

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004537.D
 Acq On : 08 Aug 2018 19:51
 Operator : SY/AP
 Sample : J4275-05
 Misc : 5.72G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-080718-C

Quant Time: Aug 09 05:33:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	443972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	743750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	676768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	268006	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	405863	82.58	ug/l	0.00
Spiked Amount			Recovery	=	165.16%	
35) Dibromofluoromethane	7.88	113	378244	76.27	ug/l	0.00
Spiked Amount			Recovery	=	152.54%	
50) Toluene-d8	10.33	98	1290906	68.28	ug/l	0.00
Spiked Amount			Recovery	=	136.56%	
62) 4-Bromofluorobenzene	12.62	95	403418	59.24	ug/l	0.00
Spiked Amount			Recovery	=	118.48%	

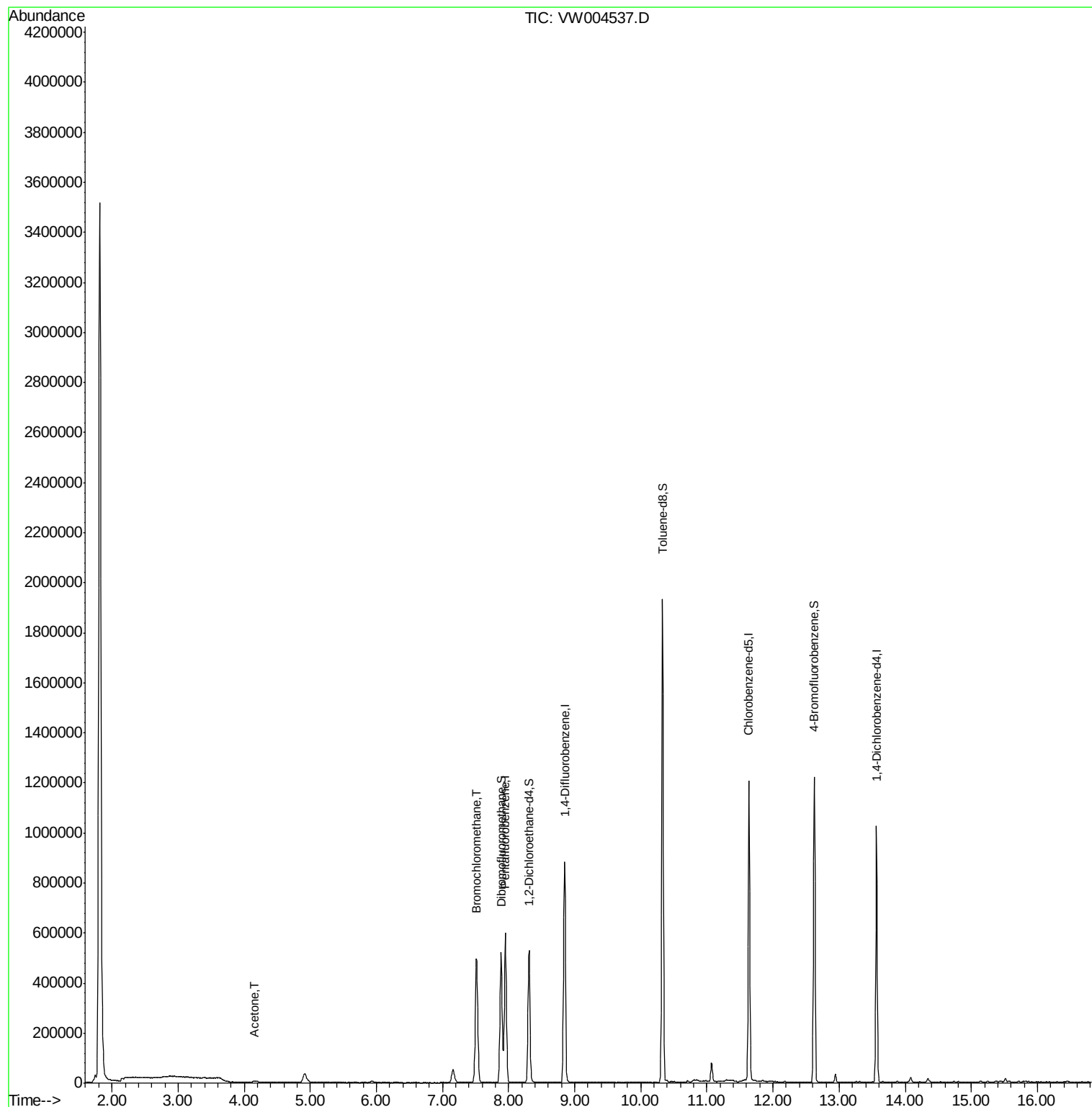
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	12069	9.83	ug/l	95
28) Bromochloromethane	7.51	49	313723	74.94	ug/l	100

