

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005460.D
 Acq On : 18 Sep 2018 05:01
 Operator : SY/AP
 Sample : J4944-01
 Misc : 6.80G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

Quant Time: Sep 18 07:06:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	3687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	5424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	178	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	1581	41.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.62%	
35) Dibromofluoromethane	7.88	113	753	24.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.52%	
50) Toluene-d8	10.33	98	2854	20.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.98%	
62) 4-Bromofluorobenzene	12.63	95	995	19.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.96%	

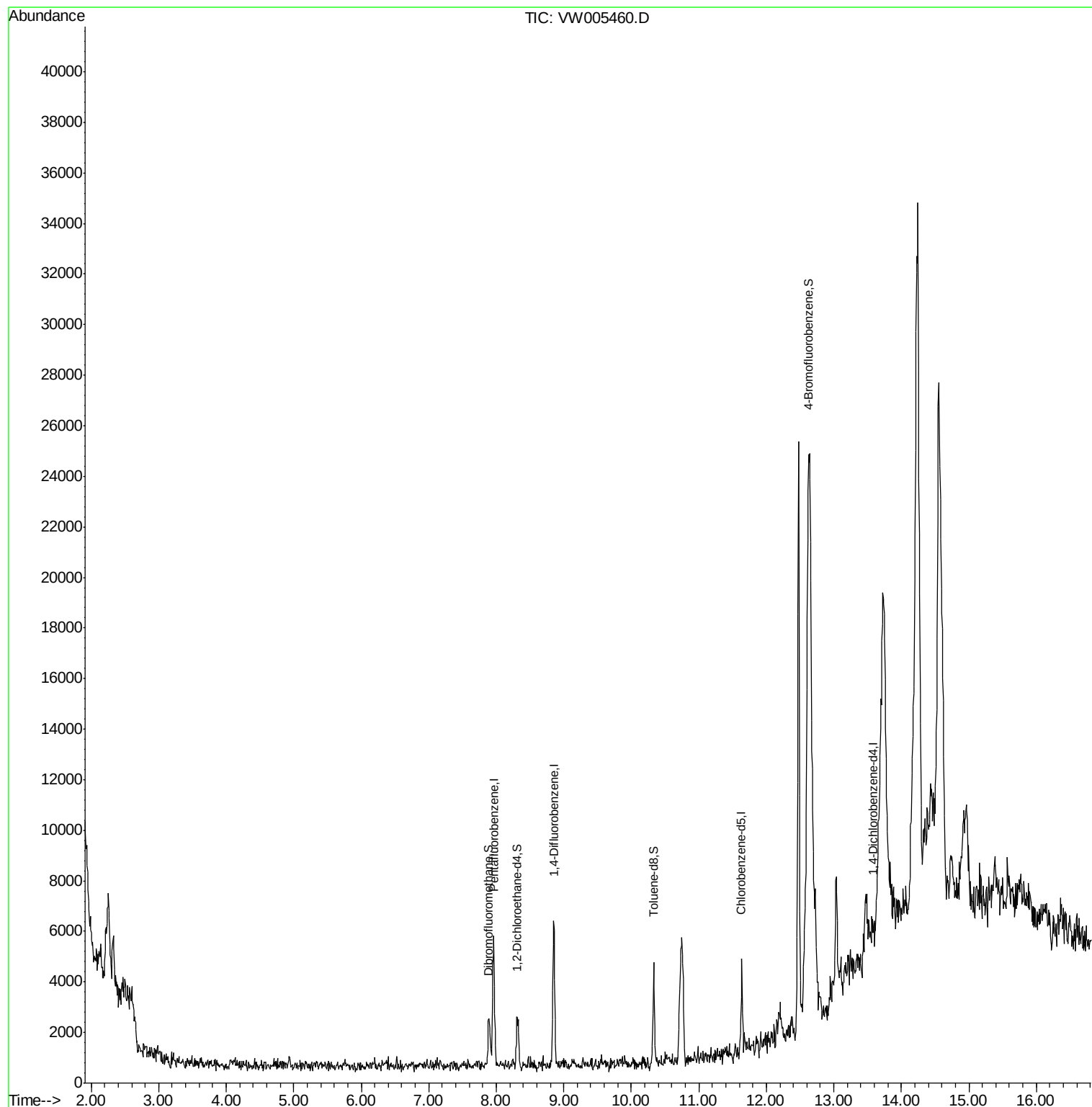
Target Compounds	Qvalue
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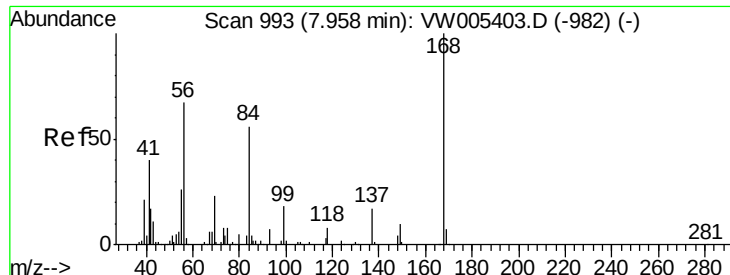
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

