

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063544.D
 Acq On : 13 Aug 2019 22:59
 Operator : JC/SY
 Sample : K4290-03
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3

Quant Time: Aug 14 09:31:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	841776	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1174430	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	860105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	318031	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	421807	46.88	ug/l	-0.02
Spiked Amount			Recovery	=	93.76%	
35) Dibromofluoromethane	6.93	113	467200	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
50) Toluene-d8	10.42	98	826434	38.00	ug/l	0.00
Spiked Amount			Recovery	=	76.00%	
62) 4-Bromofluorobenzene	13.56	95	263840	26.77	ug/l	0.00
Spiked Amount			Recovery	=	53.54%	

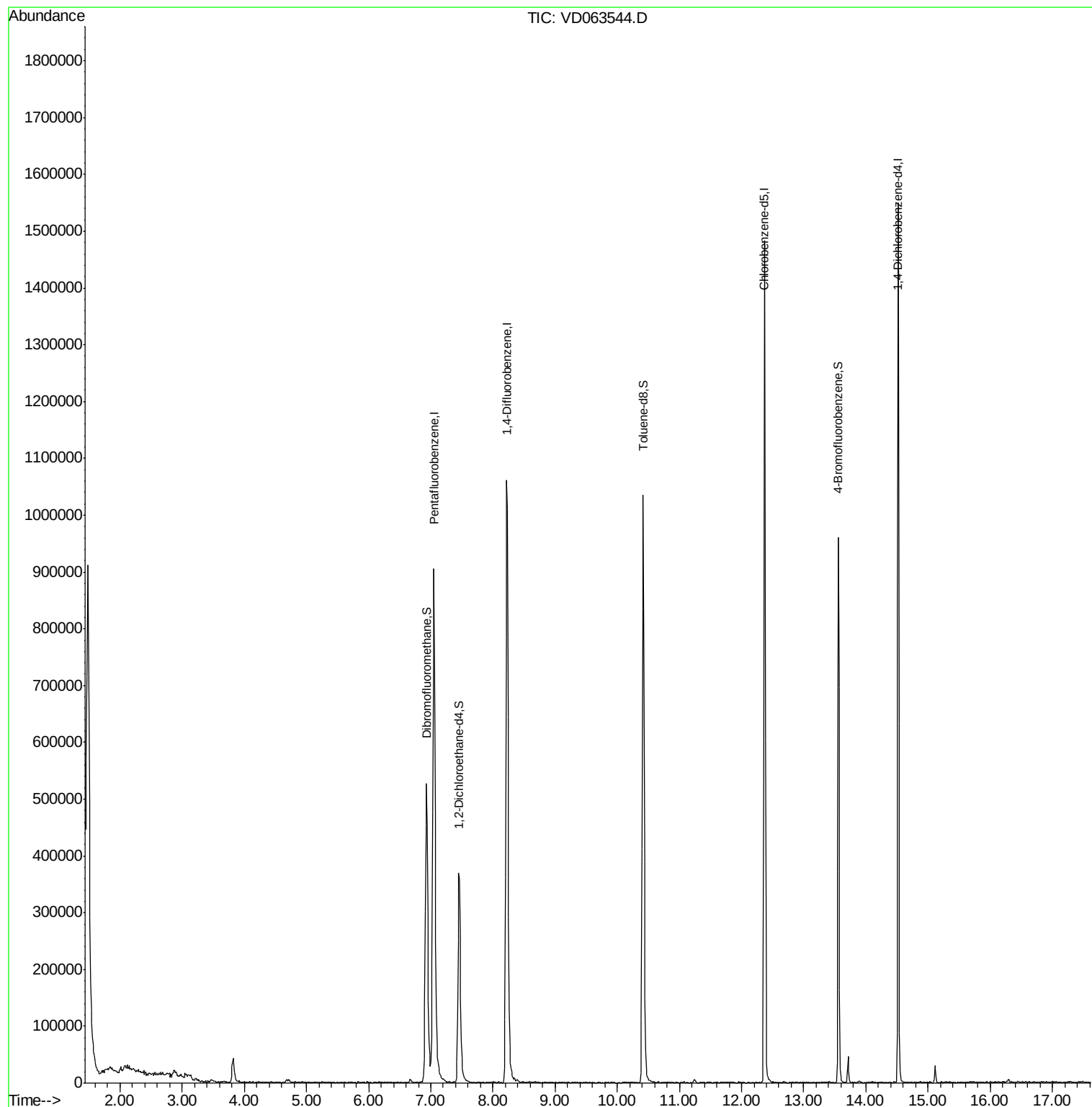
Target Compounds	Qvalue
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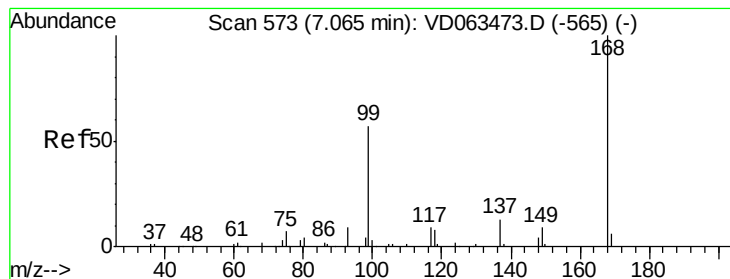
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