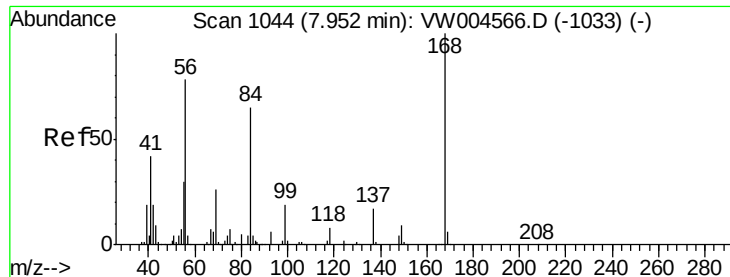
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 07 08:22:01 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004537.D

Acq: 08 Aug 2018 19:51

Instrument :

MSVOA_W

ClientSampleId :

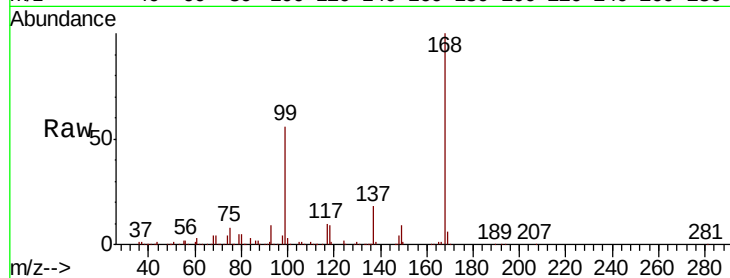
CL-02-080718-C

Tot Ion:168 Resp: 443972

Ion Ratio Lower Upper

168 100

99 56.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

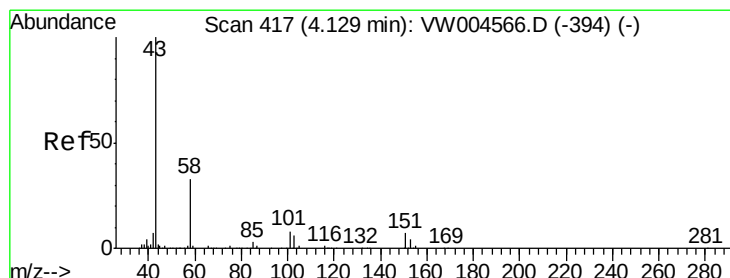
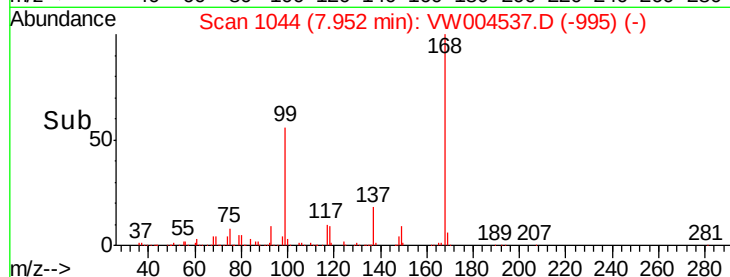
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 9.83 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.02 min

