

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063044.D
 Acq On : 8 Jul 2019 18:47
 Operator : VA/AP
 Sample : K3697-04
 Misc : 6.55g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200035

Quant Time: Jul 09 05:51:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

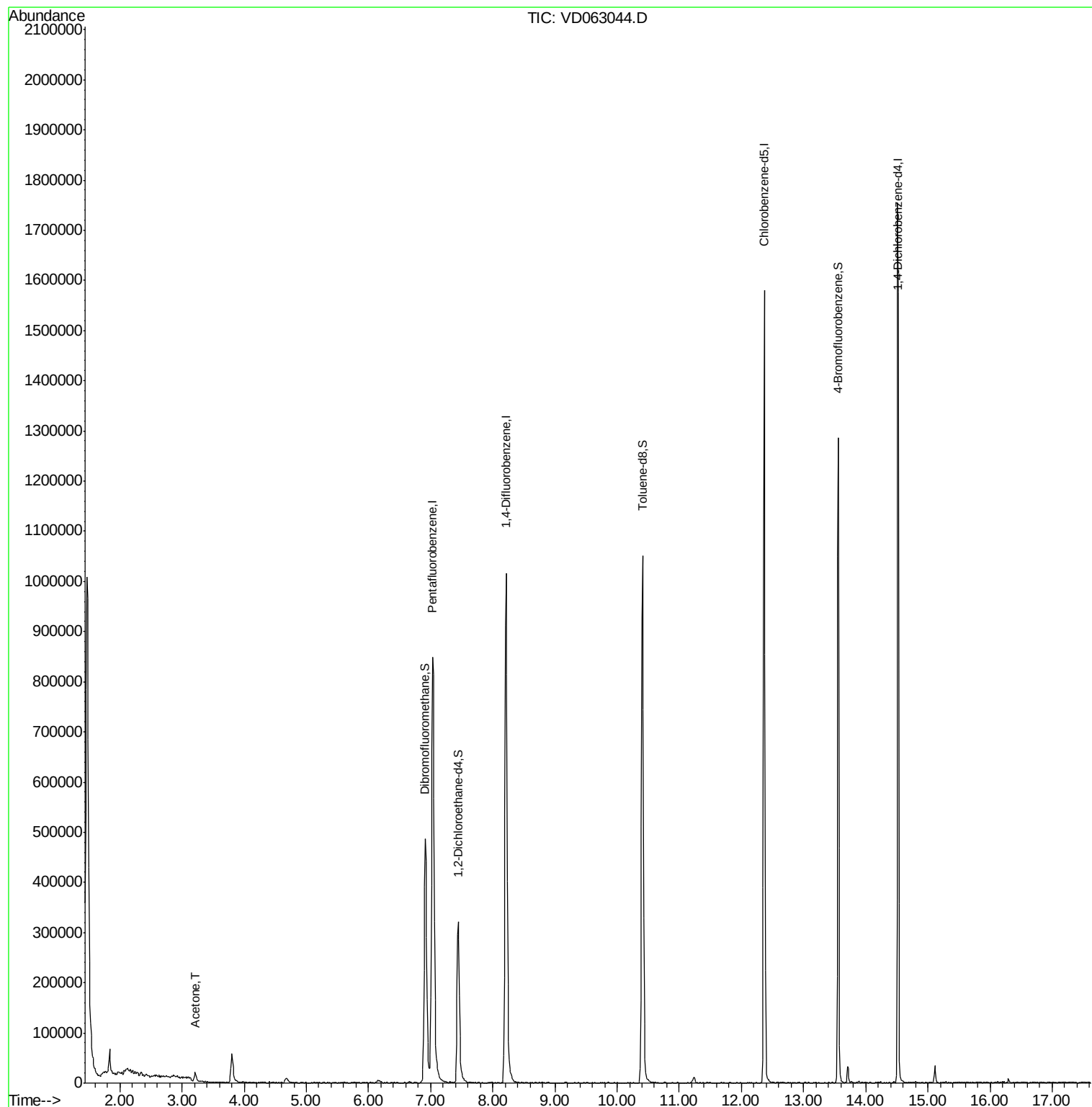
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	839570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1105301	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	831556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	406482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	400856	43.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.84%	
35) Dibromofluoromethane	6.91	113	423544	45.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.90%	
50) Toluene-d8	10.41	98	823298	40.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.18%	
62) 4-Bromofluorobenzene	13.56	95	358206	38.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.68%	
Target Compounds						
16) Acetone	3.21	43	32360	10.792	ug/l	Qvalue 99