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ClientSampleId :

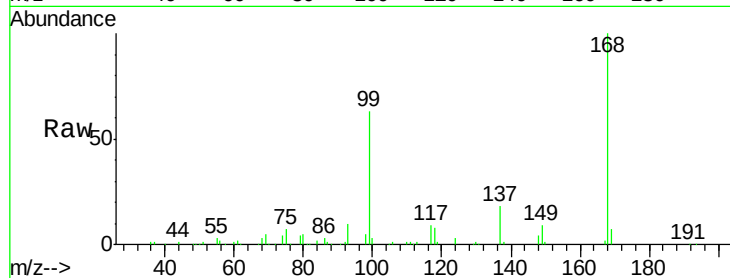
B-3

Tot Ion:168 Resp: 841776

Ion Ratio Lower Upper

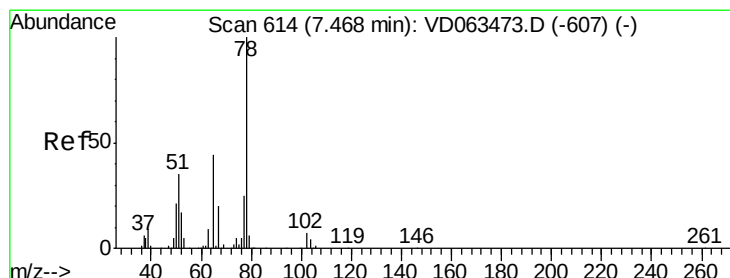
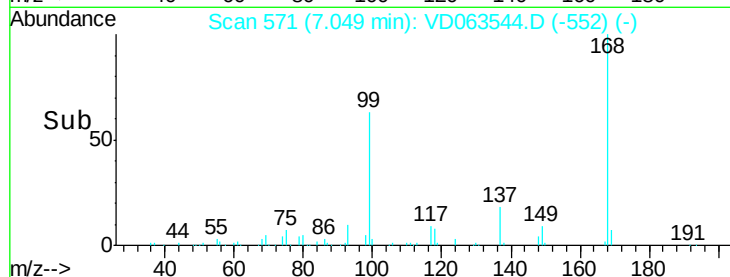
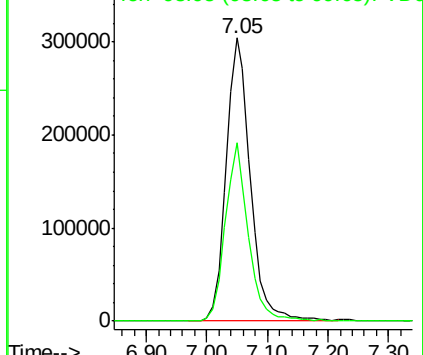
168 100

99 63.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 46.878 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063544.D