Lab File: VW004537.D

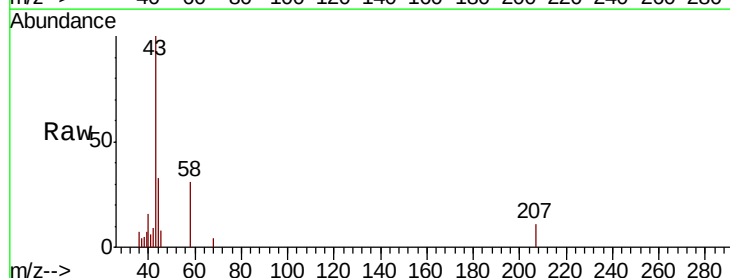
Acq: 08 Aug 2018 19:51

Tgt Ion: 43 Resp: 12069

Ion Ratio Lower Upper

43 100

58 30.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

3000

2500

2000

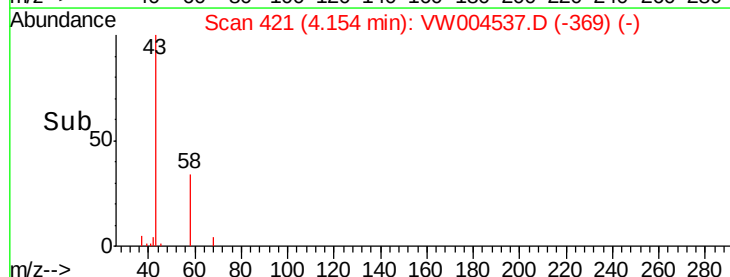
1500

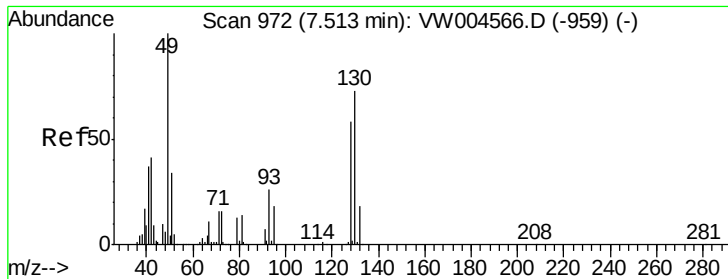
1000

500

0

Time--> 4.00 4.10 4.20 4.30





#28

Bromochloromethane

Concen: 74.94 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.00 min

Lab File: VW004537.D

Acq: 08 Aug 2018 19:51

Instrument :

MSVOA_W

ClientSampleId :

CL-02-080718-C

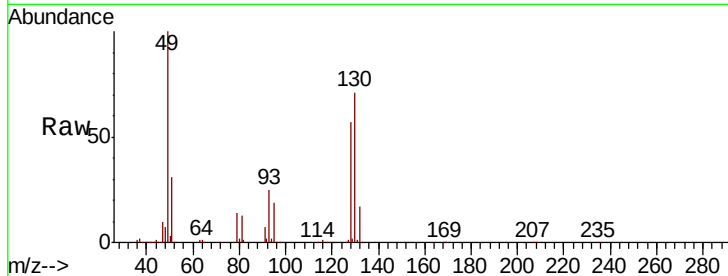
Tot Ion: 49 Resp: 313723

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.0

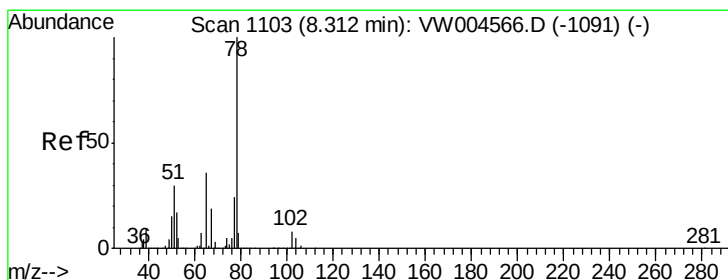
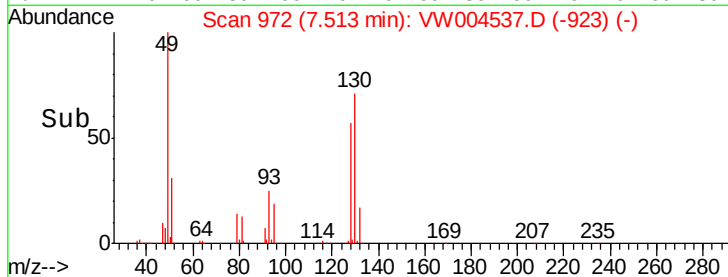
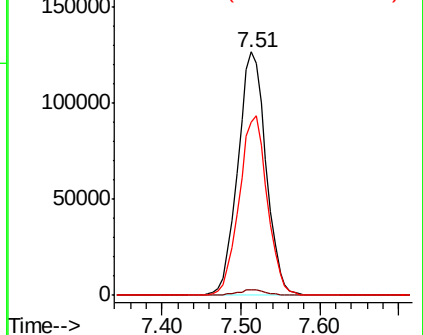
130 73.7 58.8 88.2



