

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063408.D
 Acq On : 6 Aug 2019 19:27
 Operator : JC/SY
 Sample : K4192-02
 Misc : 5.39g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRIPLE-BARREL-BC-WEST

Quant Time: Aug 07 08:13:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

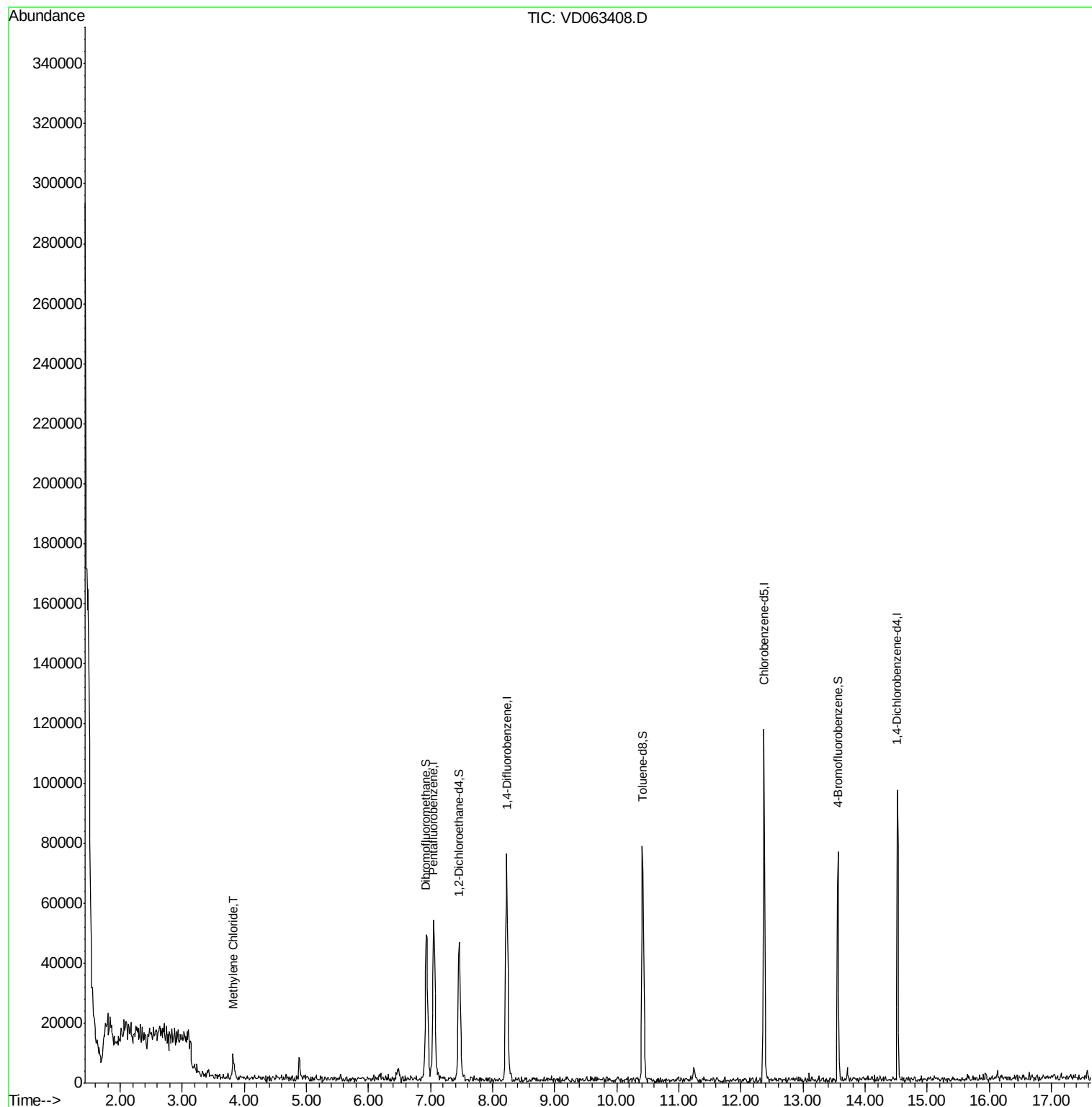
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	51126	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	79549	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	60592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	21762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	49997	88.13	ug/l	0.02
Spiked Amount 50.000			Recovery	=	176.26%	
35) Dibromofluoromethane	6.93	113	39507	58.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.34%	
50) Toluene-d8	10.41	98	63199	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.16%	
62) 4-Bromofluorobenzene	13.56	95	21799	31.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.94%	
Target Compounds						
20) Methylene Chloride	3.83	84	3042	6.809	ug/l #	Qvalue 89

