

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061262.D
 Acq On : 22 Mar 2019 15:51
 Operator : VA/AP
 Sample : K2018-03
 Misc : 5.37g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-B

Quant Time: Mar 23 00:31:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.11	168	587637	50.00	ug/l	0.07
34) 1,4-Difluorobenzene	8.27	114	1007019	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.40	117	795056	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	331808	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.51	65	257328	52.61	ug/l	0.07
Spiked Amount 50.000			Recovery	=	105.22%	
35) Dibromofluoromethane	6.98	113	384723	51.48	ug/l	0.06
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	10.46	98	937134	49.93	ug/l	0.06
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	13.58	95	358571	49.24	ug/l	0.03
Spiked Amount 50.000			Recovery	=	98.48%	

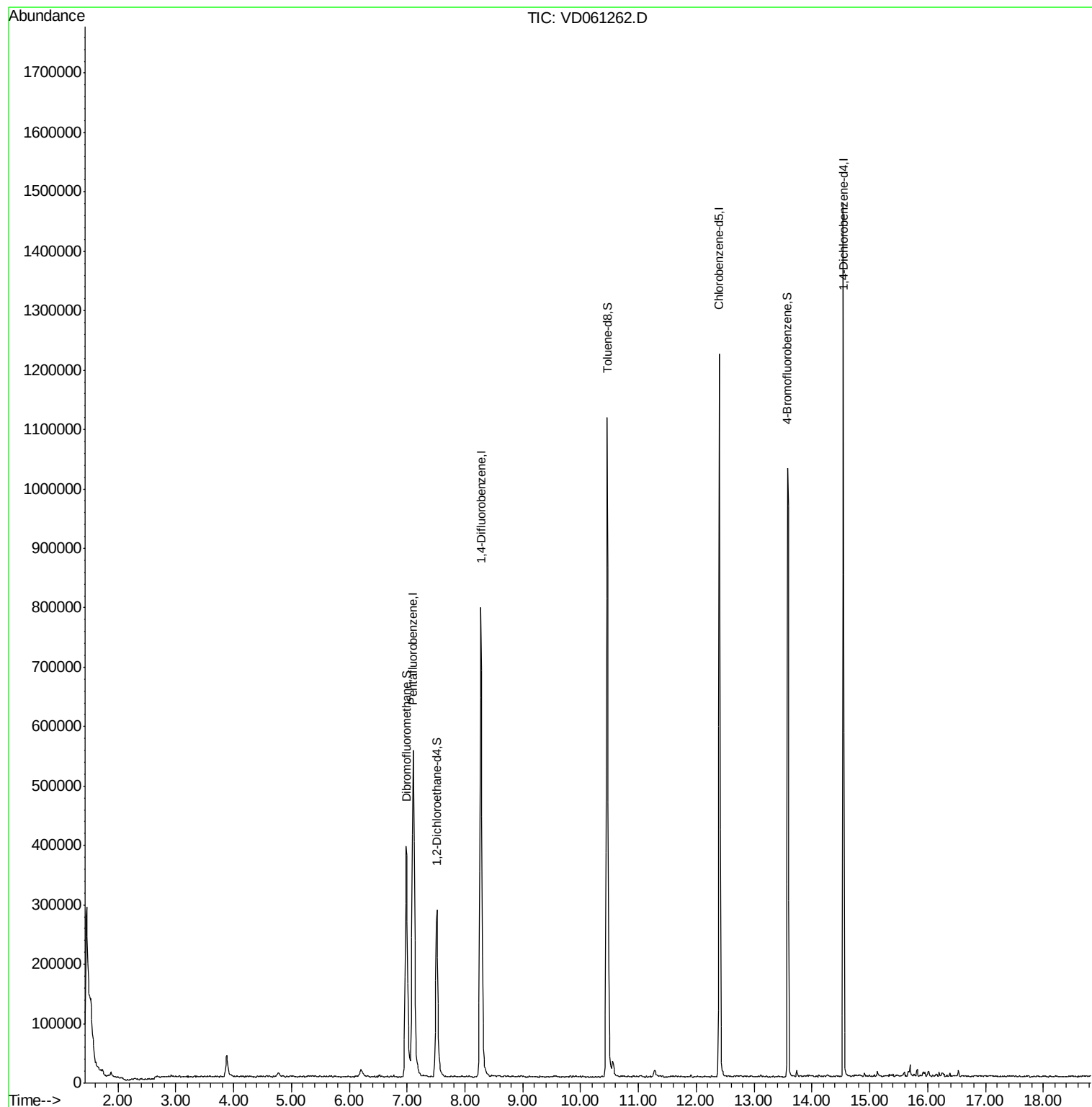
Target Compounds	Qvalue
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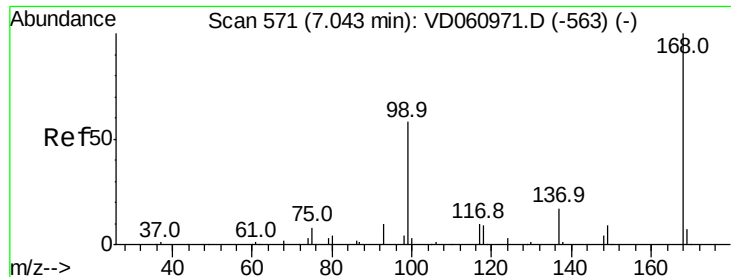
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.11 min Scan# 578

Delta R.T. 0.07 min

Lab File: VD061262.D

Acq: 22 Mar 2019 15:51

Instrument :

MSVOA_D

ClientSampleId :