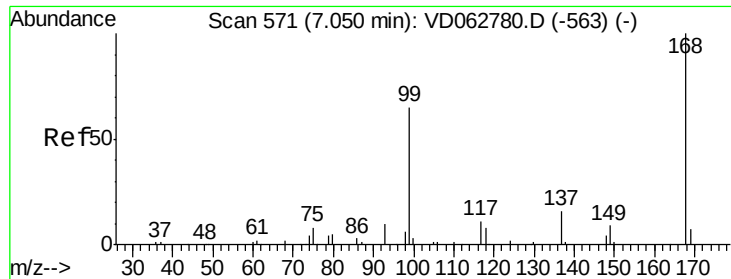
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

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Acq: 8 Jul 2019 18:47

Instrument :

MSVOA_D

ClientSampleId :

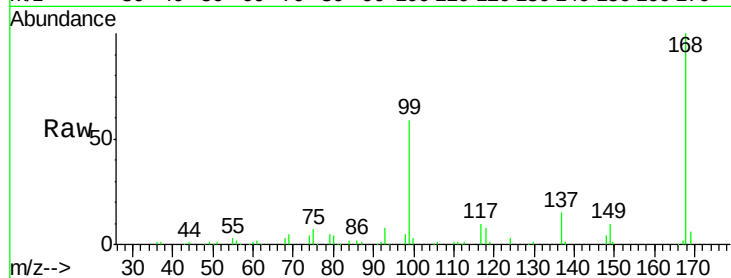
RBR-200035

Tot Ion:168 Resp: 839570

Ion Ratio Lower Upper

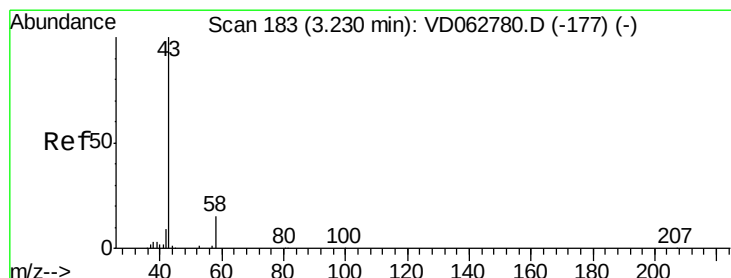
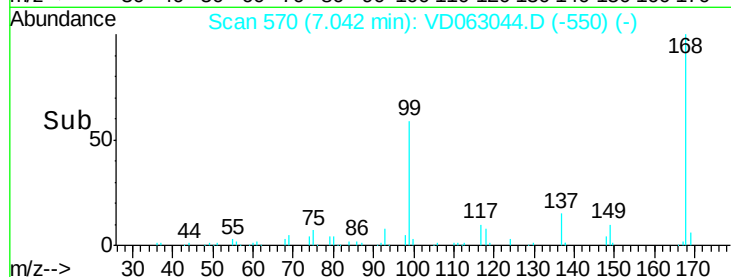
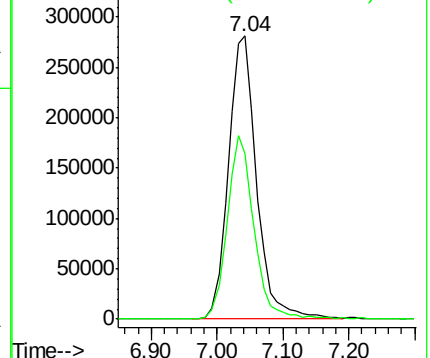
168 100