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#33

1,2-Dichloroethane-d4

Concen: 82.58 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004537.D

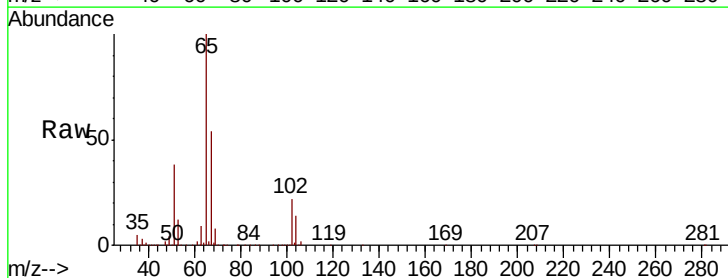
Acq: 08 Aug 2018 19:51

Tgt Ion: 65 Resp: 405863

Ion Ratio Lower Upper

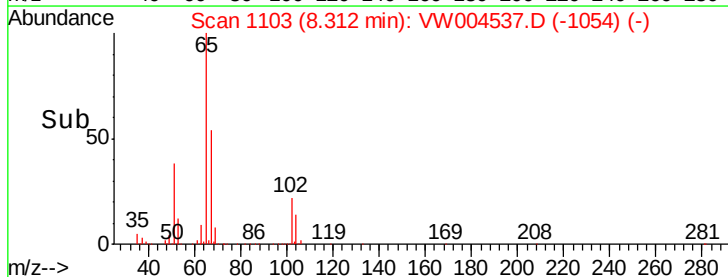
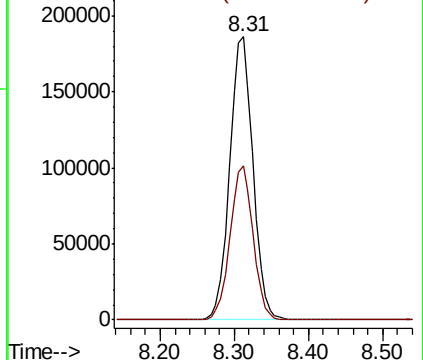
65 100

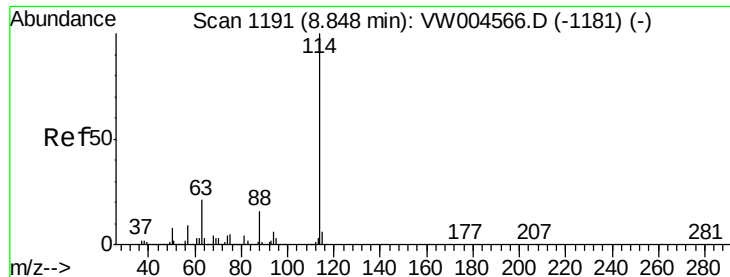
67 53.9 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004537.D

Acq: 08 Aug 2018 19:51

Instrument :

MSVOA_W

ClientSampleId :

