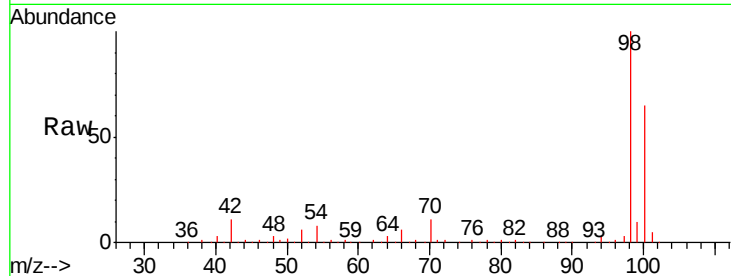
VOC-2

Tgt Ion: 98 Resp: 201640

Ion Ratio Lower Upper

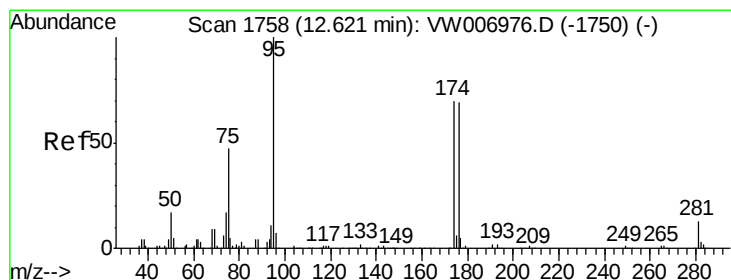
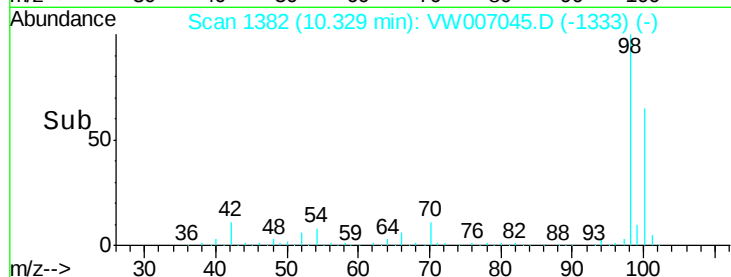
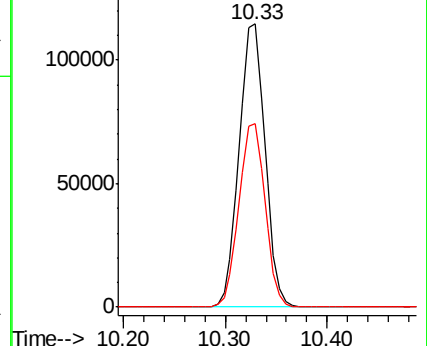
98 100

100 65.4 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: 35.65 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007045.D

Acq: 26 Nov 2018 14:18

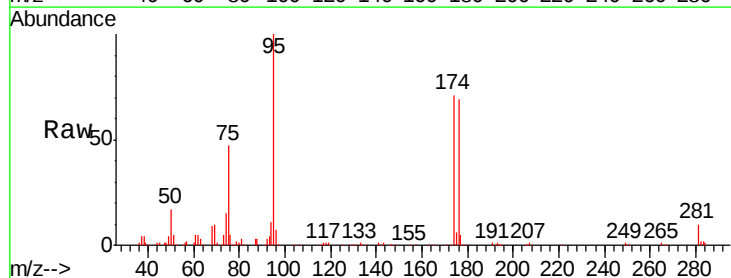
Tgt Ion: 95 Resp: 60009

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.6

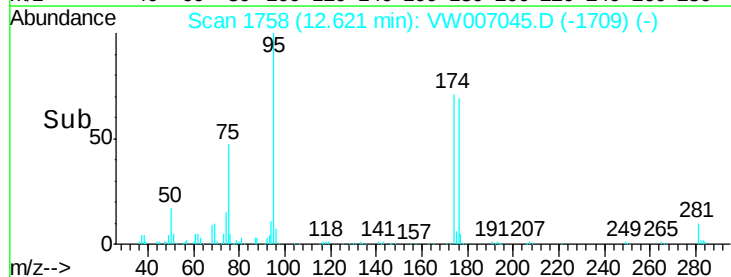
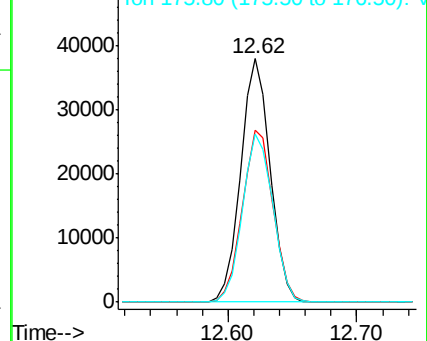
176 71.1 0.0 140.4

