

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005664.D
 Acq On : 26 Sep 2018 20:16
 Operator : VA/AP
 Sample : J4773-17
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-092518-D

Quant Time: Sep 27 07:11:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

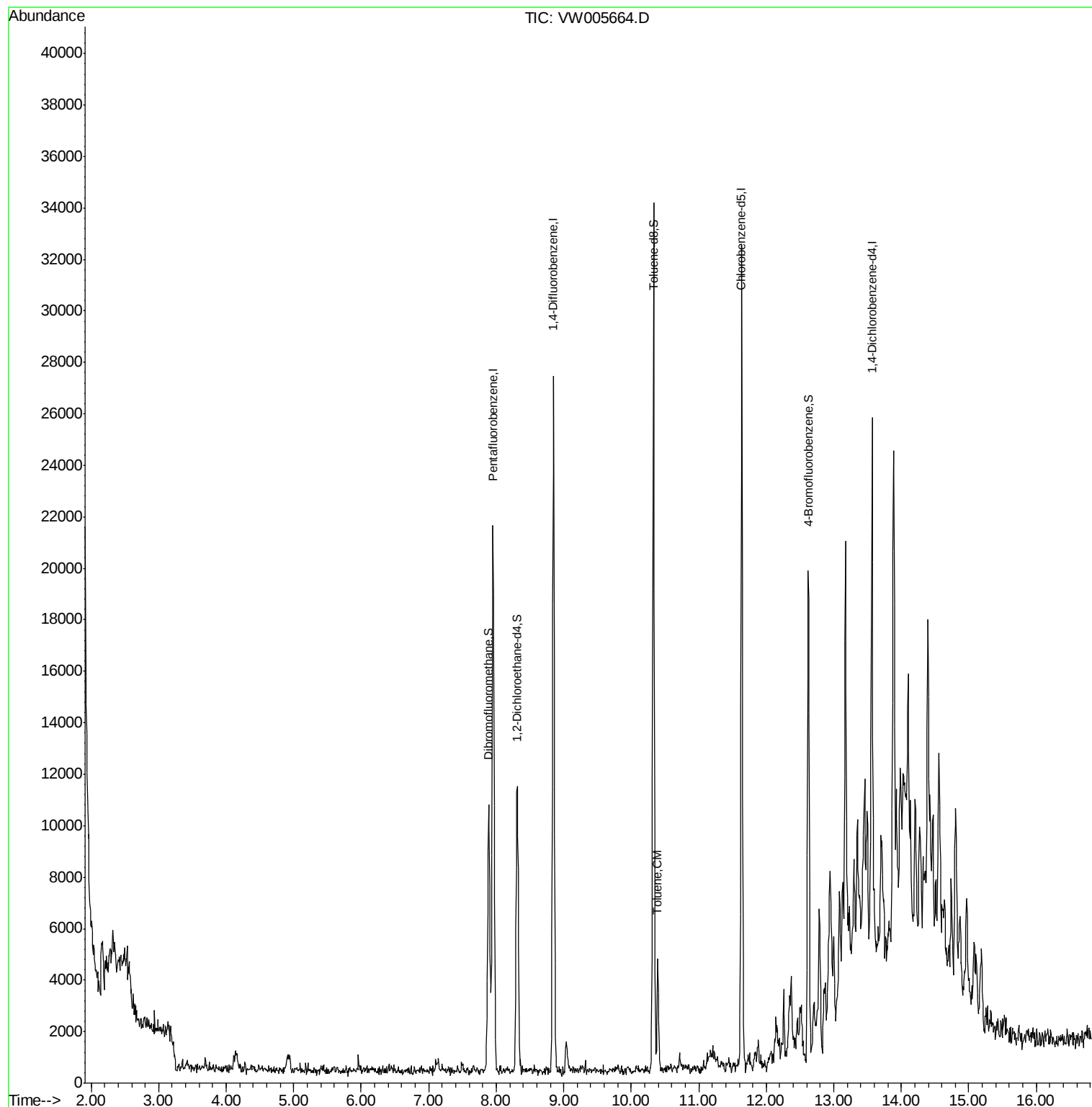
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	15220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	20812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	9348	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
35) Dibromofluoromethane	7.89	113	7409	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.22%	
50) Toluene-d8	10.33	98	22306	41.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.72%	
62) 4-Bromofluorobenzene	12.62	95	6442	32.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.34%	
Target Compounds						
52) Toluene	10.39	92	1790	4.833	ug/l	Qvalue 88