CL-02-080718-C

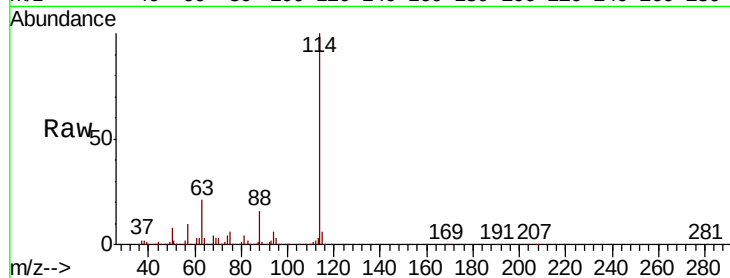
Tot Ion:114 Resp: 743750

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

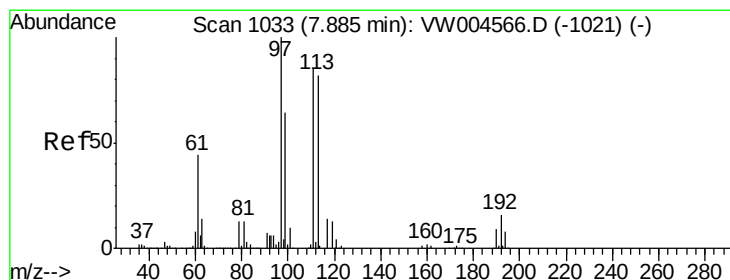
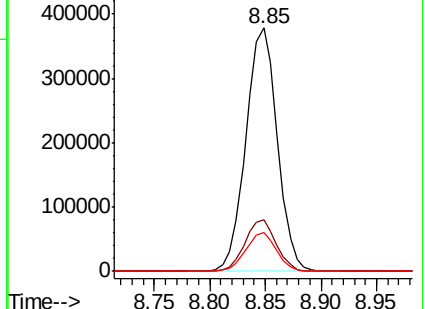
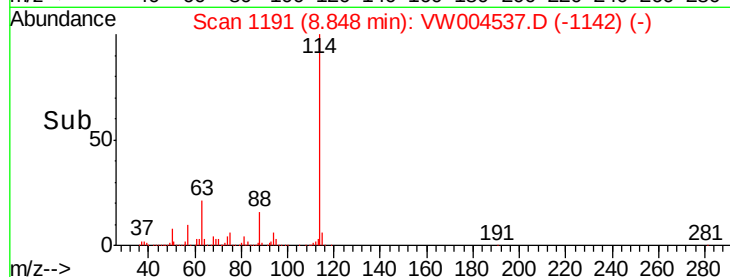
88 16.1 0.0 31.2



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: 76.27 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004537.D

Acq: 08 Aug 2018 19:51

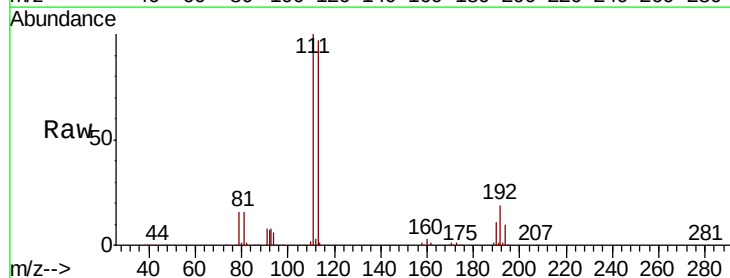
Tgt Ion:113 Resp: 378244

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

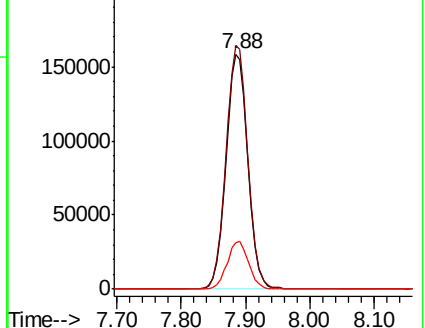
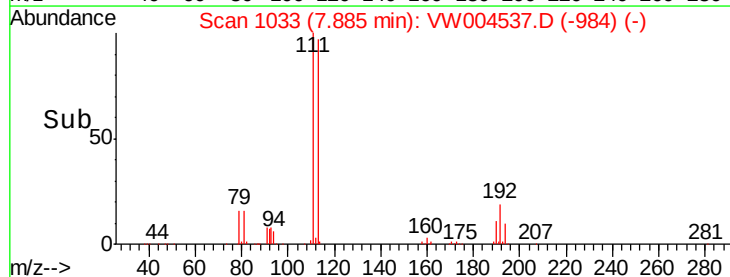
192 20.1 15.8 23.6

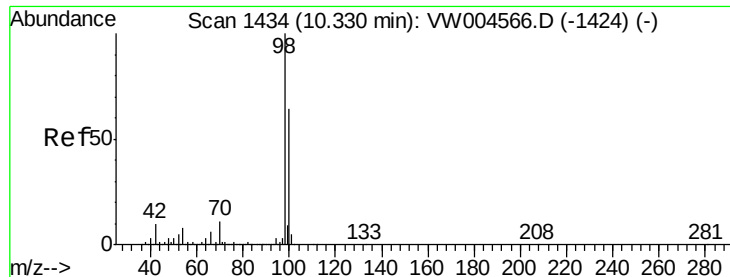


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 68.28 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004537.D

Acq: 08 Aug 2018 19:51

Instrument :

MSVOA_W

ClientSampleId :