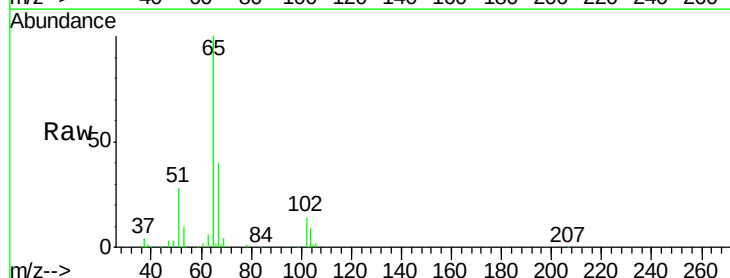
Acq: 13 Aug 2019 22:59

Tgt Ion: 65 Resp: 421807

Ion Ratio Lower Upper

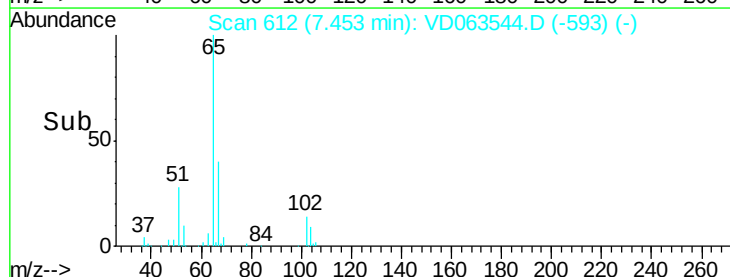
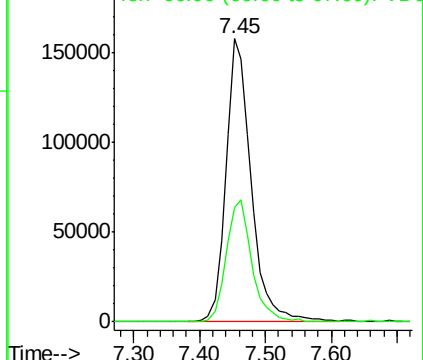
65 100

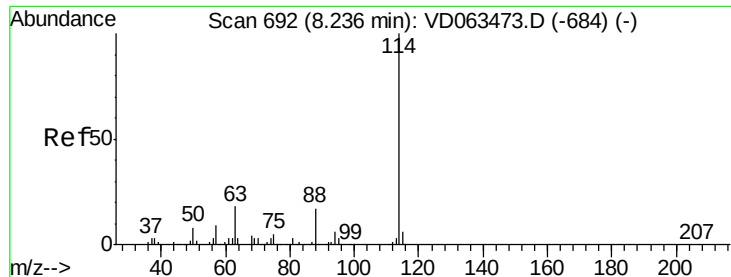
67 40.3 0.0 89.2



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: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063544.D

Acq: 13 Aug 2019 22:59

Instrument :

MSVOA_D

ClientSampleId :

B-3

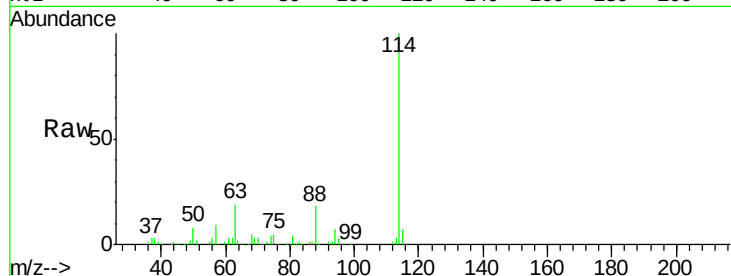
Tot Ion:114 Resp: 1174430

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.2

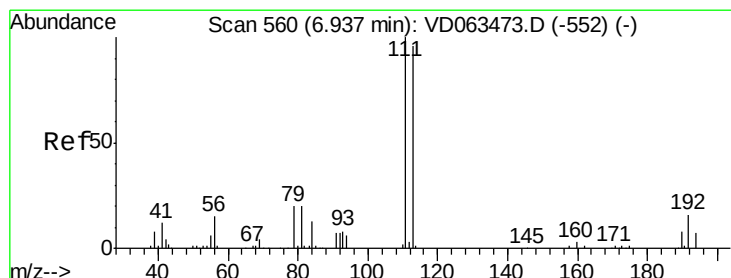
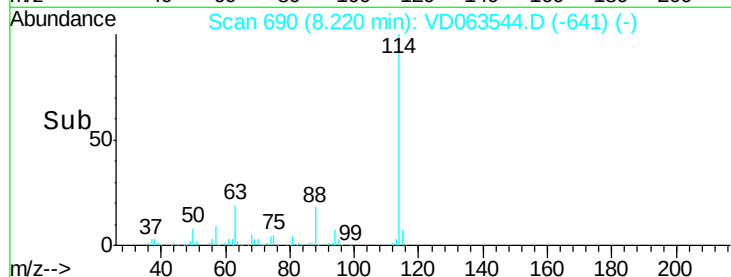
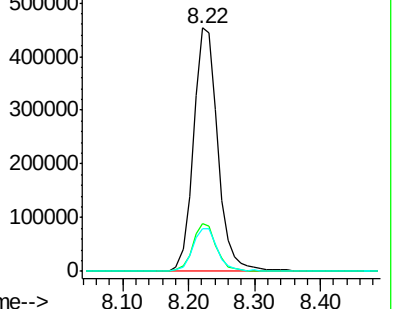
88 17.7 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 47.234 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063544.D