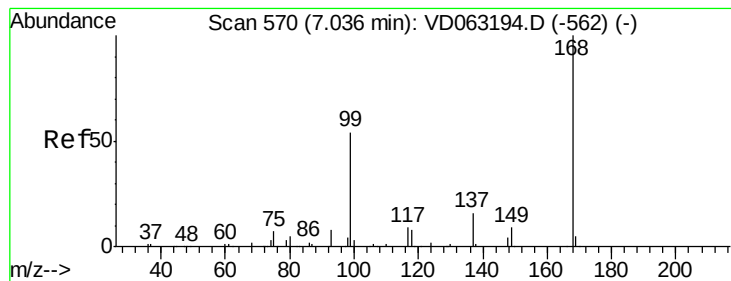
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063408.D

Acq: 6 Aug 2019 19:27

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MSVOA_D

ClientSampleId :

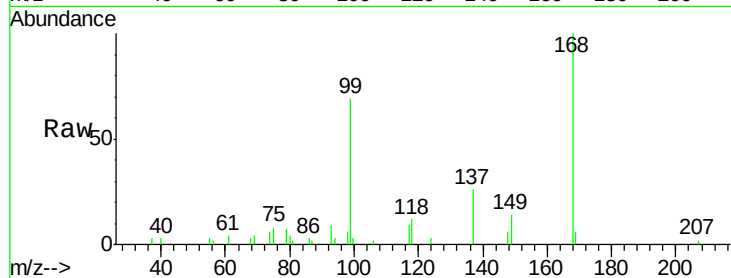
TRIPLE-BARREL-BC-WEST

Tot Ion:168 Resp: 51126

Ion Ratio Lower Upper

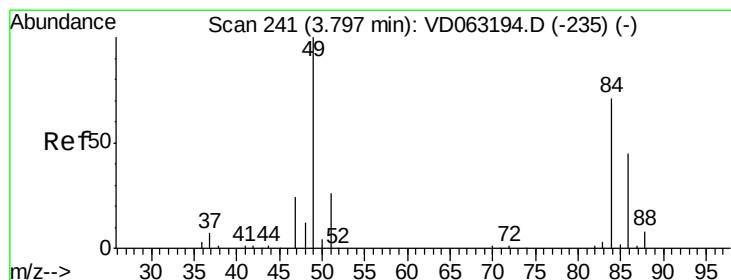
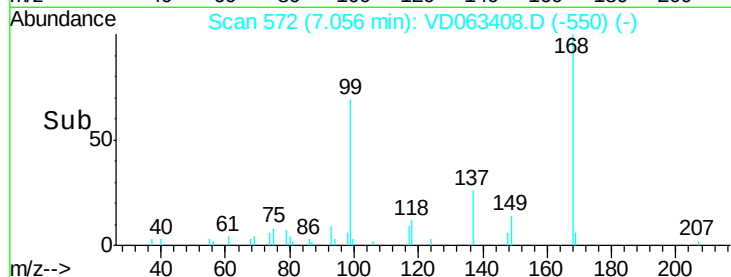
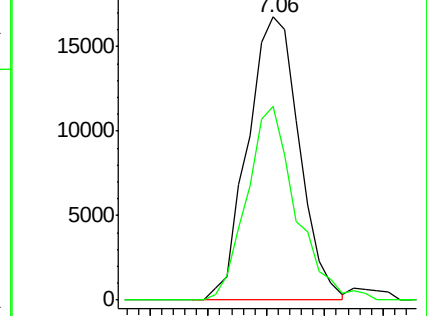
168 100

99 68.5 43.7 65.5#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 6.809 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD063408.D