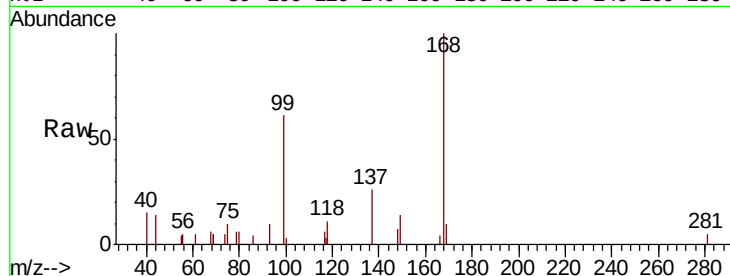
RB48377RT

Tot Ion:168 Resp: 3687

Ion Ratio Lower Upper

168 100

99 60.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

1500

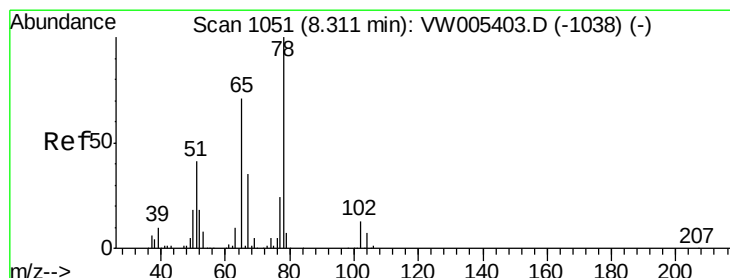
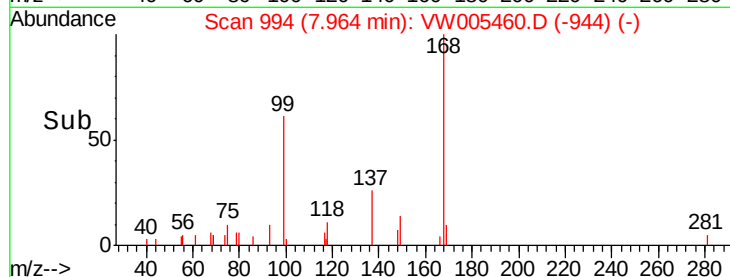
1000

500

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.31 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005460.D

