

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007729.D
 Acq On : 20 Dec 2018 06:23
 Operator : SY/AP
 Sample : J6362-04
 Misc : 4.95G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P-4

Quant Time: Dec 20 07:53:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	116150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49622	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42435	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
35) Dibromofluoromethane	7.88	113	39342	43.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.70%	
50) Toluene-d8	10.32	98	114746	33.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.08%	
62) 4-Bromofluorobenzene	12.62	95	45274	34.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.50%	

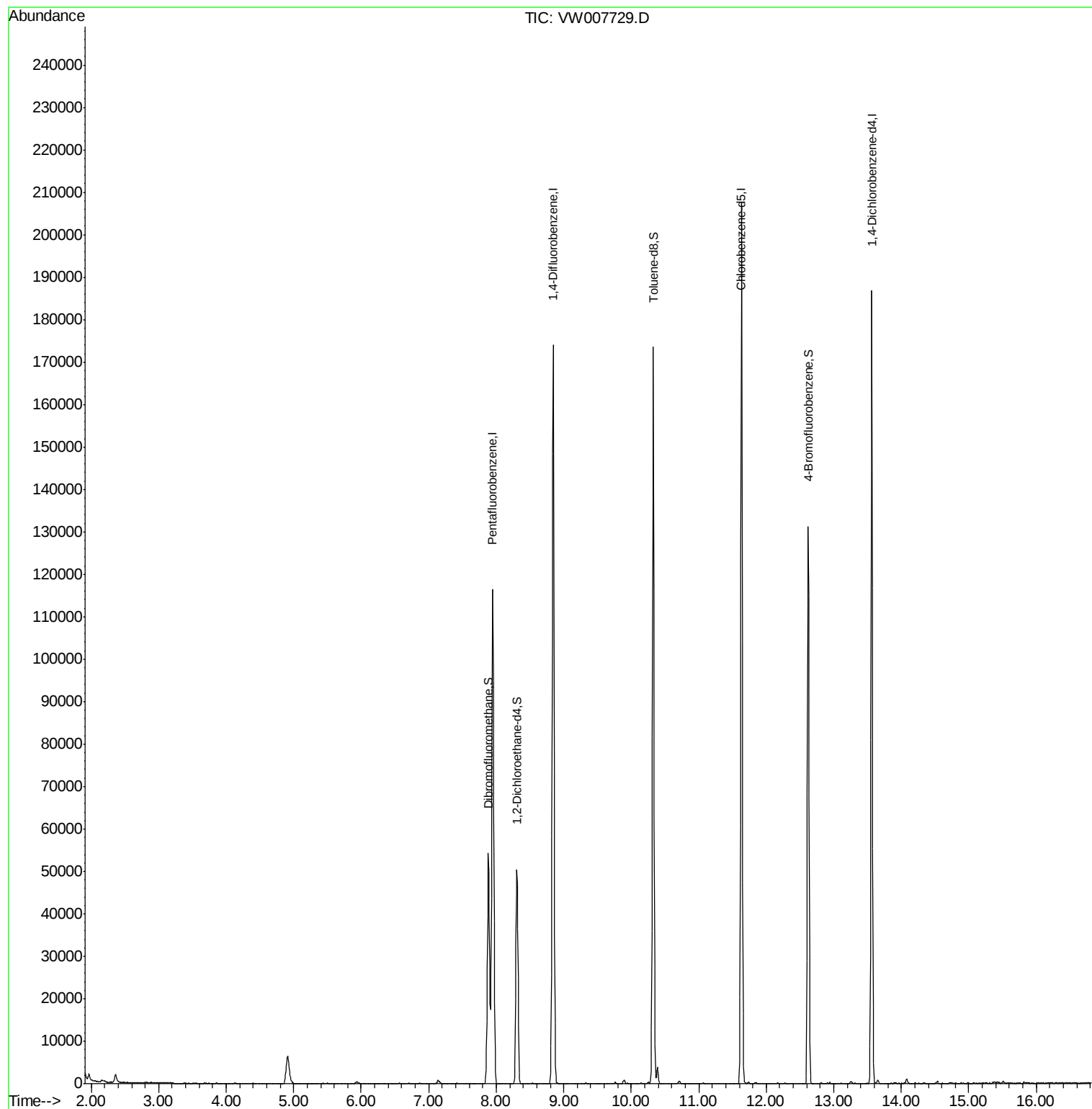
Target Compounds	Qvalue

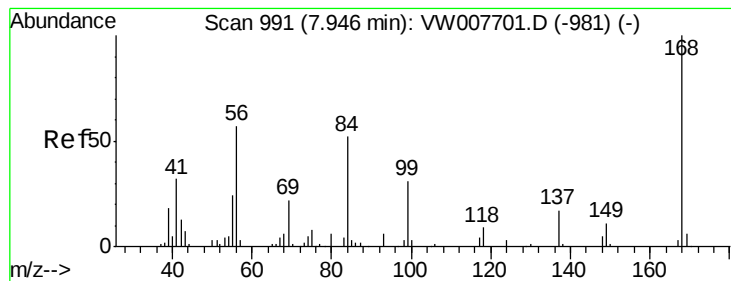
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007729.D

Acq: 20 Dec 2018 06:23

Instrument :

MSVOA_W

ClientSampleId :

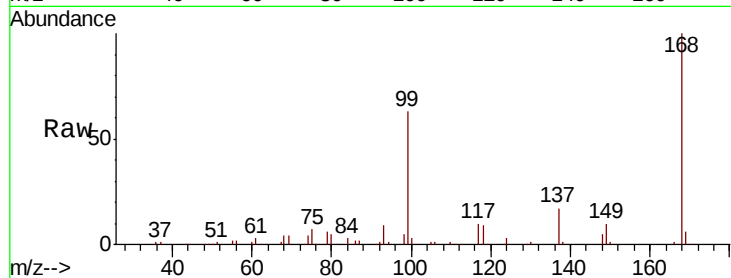
P-4

Tot Ion:168 Resp: 86362

Ion Ratio Lower Upper

168 100

99 62.6 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

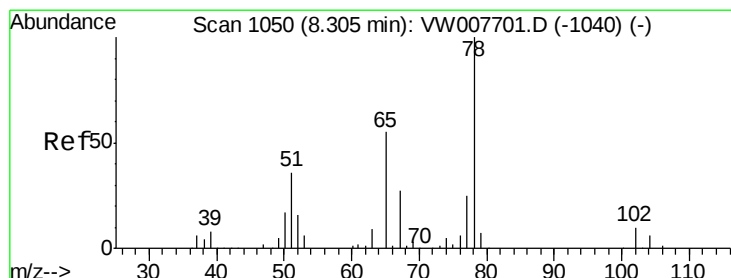
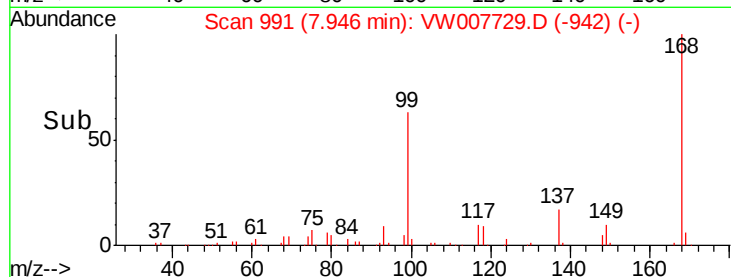
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.830 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007729.D