99 58.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 10.792 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063044.D

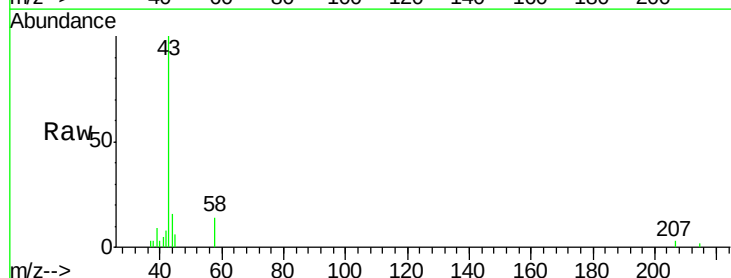
Acq: 8 Jul 2019 18:47

Tgt Ion: 43 Resp: 32360

Ion Ratio Lower Upper

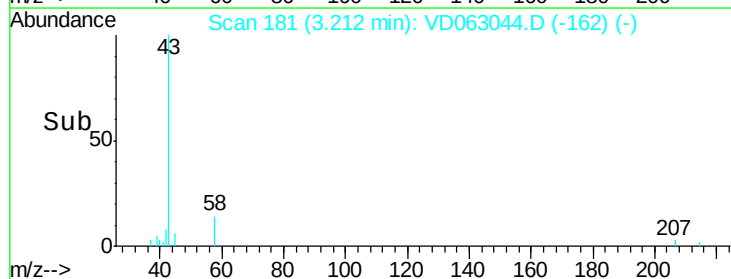
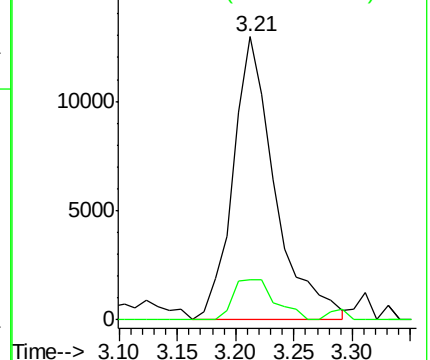
43 100

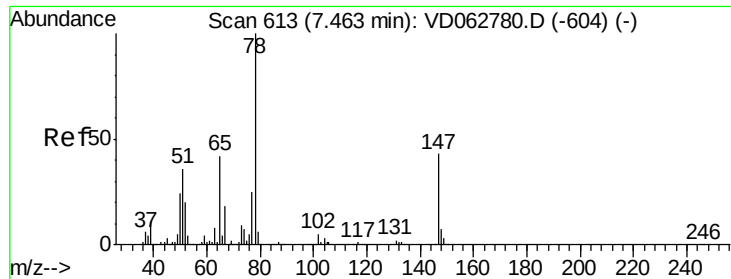
58 14.3 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 43.925 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063044.D

Acq: 8 Jul 2019 18:47

Instrument :

MSVOA_D

ClientSampleId :