Acq: 6 Aug 2019 19:27

Tgt Ion: 84 Resp: 3042

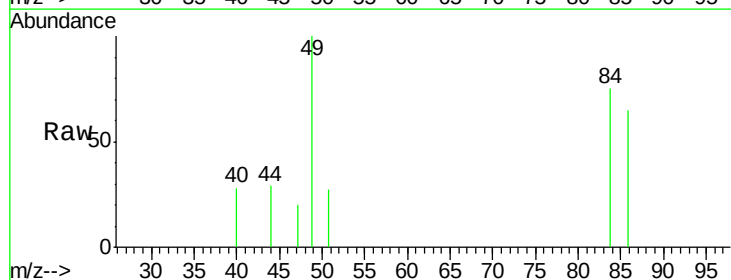
Ion Ratio Lower Upper

84 100

49 133.2 112.5 168.7

51 36.5 29.6 44.4

86 86.2 50.4 75.6#

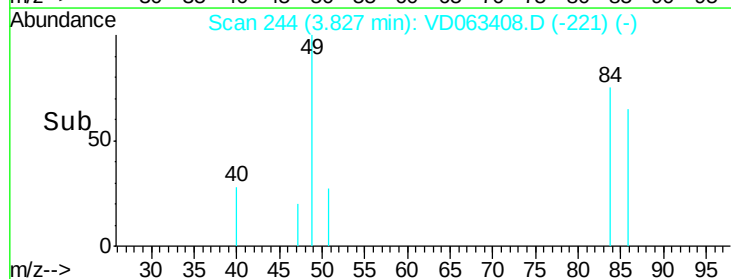
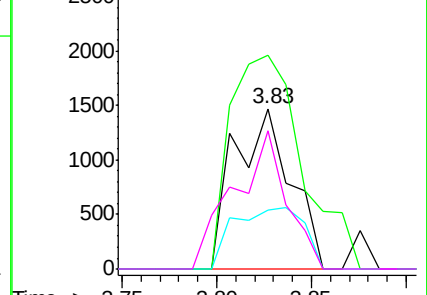


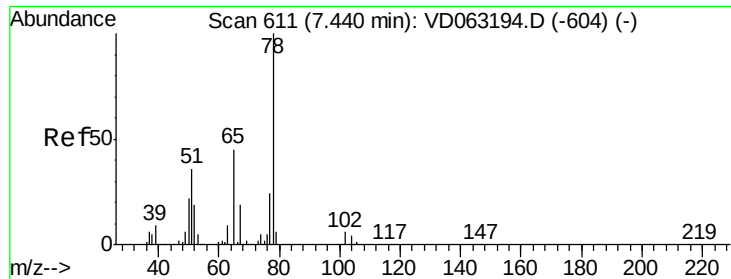
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 88.133 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063408.D

Acq: 6 Aug 2019 19:27

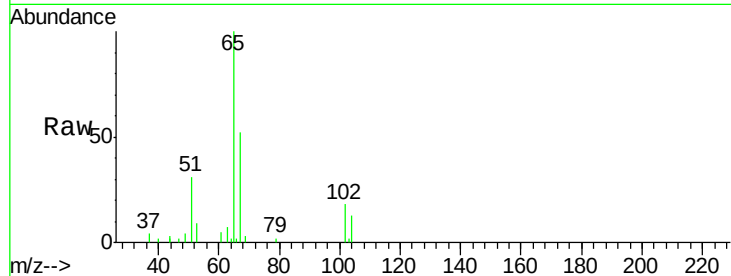
Instrument :
MSVOA_D
ClientSampleId :
TRIPLE-BARREL-BC-WEST