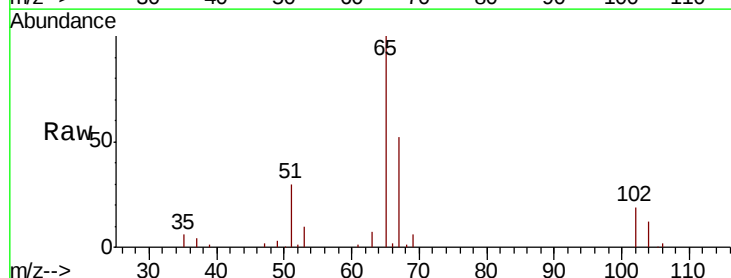
Acq: 20 Dec 2018 06:23

Tgt Ion: 65 Resp: 42435

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

20000

15000

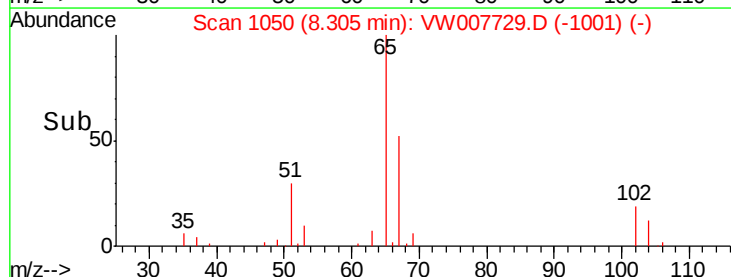
10000

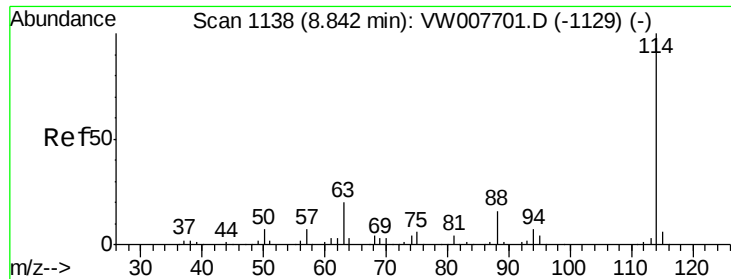
5000

0

8.20 8.25 8.30 8.35 8.40

Time-->

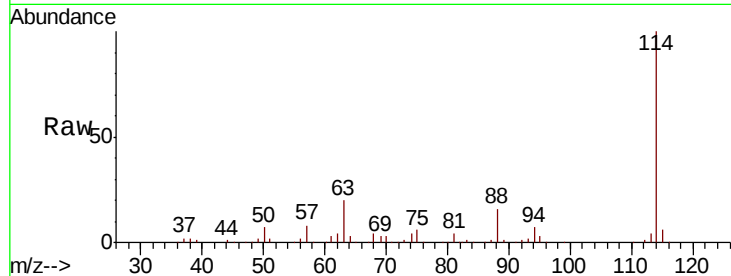




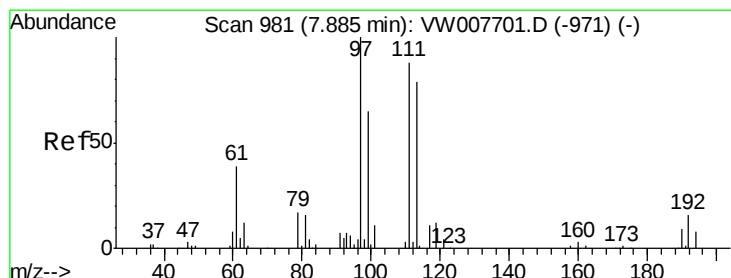
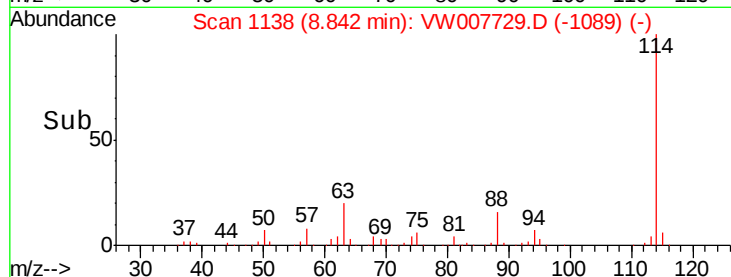
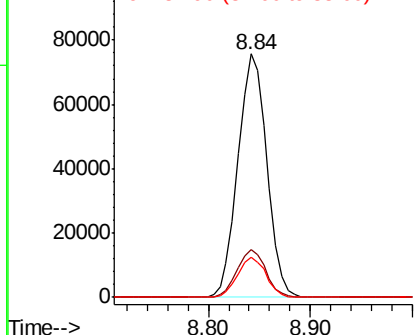
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007729.D
 Acq: 20 Dec 2018 06:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P-4