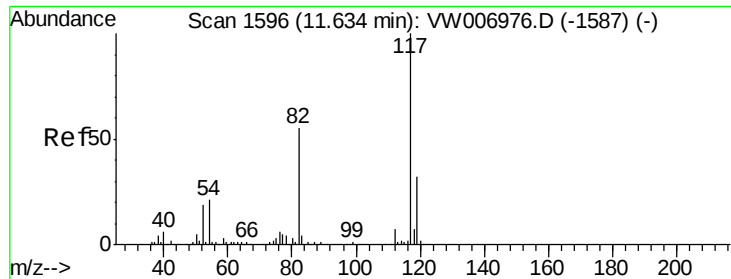


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

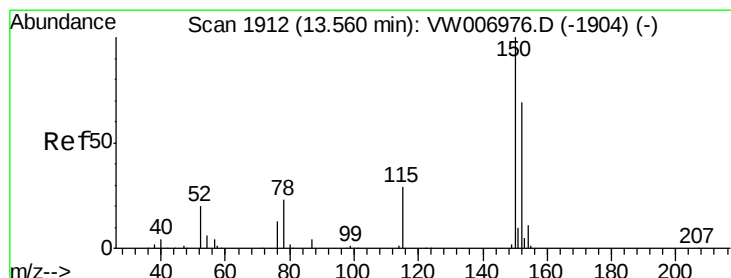
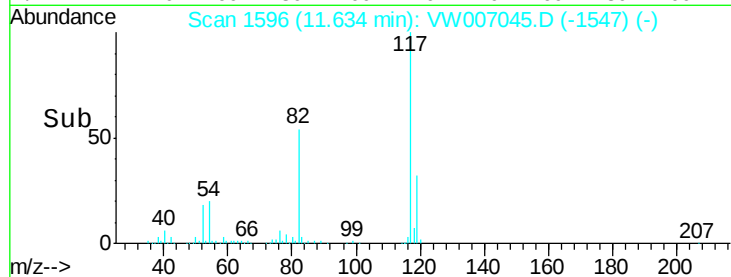
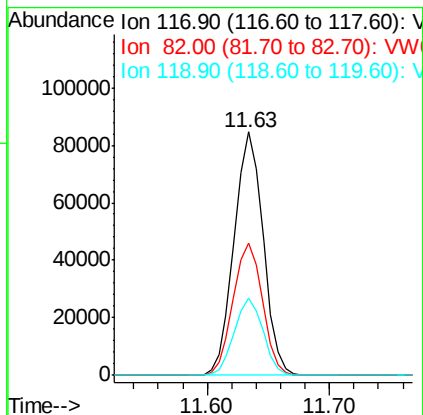
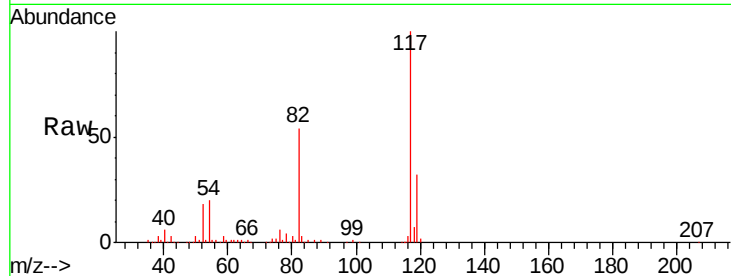




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007045.D
Acq: 26 Nov 2018 14:18

Instrument :
MSVOA_W
ClientSampleId :
VOC-2

Tgt Ion:117 Resp: 138844
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007045.D
Acq: 26 Nov 2018 14:18

Tgt Ion:152 Resp: 44555
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 158.8 0.0 353.4