Tot Ion: 65 Resp: 49997

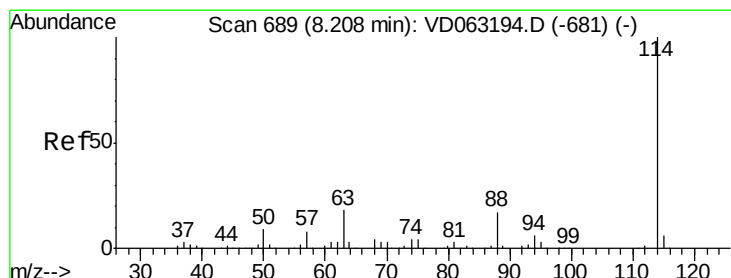
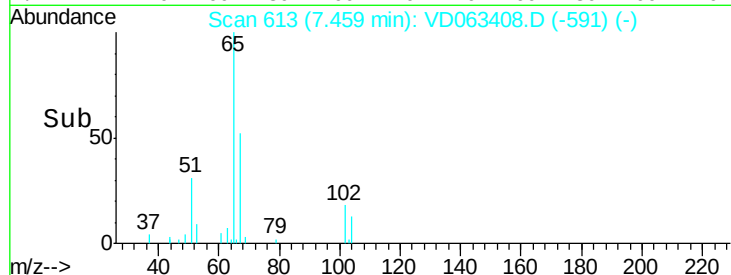
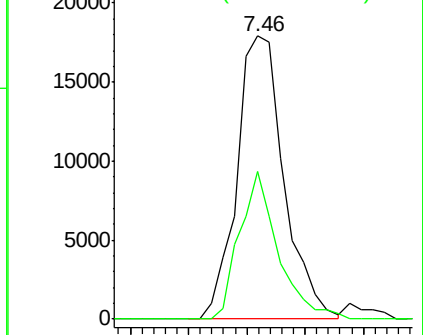
Ion Ratio Lower Upper

65 100

67 52.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063408.D

Acq: 6 Aug 2019 19:27

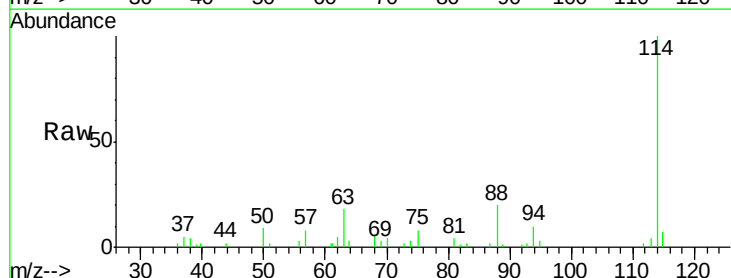
Tgt Ion: 114 Resp: 79549

Ion Ratio Lower Upper

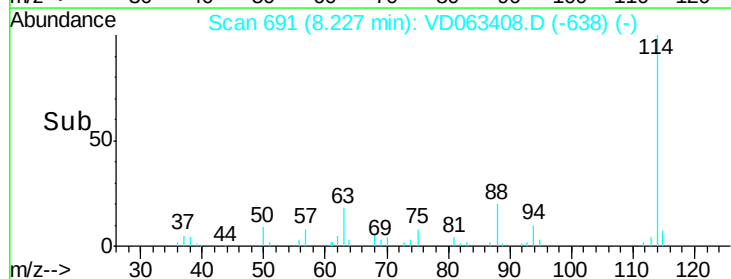
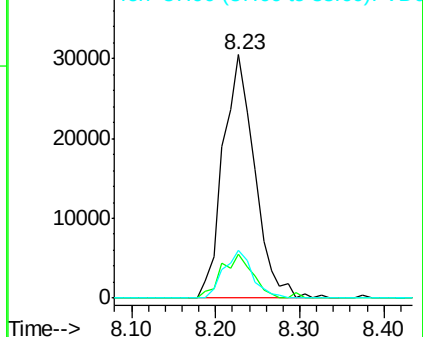
114 100

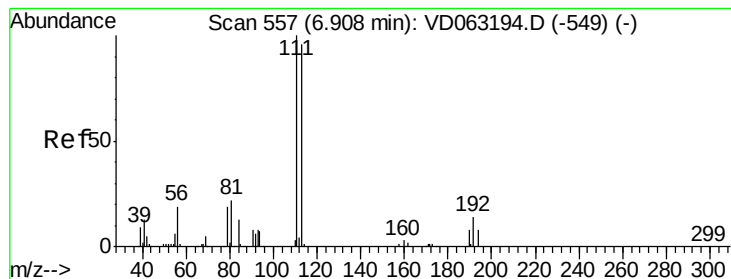
63 18.2 0.0 35.2

88 19.6 0.0 34.6



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





#35

Dibromofluoromethane

Concen: 58.169 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063408.D

Acq: 6 Aug 2019 19:27

Instrument :

MSVOA_D

ClientSampleId :