Acq: 13 Aug 2019 22:59

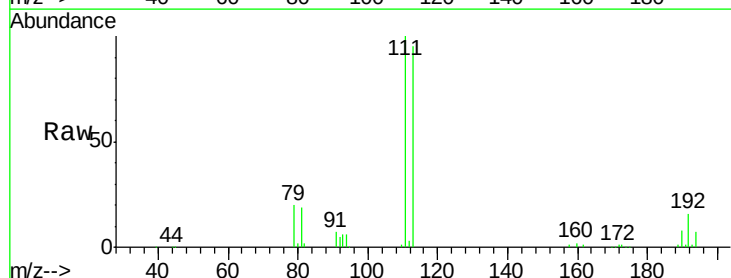
Tgt Ion:113 Resp: 467200

Ion Ratio Lower Upper

113 100

111 105.2 83.1 124.7

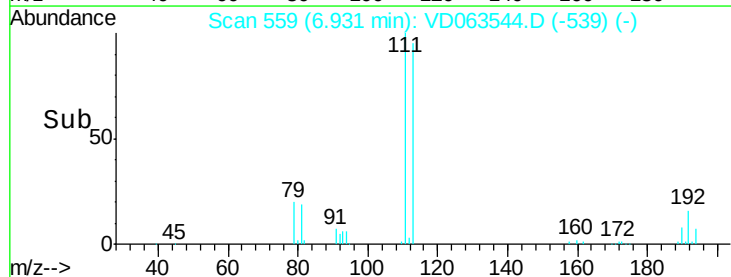
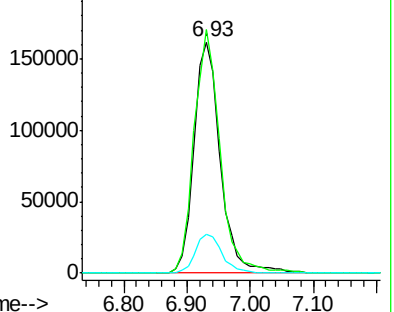
192 16.9 13.1 19.7