Tot Ion:114 Resp: 148778
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 16.3 0.0 32.6

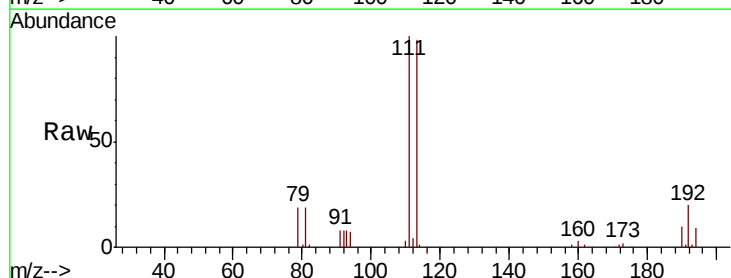


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

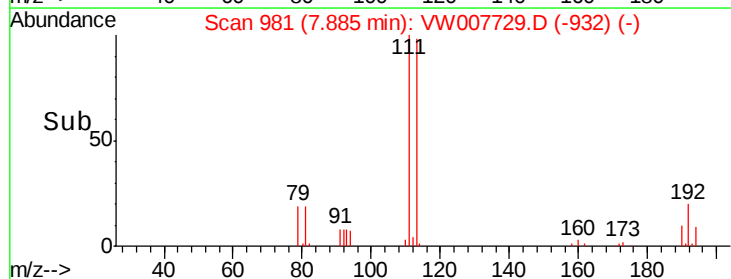
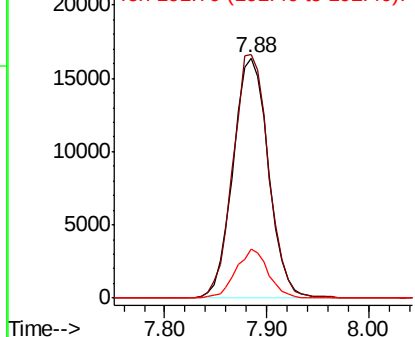


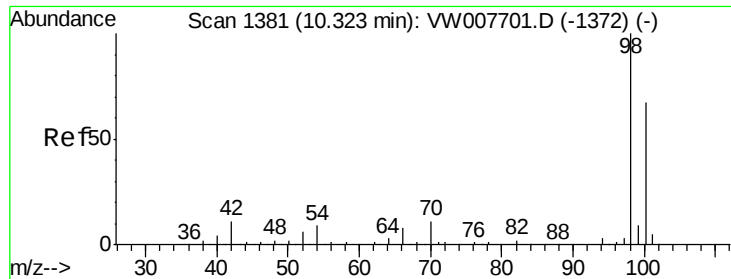
#35
 Dibromofluoromethane
 Concen: 43.346 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007729.D
 Acq: 20 Dec 2018 06:23

Tgt Ion:113 Resp: 39342
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 124.0
 192 18.6 15.5 23.3



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: 33.536 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007729.D

Acq: 20 Dec 2018 06:23

Instrument :

MSVOA_W

ClientSampled :