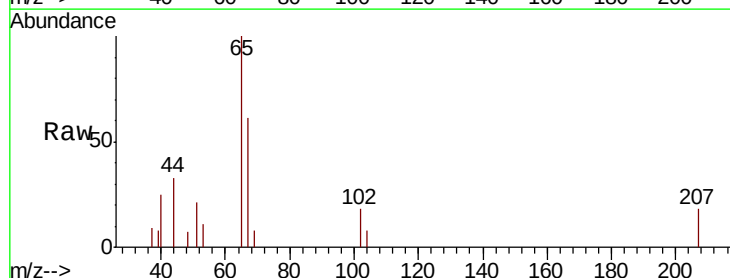
Acq: 18 Sep 2018 05:01

Tgt Ion: 65 Resp: 1581

Ion Ratio Lower Upper

65 100

67 54.3 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

800

600

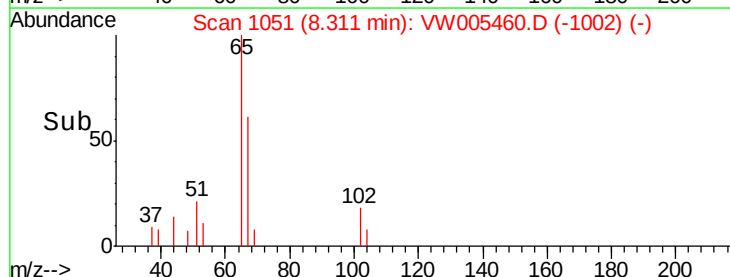
400

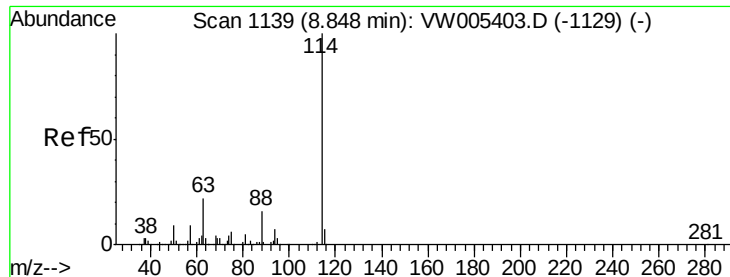
200

0

8.25 8.30 8.35

Time-->

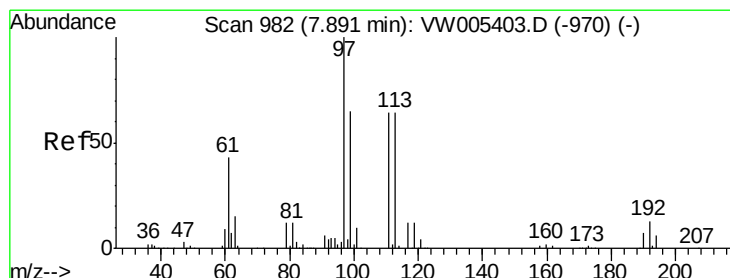
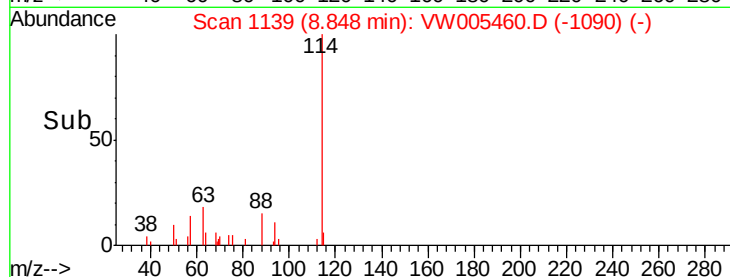
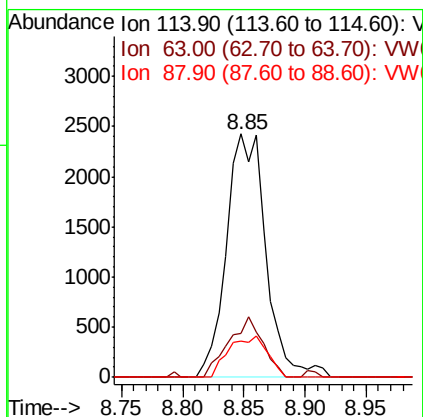
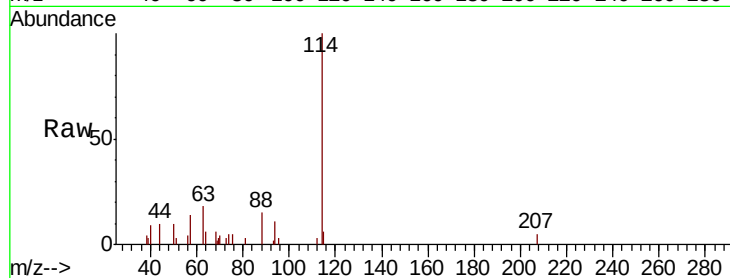