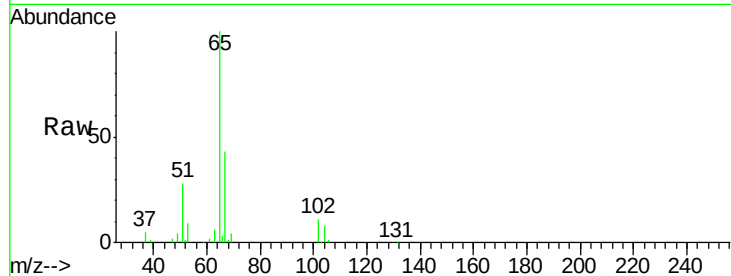
RBR-200035

Tot Ion: 65 Resp: 400856

Ion Ratio Lower Upper

65 100

67 42.8 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

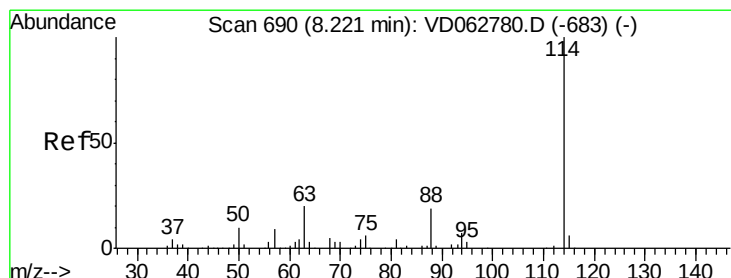
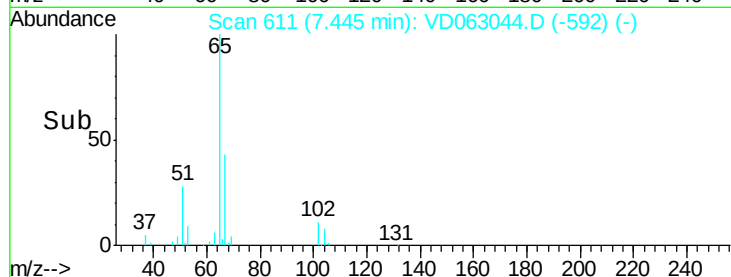
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD063044.D

Acq: 8 Jul 2019 18:47

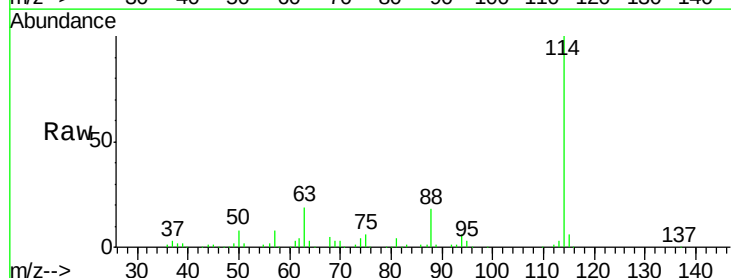
Tgt Ion: 114 Resp: 1105301

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 17.7 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.21