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\
Data File : VW005664.D
Acq On : 26 Sep 2018 20:16
Operator : VA/AP
Sample : J4773-17
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-02-092518-D

Quant Time: Sep 27 07:11:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005664.D

Acq: 26 Sep 2018 20:16

Instrument :

MSVOA_W

ClientSampleId :

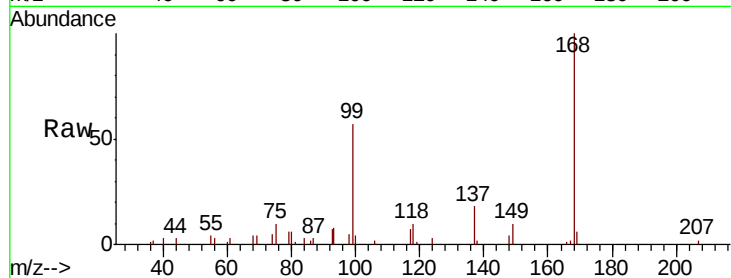
CL-02-092518-D

Tot Ion:168 Resp: 15220

Ion Ratio Lower Upper

168 100

99 57.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

6000

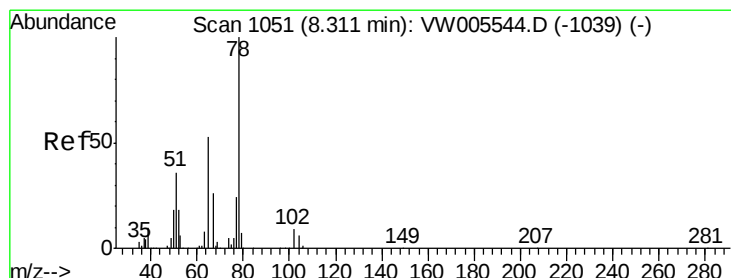
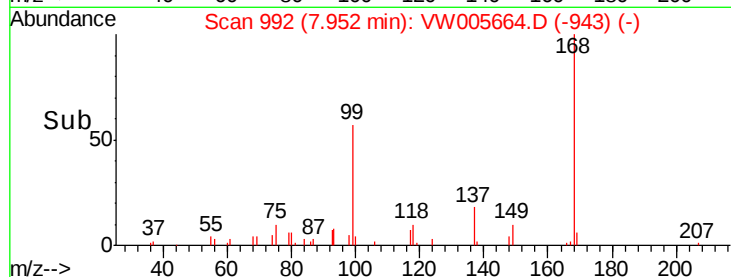
4000

2000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.135 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005664.D