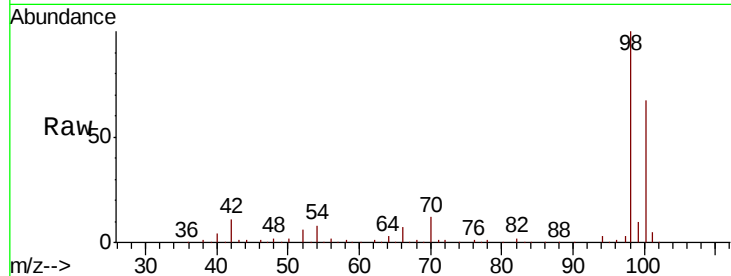
P-4

Tot Ion: 98 Resp: 114746

Ion Ratio Lower Upper

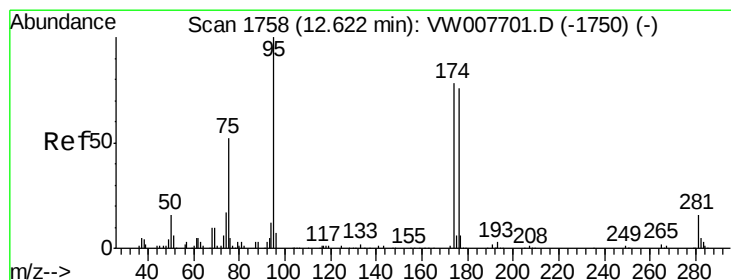
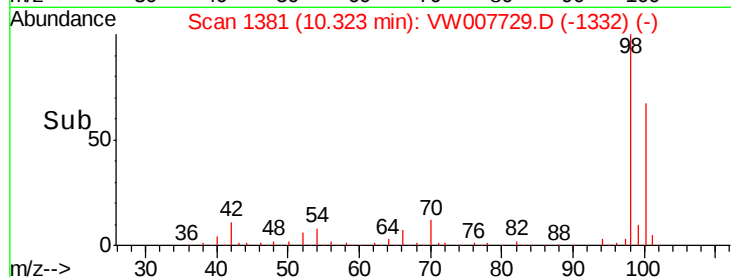
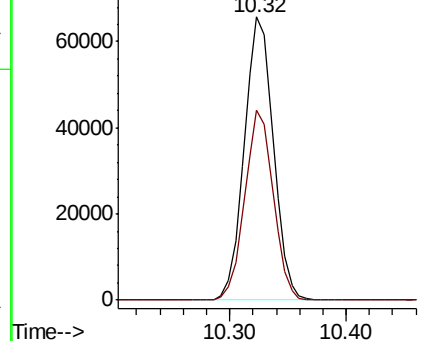
98 100

100 65.6 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: 34.251 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007729.D

Acq: 20 Dec 2018 06:23

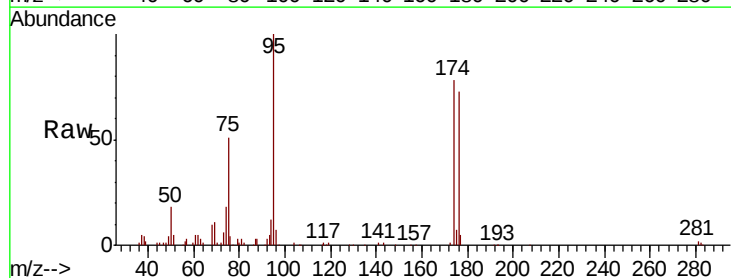
Tgt Ion: 95 Resp: 45274

Ion Ratio Lower Upper

95 100

174 75.5 0.0 152.2

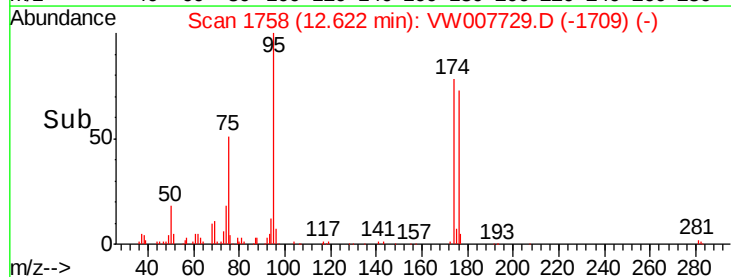
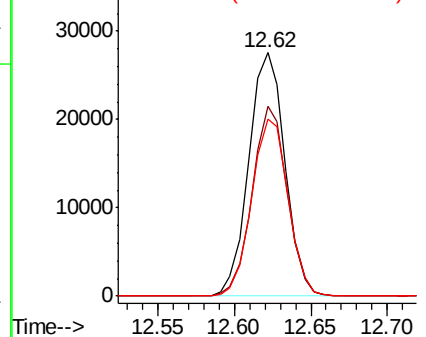
176 73.2 0.0 146.8