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005460.D
 Acq: 18 Sep 2018 05:01

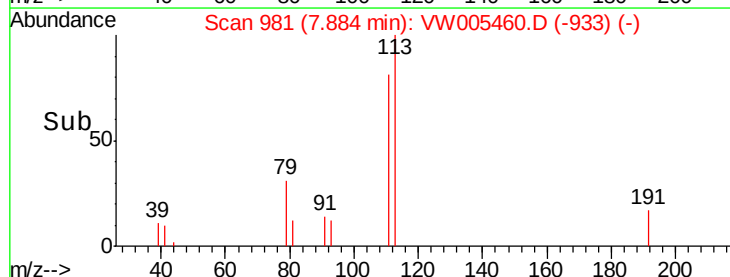
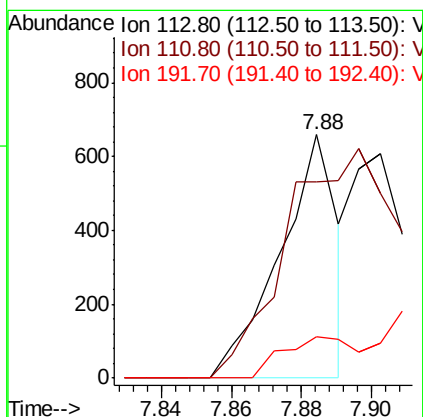
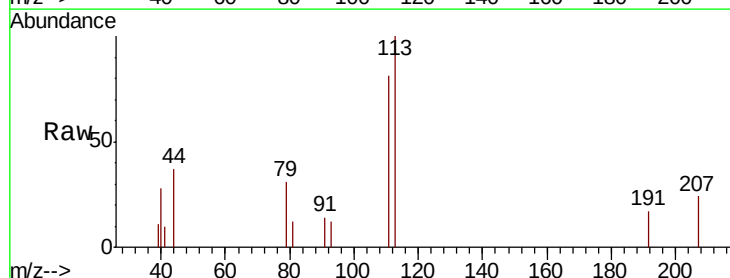
Instrument :
 MSVOA_W
 ClientSampleId :
 RB48377RT

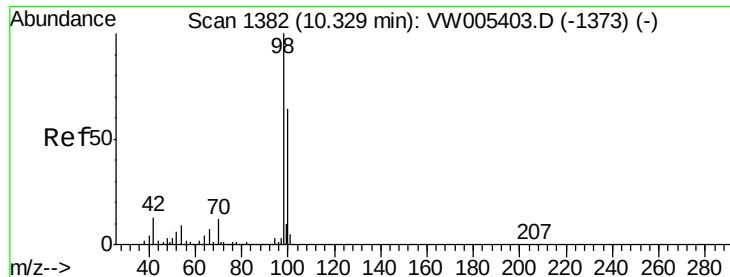
Tot Ion:114	Resp:	5424
Ion	Ratio	Lower Upper
114	100	
63	18.0	0.0 43.4
88	15.0	0.0 31.8



#35
 Dibromofluoromethane
 Concen: 24.76 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005460.D
 Acq: 18 Sep 2018 05:01

Tgt Ion:113	Resp:	753
Ion	Ratio	Lower Upper
113	100	
111	196.0	82.3 123.5#
192	21.4	16.5 24.7