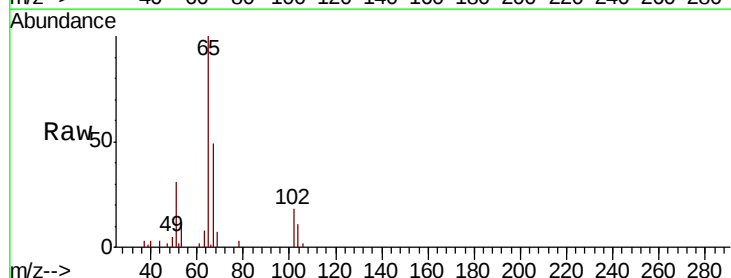
Acq: 26 Sep 2018 20:16

Tgt Ion: 65 Resp: 9348

Ion Ratio Lower Upper

65 100

67 52.2 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

5000

4000

3000

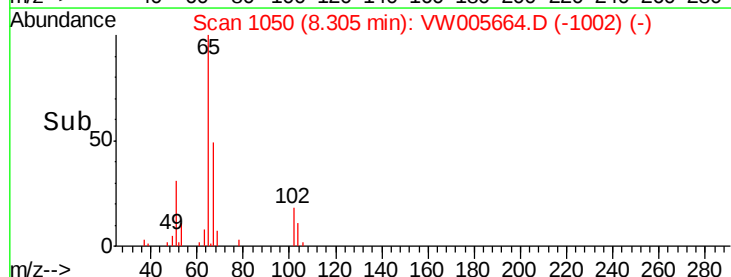
2000

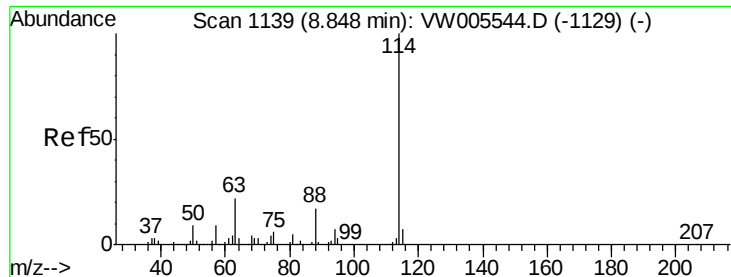
1000

0

8.20 8.25 8.30 8.35 8.40

Time-->

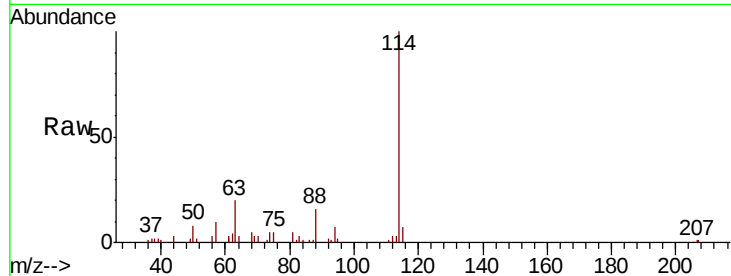




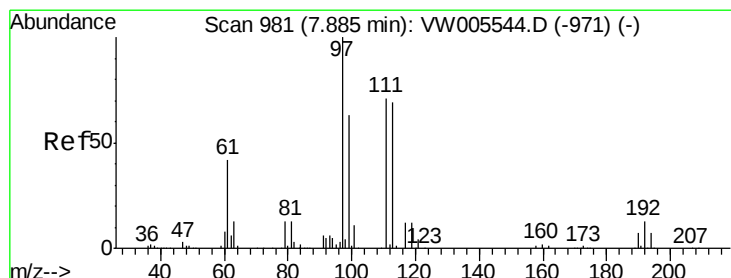
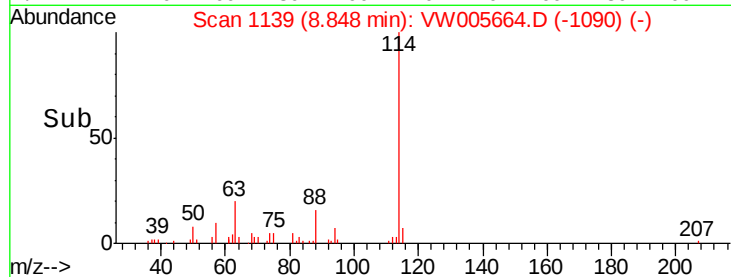
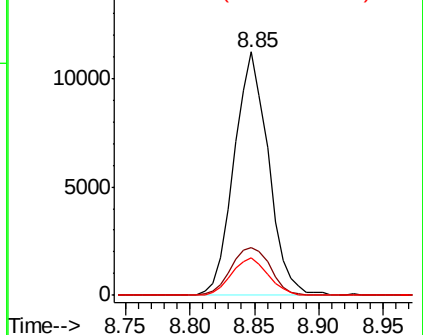
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005664.D
 Acq: 26 Sep 2018 20:16

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-092518-D

Tot Ion:114	Resp:	20812
Ion Ratio	Lower	Upper
114 100		
63 19.6	0.0	43.0
88 15.6	0.0	33.0

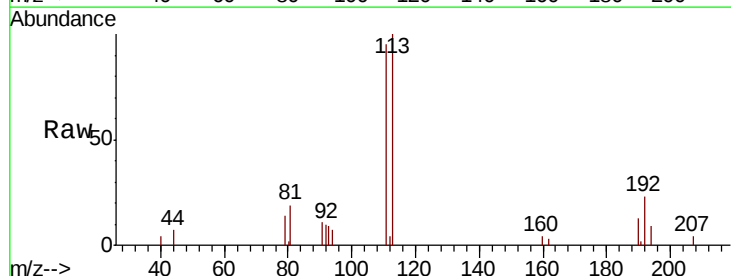


Abundance Ion 113.90 (113.60 to 114.60): V
 15000 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