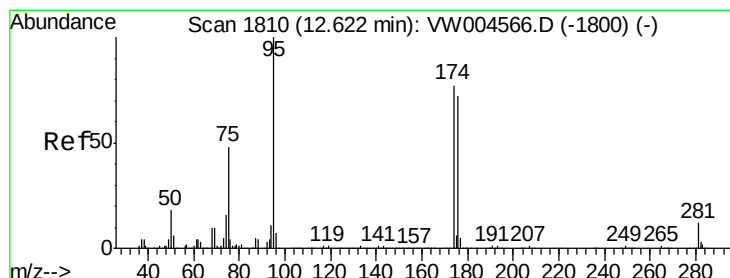
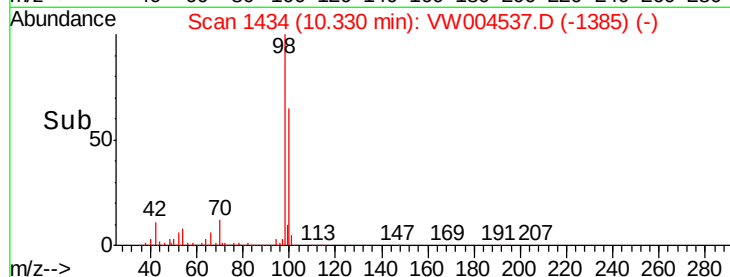
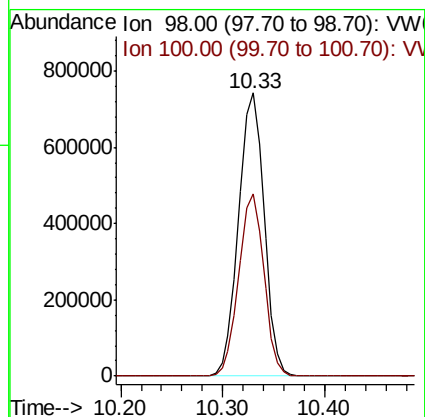
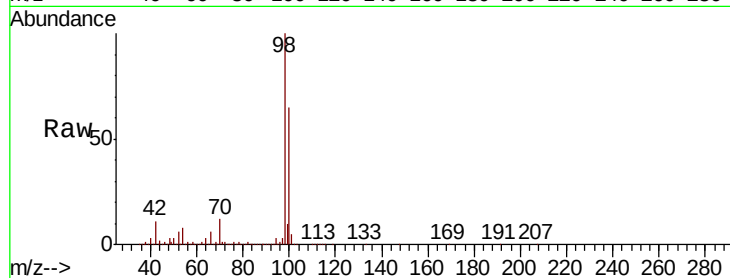
CL-02-080718-C

Tot Ion: 98 Resp: 1290906

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 59.24 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004537.D

Acq: 08 Aug 2018 19:51

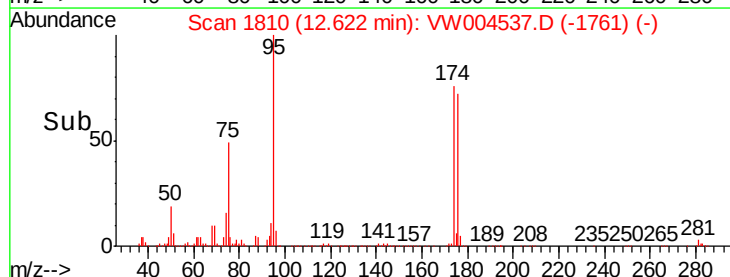
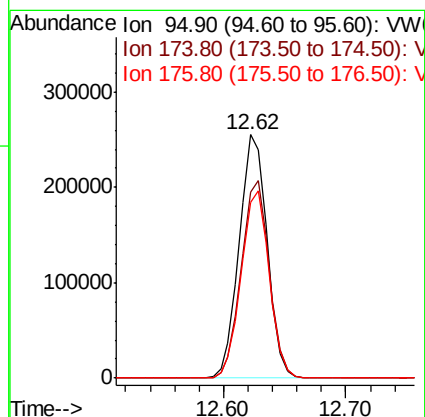
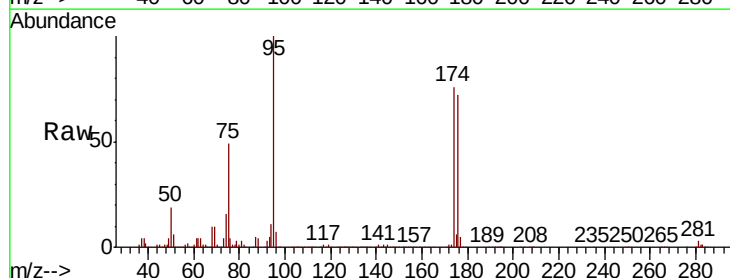
Tgt Ion: 95 Resp: 403418