#50

Toluene-d8

Concen: 20.49 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

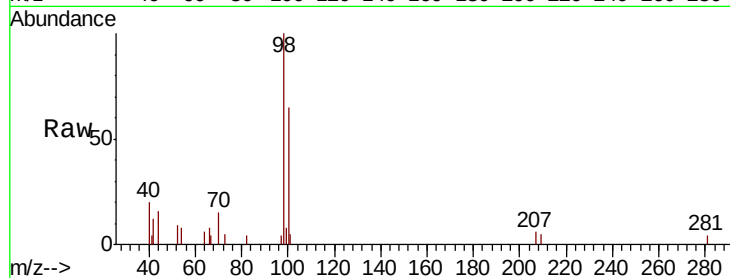
RB48377RT

Tot Ion: 98 Resp: 2854

Ion Ratio Lower Upper

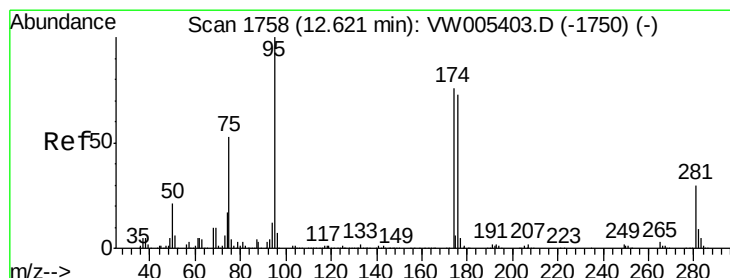
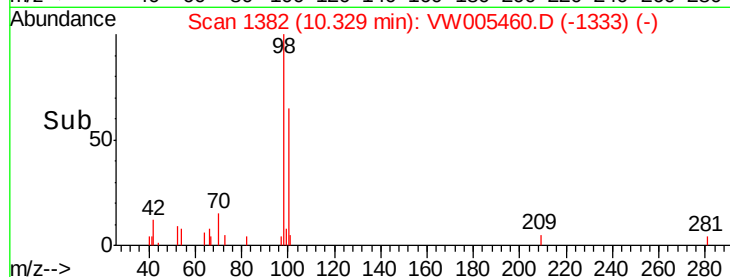
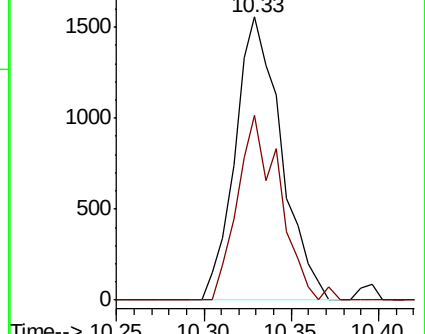
98 100

100 59.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 19.48 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005460.D

Acq: 18 Sep 2018 05:01

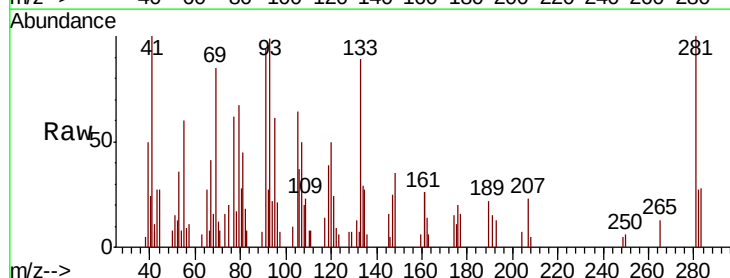
Tgt Ion: 95 Resp: 995

Ion Ratio Lower Upper

95 100

174 26.2 0.0 161.2

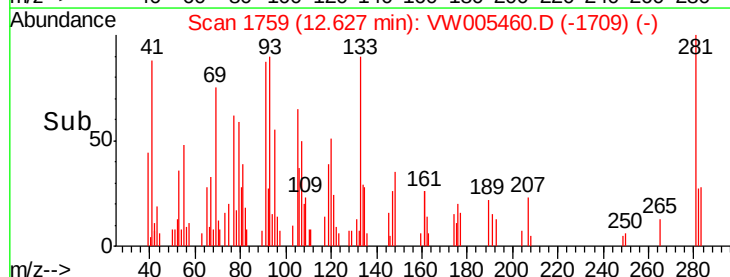
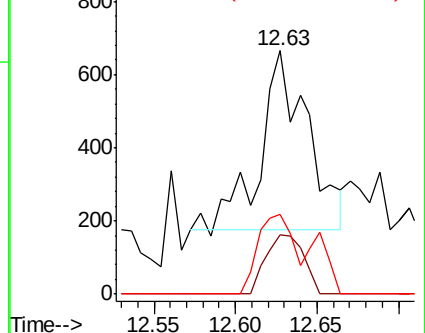
176 33.4 0.0 156.6