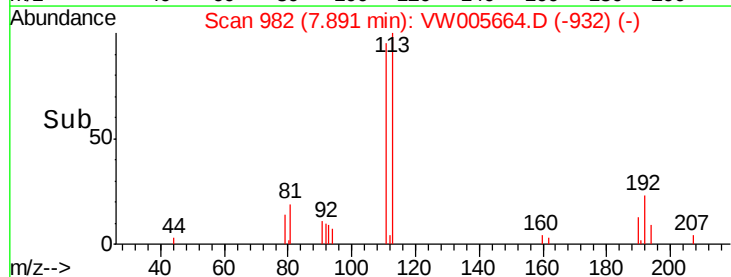
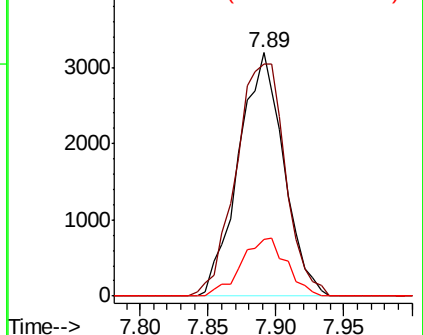


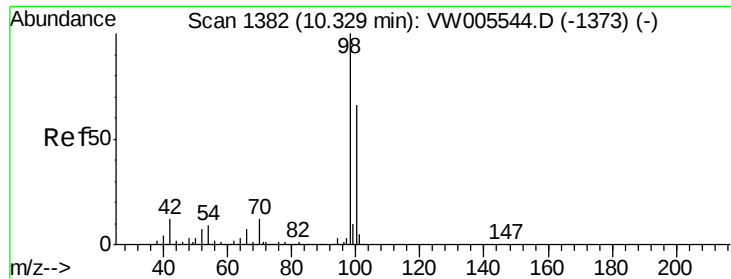
#35
 Dibromofluoromethane
 Concen: 56.610 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005664.D
 Acq: 26 Sep 2018 20:16

Tgt Ion:113	Resp:	7409
Ion Ratio	Lower	Upper
113 100		
111 104.8	82.6	123.8
192 23.7	17.0	25.4



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: 41.857 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005664.D

Acq: 26 Sep 2018 20:16

Instrument :

MSVOA_W

ClientSampleId :

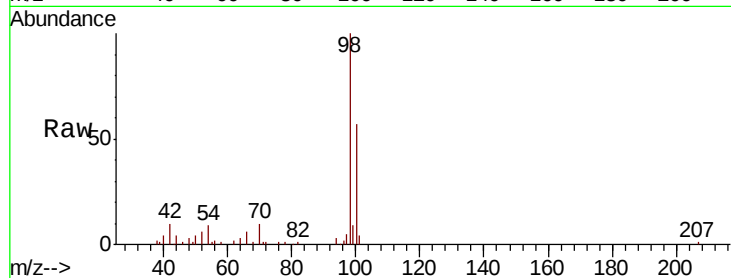
CL-02-092518-D

Tot Ion: 98 Resp: 22306

Ion Ratio Lower Upper

98 100

100 62.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

15000

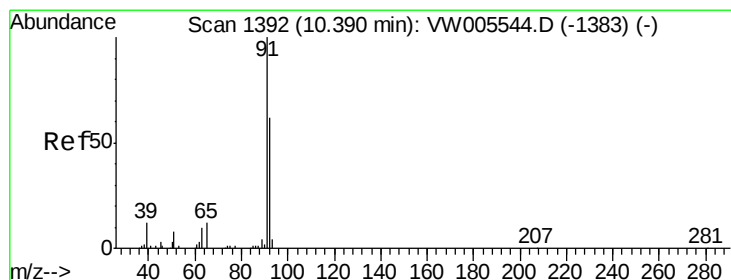
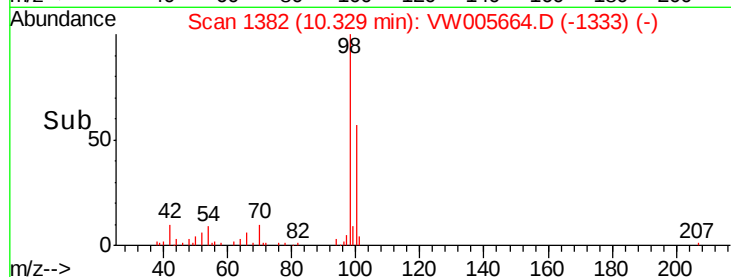
10000