600000

500000

400000

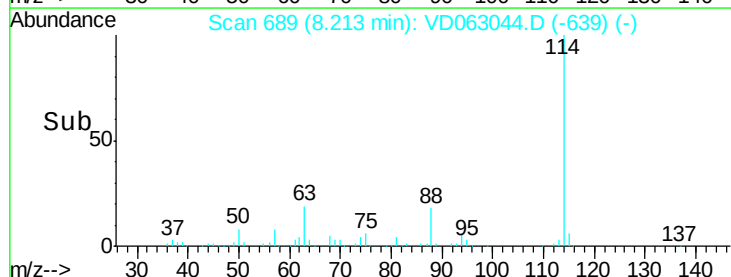
300000

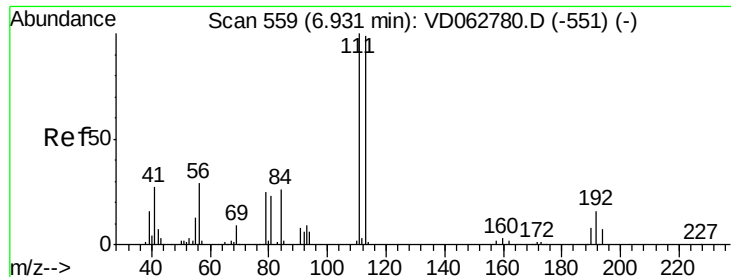
200000

100000

0

Time--> 8.00 8.20 8.40

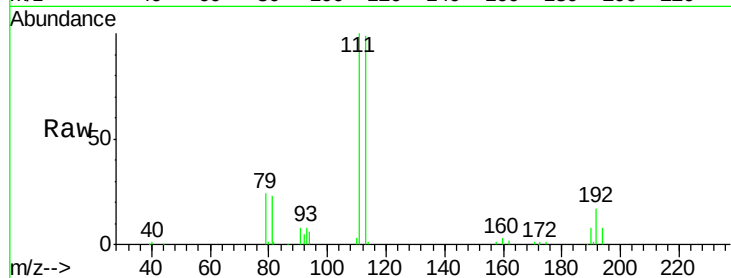




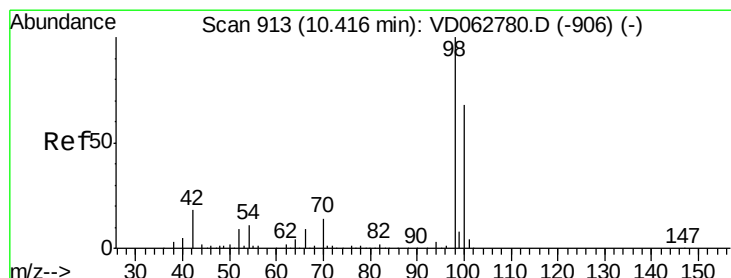
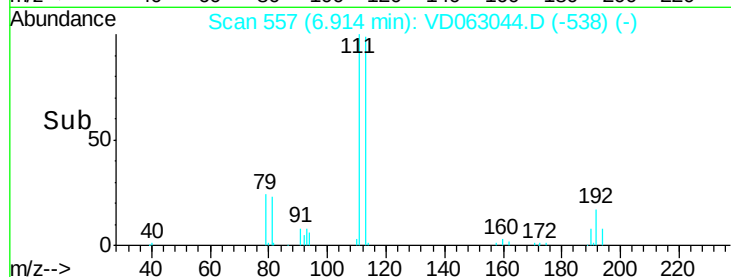
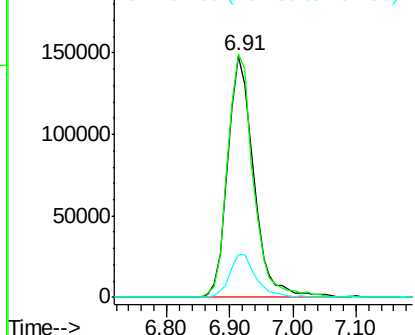
#35
 Dibromofluoromethane
 Concen: 45.445 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD063044.D
 Acq: 8 Jul 2019 18:47

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200035

Tot Ion:113 Resp: 423544
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.2 121.8
 192 17.4 12.9 19.3

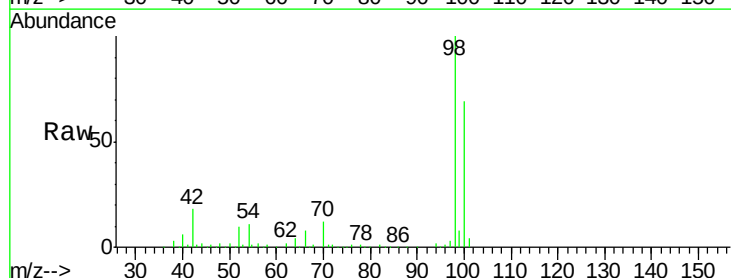


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

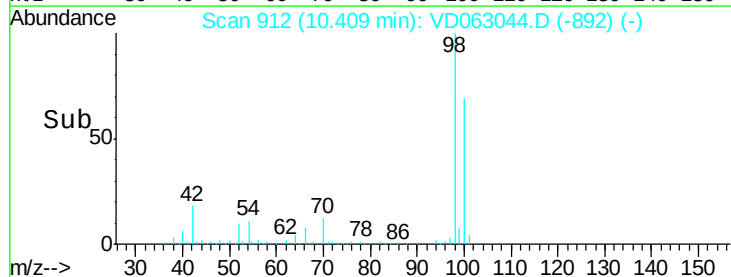
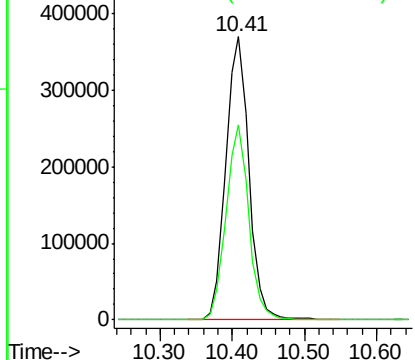