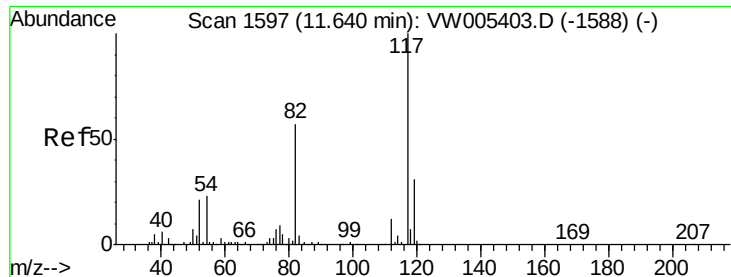


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

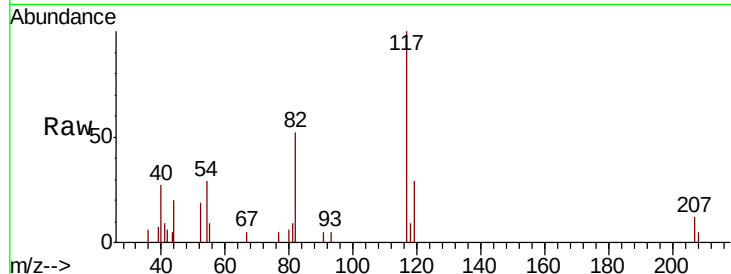




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

Instrument :
MSVOA_W
ClientSampled :
RB48377RT

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	45.9	68.9
119	28.6	24.8	37.2

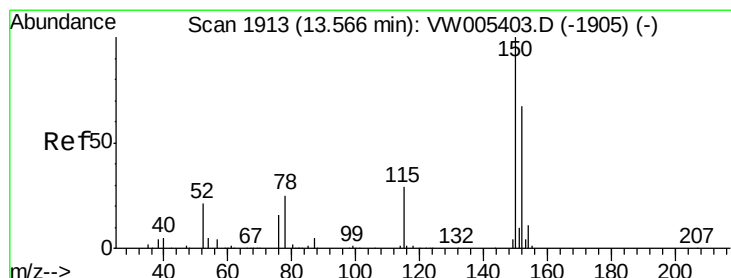
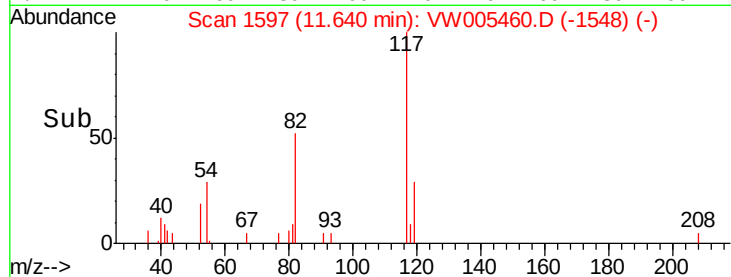
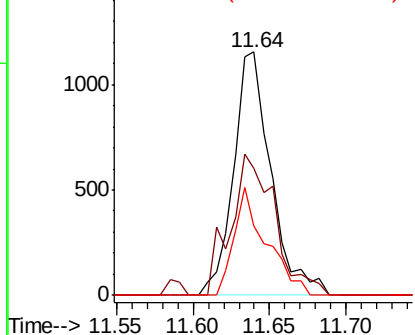


Abundance

Ion 116.90 (116.60 to 117.60): V

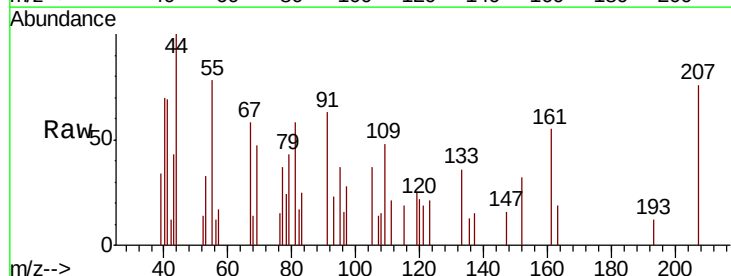
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW005460.D
Acq: 18 Sep 2018 05:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	103.4	29.5	88.5#
150	177.0	0.0	345.6



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