5000

0

10.25 10.30 10.35 10.40

Time-->



#52

Toluene

Concen: 4.833 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005664.D

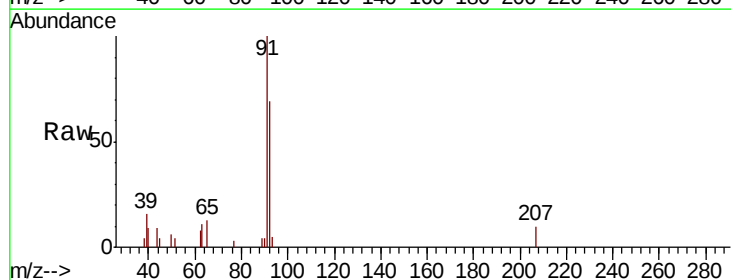
Acq: 26 Sep 2018 20:16

Tgt Ion: 92 Resp: 1790

Ion Ratio Lower Upper

92 100

91 187.5 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

2000

1500

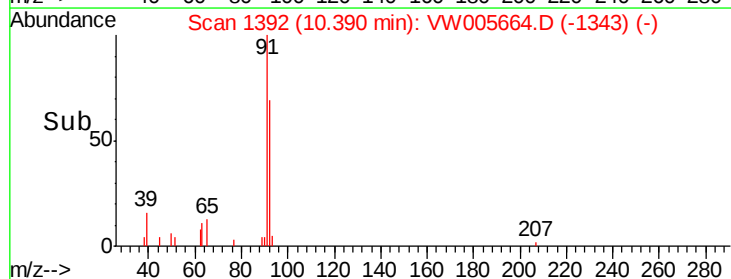
1000

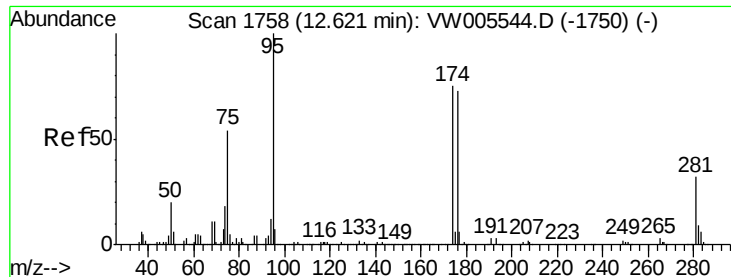
500

0

10.35 10.40 10.45

Time-->

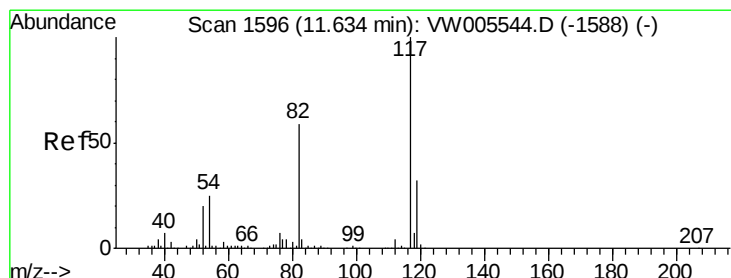
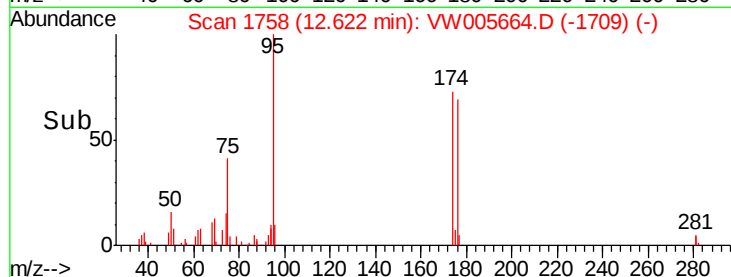
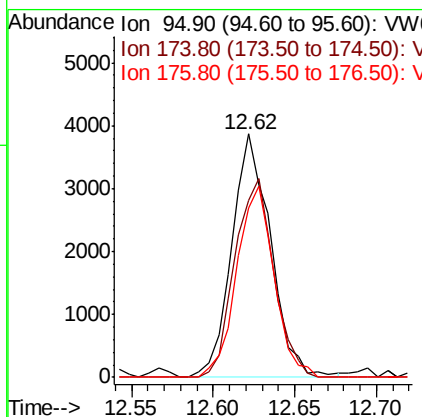
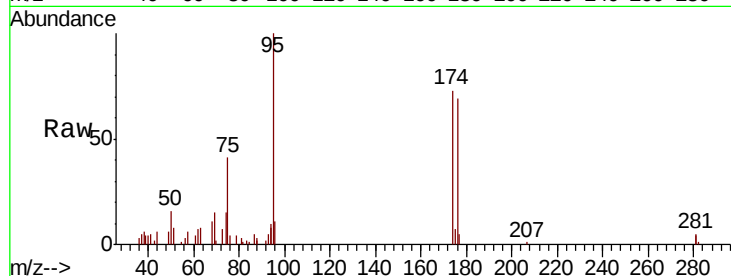