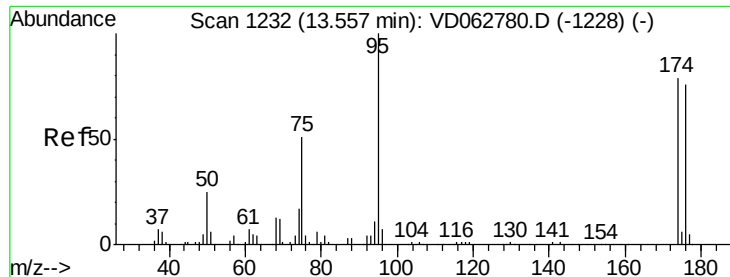
#50
 Toluene-d8
 Concen: 40.588 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD063044.D
 Acq: 8 Jul 2019 18:47

Tgt Ion: 98 Resp: 823298
 Ion Ratio Lower Upper
 98 100
 100 68.9 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 38.837 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063044.D

Acq: 8 Jul 2019 18:47

Instrument :

MSVOA_D

ClientSampleId :

RBR-200035

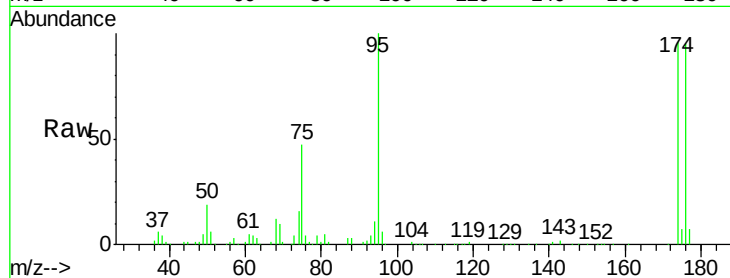
Tot Ion: 95 Resp: 358206

Ion Ratio Lower Upper

95 100

174 95.8 0.0 158.0

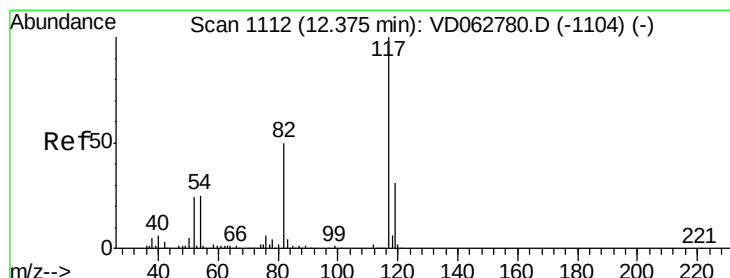
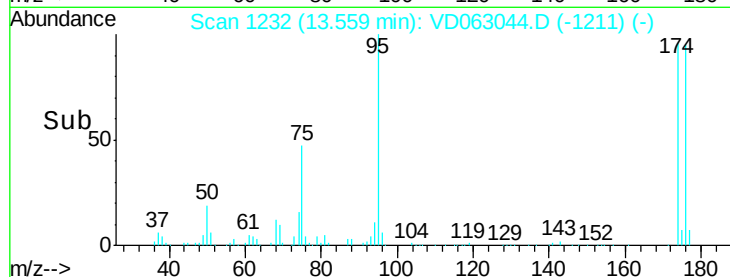
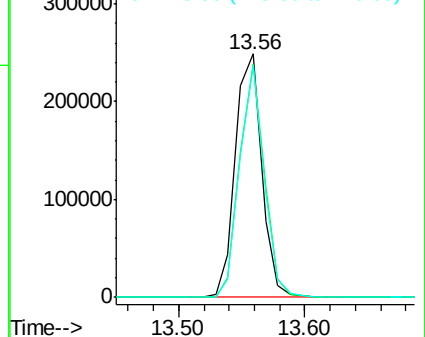
176 95.5 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD063044.D