TRIPLE-BARREL-BC-WEST

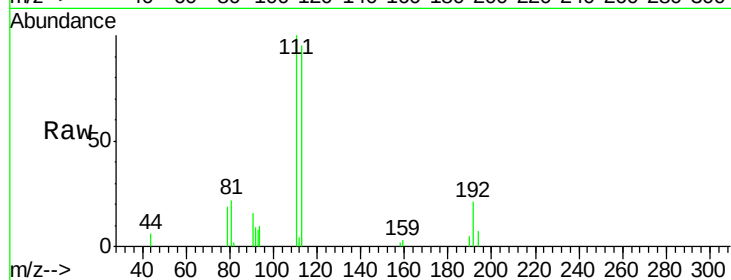
Tot Ion:113 Resp: 39507

Ion Ratio Lower Upper

113 100

111 105.0 83.2 124.8

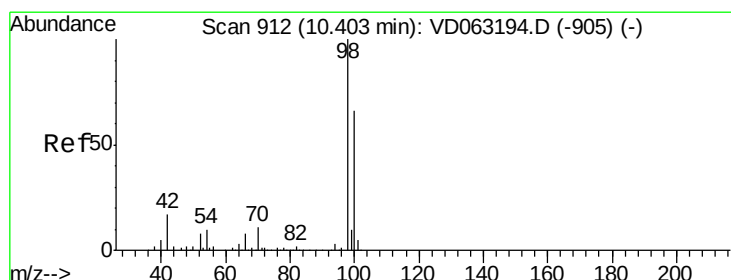
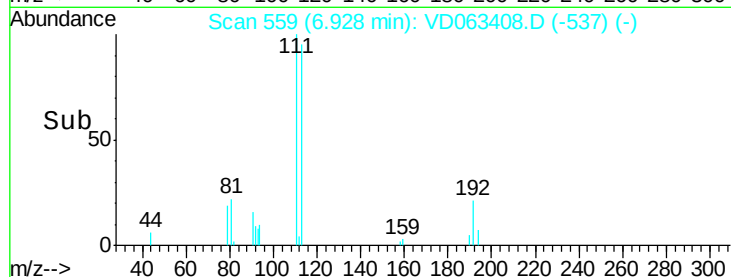
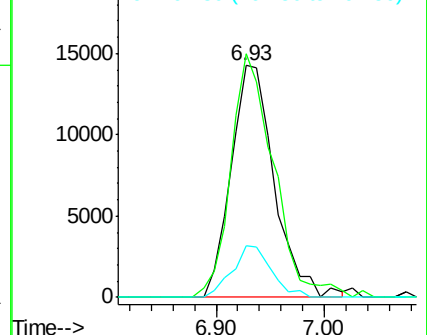
192 22.2 11.8 17.8#



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: 41.578 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063408.D

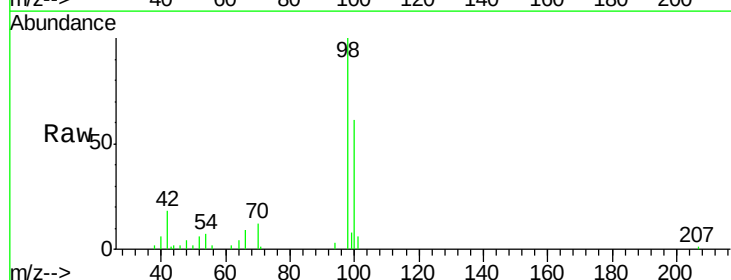
Acq: 6 Aug 2019 19:27

Tgt Ion: 98 Resp: 63199

Ion Ratio Lower Upper

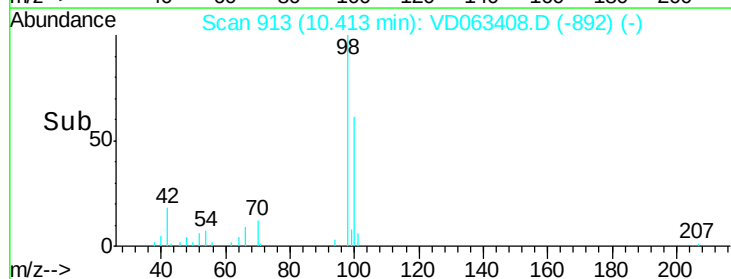
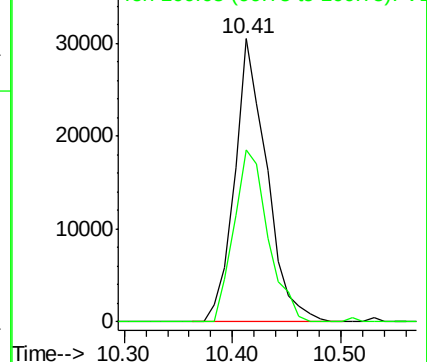
98 100