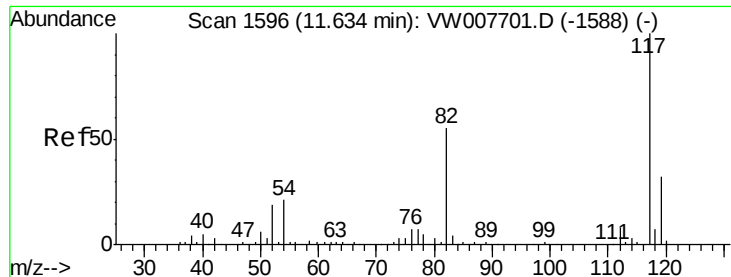


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

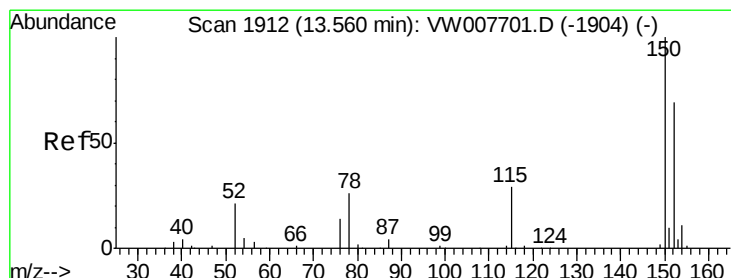
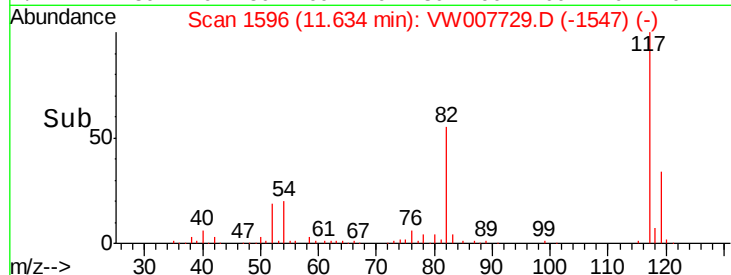
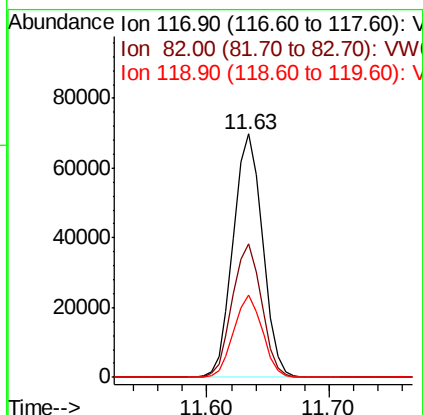
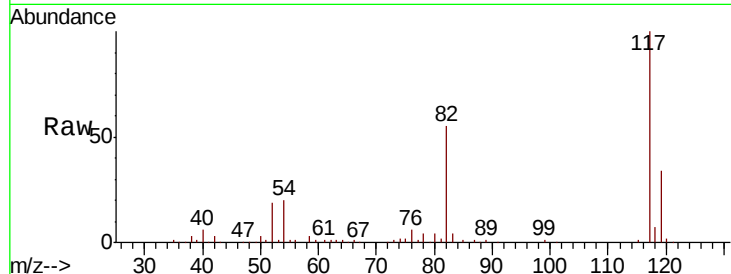




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007729.D
Acq: 20 Dec 2018 06:23

Instrument :
MSVOA_W
ClientSampleId :
P-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.3	66.5
119	33.7	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007729.D
Acq: 20 Dec 2018 06:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.8	95.4
150	156.0	0.0	350.8