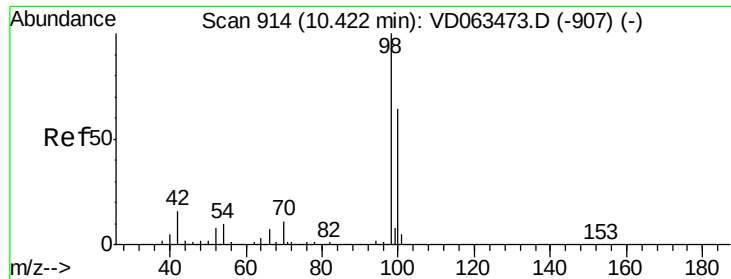


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

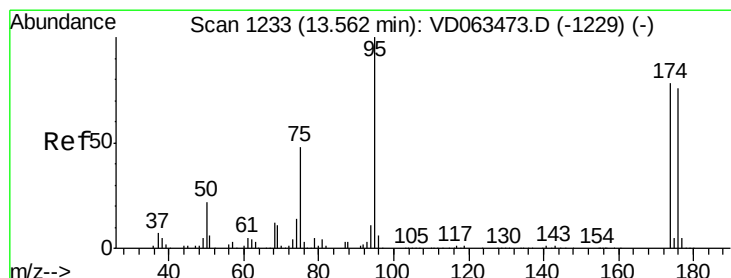
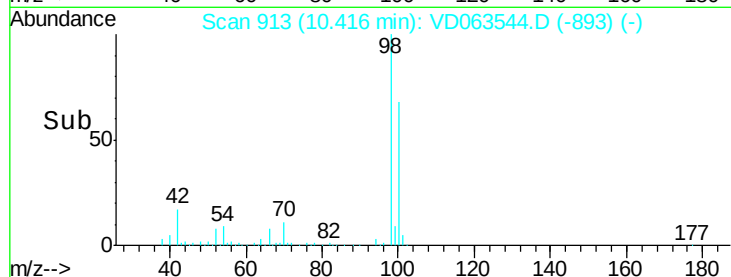
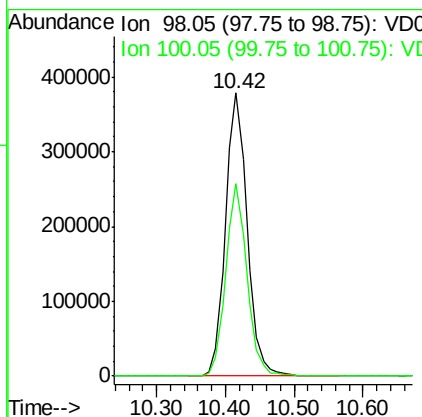
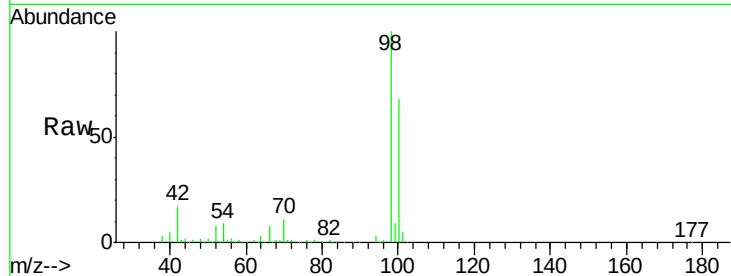




#50
Toluene-d8
Concen: 38.004 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063544.D
Acq: 13 Aug 2019 22:59

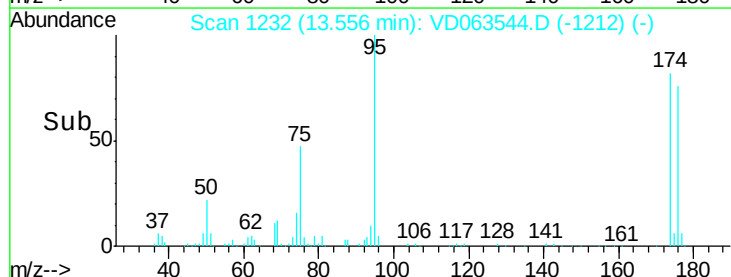
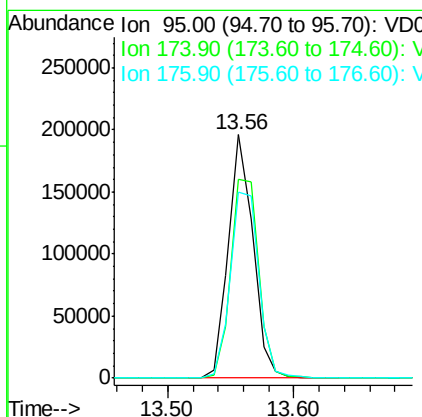
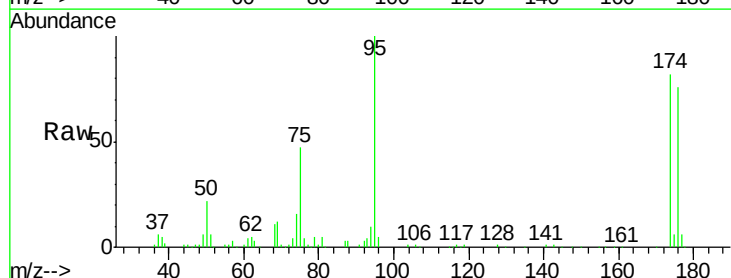
Instrument :
MSVOA_D
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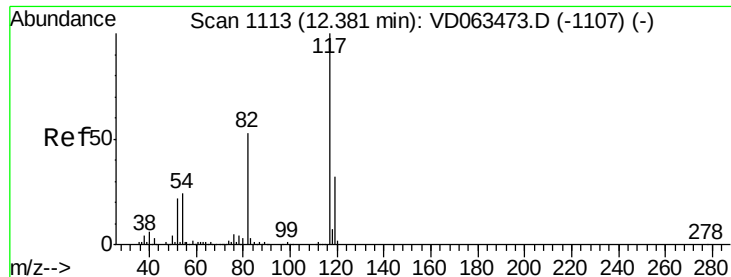
Tot Ion: 98 Resp: 826434
Ion Ratio Lower Upper
98 100
100 68.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 26.769 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063544.D
Acq: 13 Aug 2019 22:59