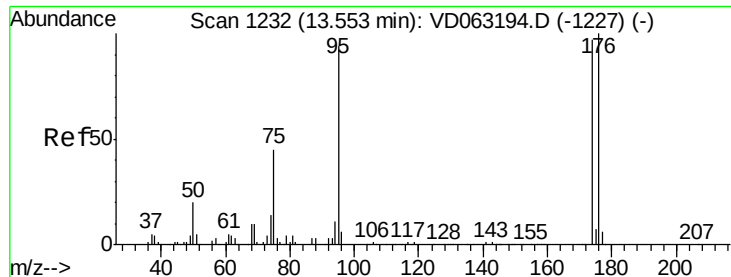
100 60.6 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 31.472 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063408.D

Acq: 6 Aug 2019 19:27

Instrument :

MSVOA_D

ClientSampleId :

TRIPLE-BARREL-BC-WEST

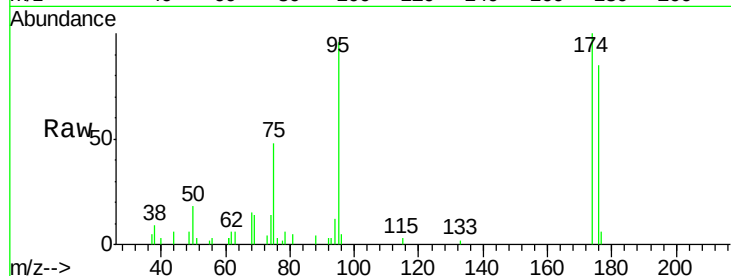
Tot Ion: 95 Resp: 21799

Ion Ratio Lower Upper

95 100

174 104.1 0.0 205.4

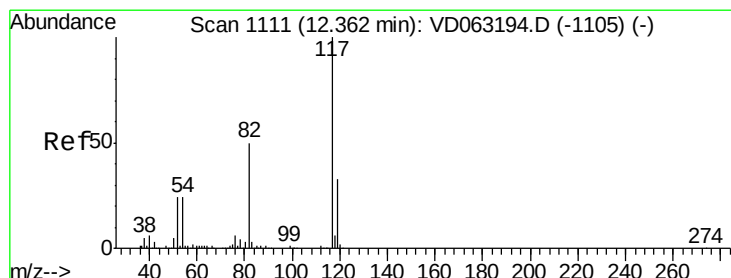
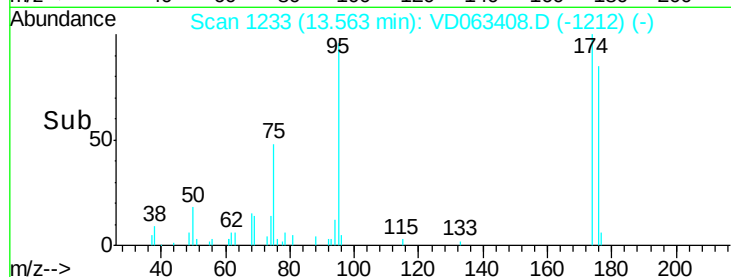
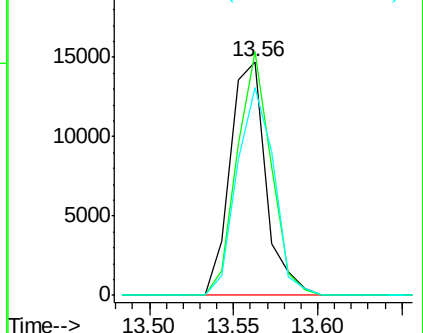
176 89.0 0.0 211.8