#62
4-Bromofluorobenzene
Concen: 32.669 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005664.D
Acq: 26 Sep 2018 20:16

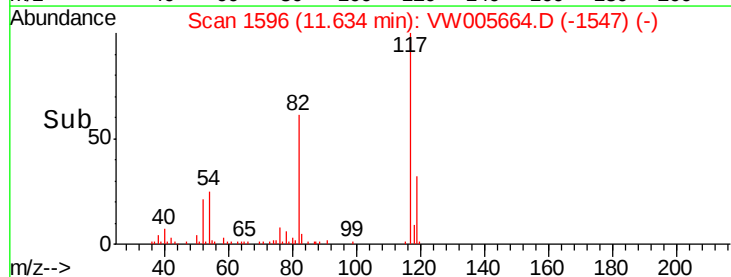
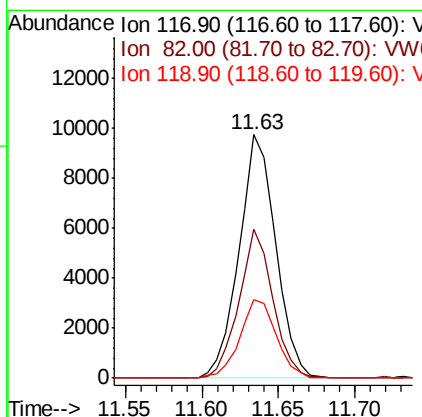
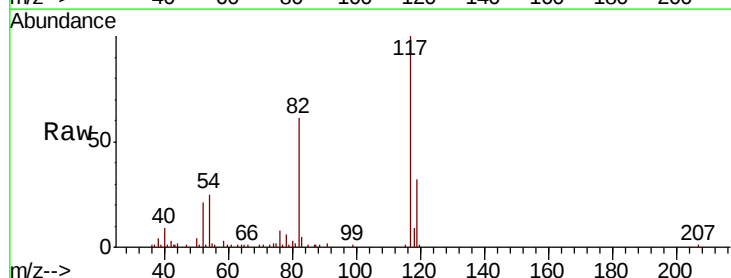
Instrument :
MSVOA_W
ClientSampleId :
CL-02-092518-D

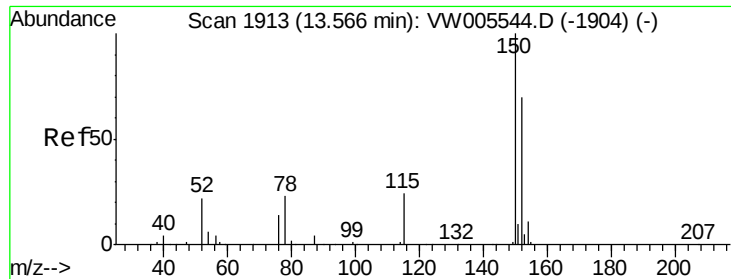
Tot Ion: 95 Resp: 6442
Ion Ratio Lower Upper
95 100
174 81.7 0.0 163.8
176 75.6 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005664.D
Acq: 26 Sep 2018 20:16

Tgt Ion: 117 Resp: 16253
Ion Ratio Lower Upper
117 100
82 60.9 46.9 70.3
119 32.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005664.D

Acq: 26 Sep 2018 20:16

Instrument :

MSVOA_W

ClientSampleId :

CL-02-092518-D

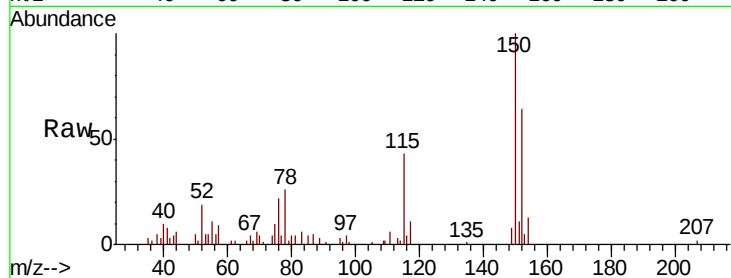
Tot Ion:152 Resp: 5297

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 157.0 0.0 348.6



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