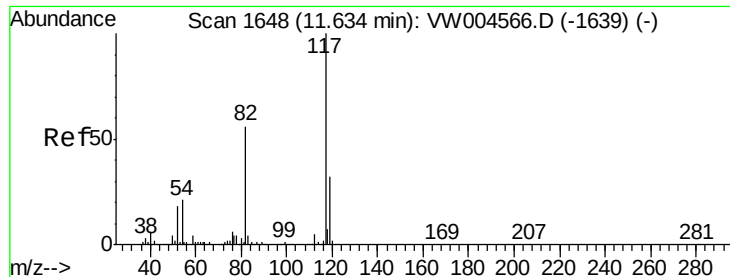
Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.4

176 77.4 0.0 153.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004537.D

Acq: 08 Aug 2018 19:51

Instrument :

MSVOA_W

ClientSampleId :

CL-02-080718-C

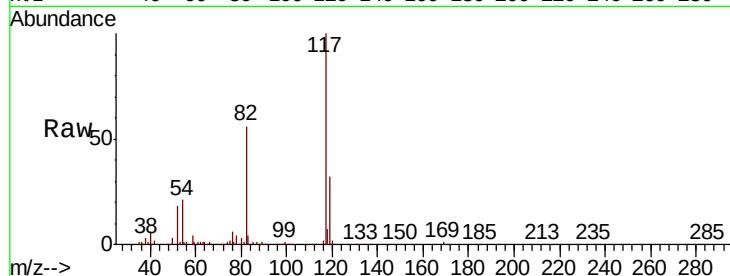
Tot Ion:117 Resp: 676768

Ion Ratio Lower Upper

117 100

82 56.0 45.3 67.9

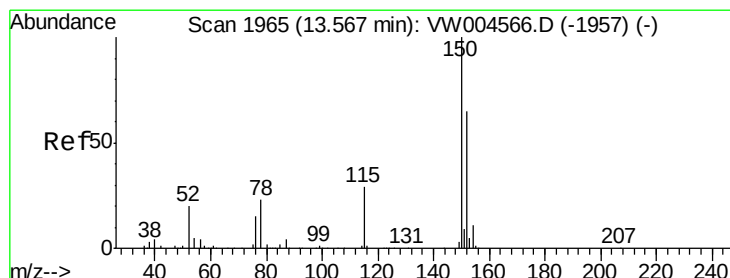
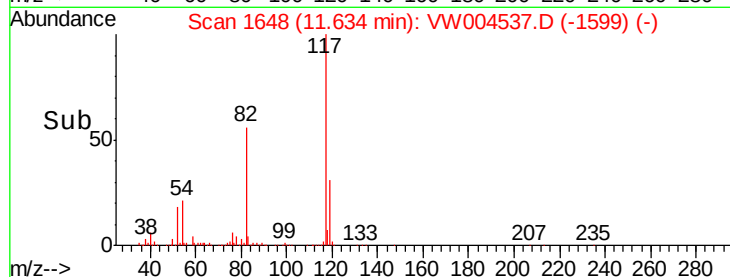
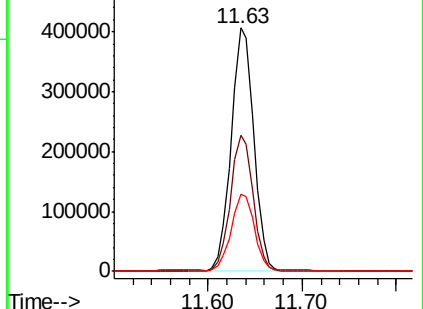
119 31.5 26.2 39.4



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: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004537.D

Acq: 08 Aug 2018 19:51

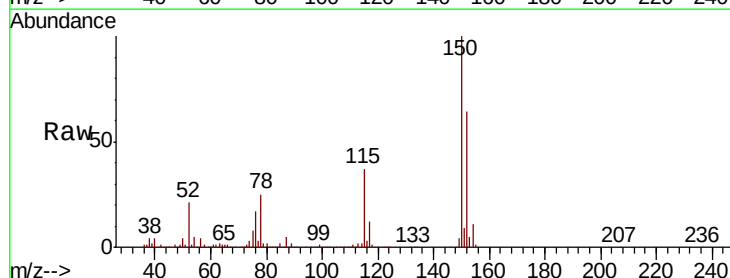
Tgt Ion:152 Resp: 268006

Ion Ratio Lower Upper

152 100

115 58.6 29.1 87.3

150 155.6 0.0 349.6



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