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# 1112

Delta R.T. 0.01 min

Lab File: VD063408.D

Acq: 6 Aug 2019 19:27

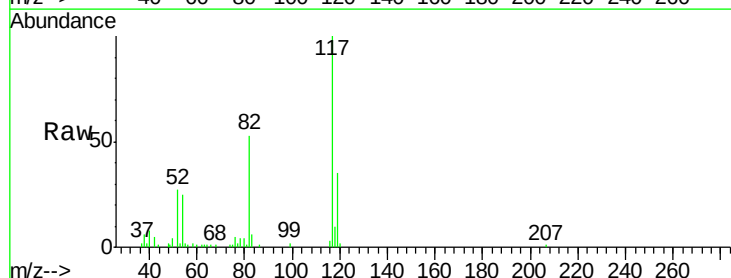
Tgt Ion: 117 Resp: 60592

Ion Ratio Lower Upper

117 100

82 52.6 40.1 60.1

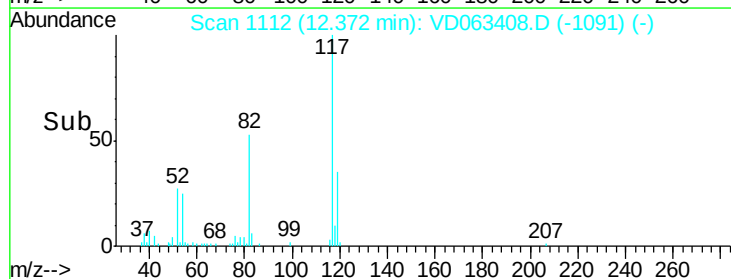
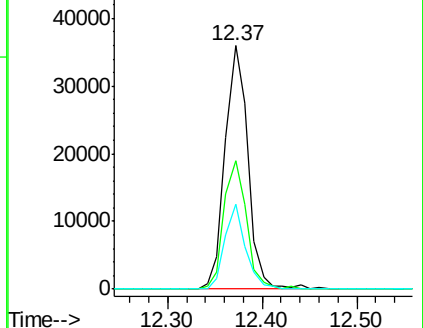
119 34.8 26.5 39.7

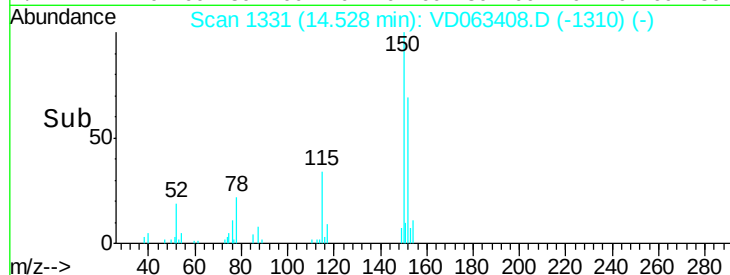
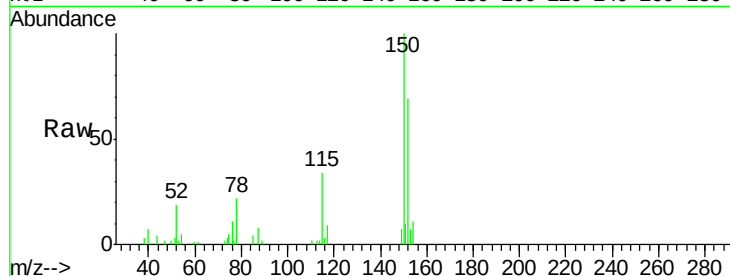
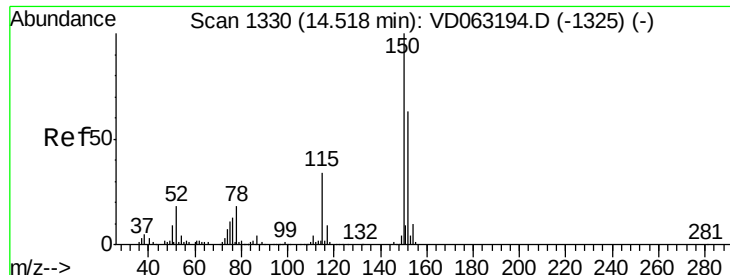


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD063408.D
 Acq: 6 Aug 2019 19:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TRIPLE-BARREL-BC-WEST

Tot Ion	Ratio	Lower	Upper
152	100		
115	49.1	27.5	82.4
150	144.3	0.0	320.6