Acq: 8 Jul 2019 18:47

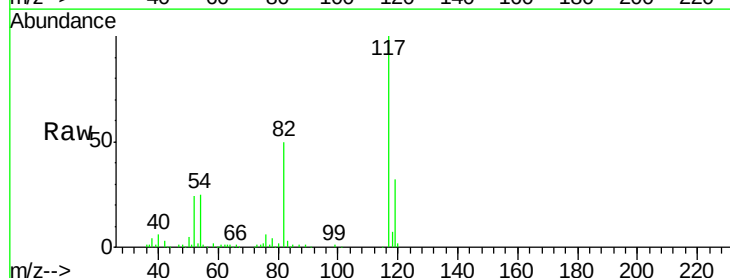
Tgt Ion: 117 Resp: 831556

Ion Ratio Lower Upper

117 100

82 49.6 40.4 60.6

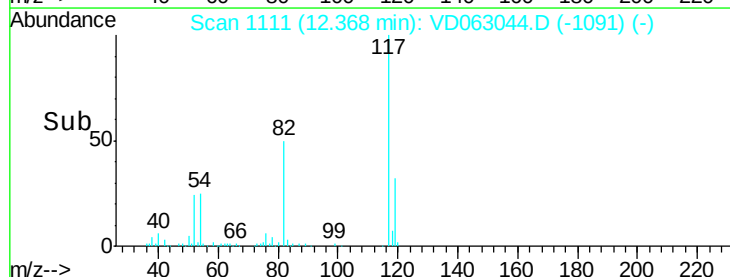
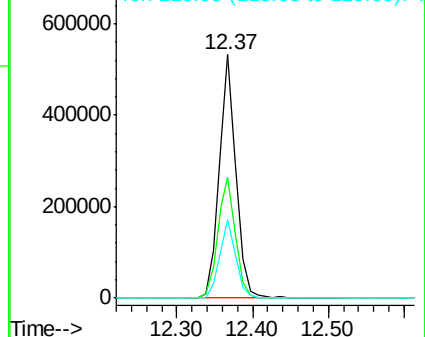
119 32.4 25.2 37.8

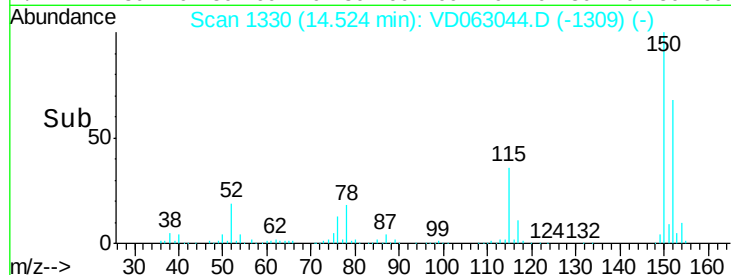
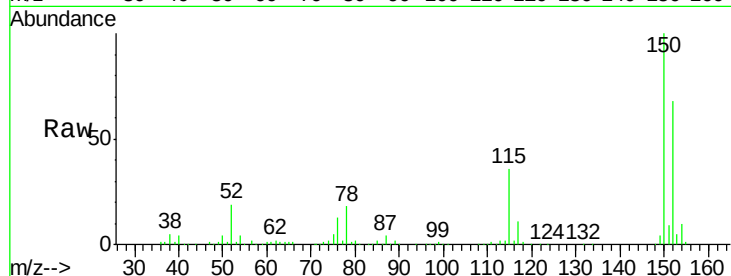
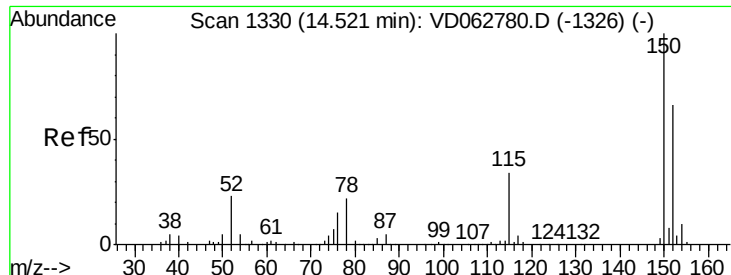


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD063044.D
 Acq: 8 Jul 2019 18:47

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200035

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	29.2	87.6
150	147.1	0.0	305.8