Tgt Ion: 95 Resp: 263840
Ion Ratio Lower Upper
95 100
174 81.7 0.0 155.4
176 76.5 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VD063544.D

Acq: 13 Aug 2019 22:59

Instrument :

MSVOA_D

ClientSampleId :

B-3

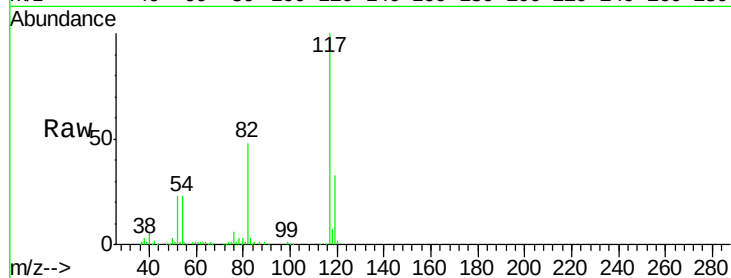
Tot Ion:117 Resp: 860105

Ion Ratio Lower Upper

117 100

82 48.4 42.0 63.0

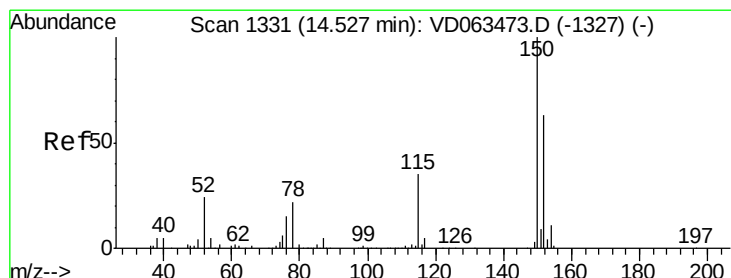
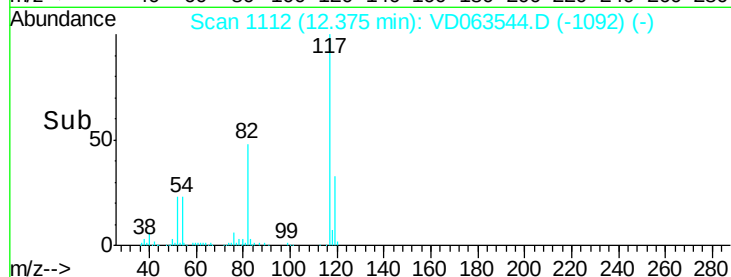
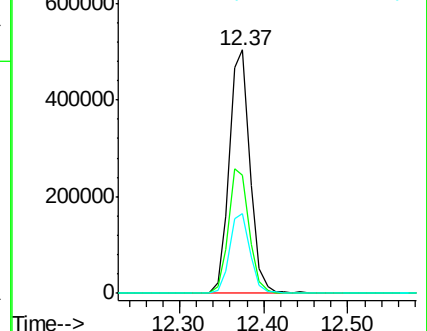
119 32.7 25.4 38.0



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. -0.01 min

Lab File: VD063544.D

Acq: 13 Aug 2019 22:59

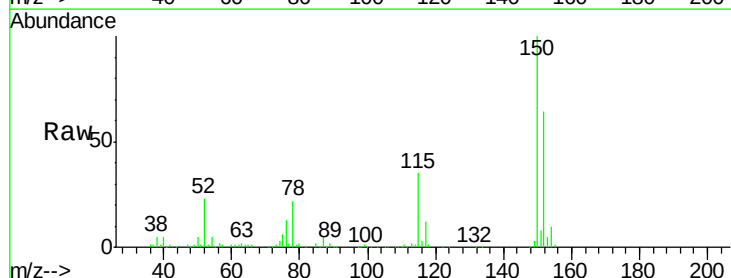
Tgt Ion:152 Resp: 318031

Ion Ratio Lower Upper

152 100

115 55.2 30.9 92.7

150 155.6 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