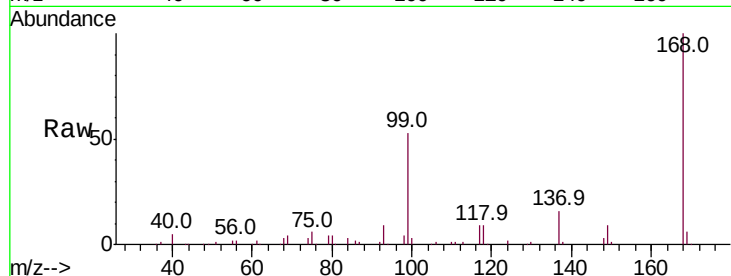
SP-1-B

Tot Ion:168 Resp: 587637

Ion Ratio Lower Upper

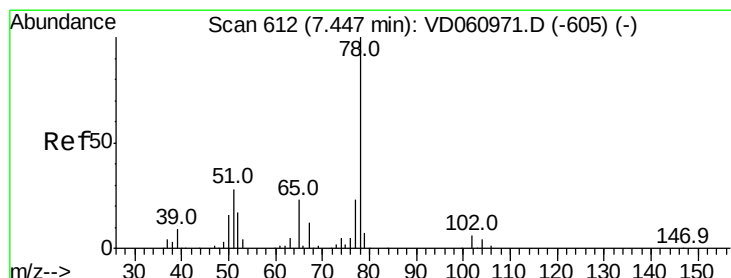
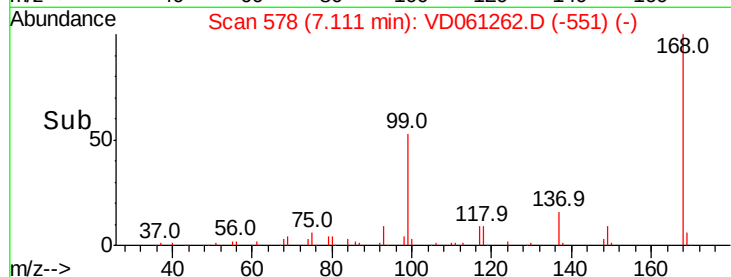
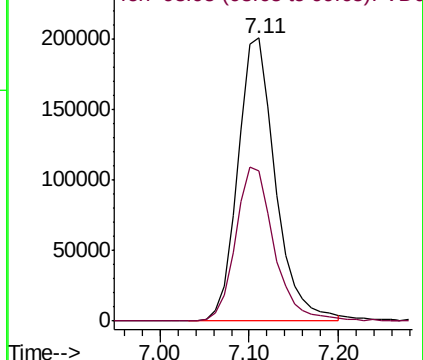
168 100

99 52.9 47.3 70.9



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: N.D. ug/l

RT: 7.51 min Scan# 619

Delta R.T. 0.07 min

Lab File: VD061262.D

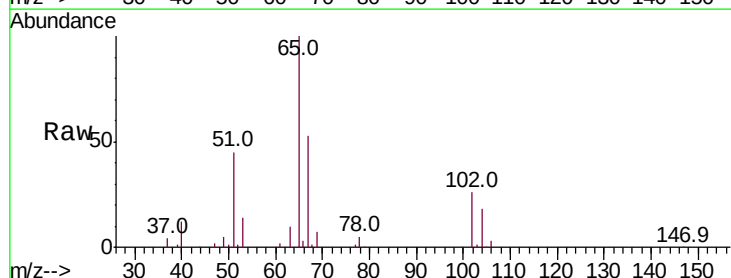
Acq: 22 Mar 2019 15:51

Tgt Ion: 65 Resp: 257328

Ion Ratio Lower Upper

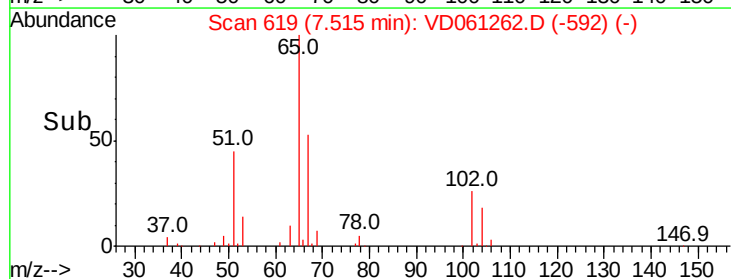
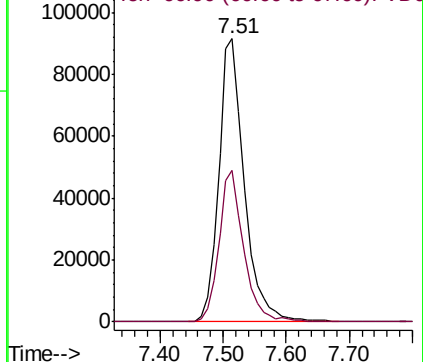
65 100

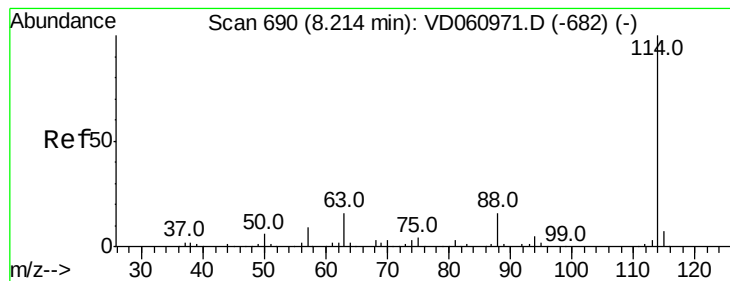
67 53.5 0.0 105.2



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: 8.27 min Scan# 696

Delta R.T. 0.06 min

Lab File: VD061262.D

Acq: 22 Mar 2019 15:51

Instrument :

MSVOA_D

ClientSampleId :

SP-1-B

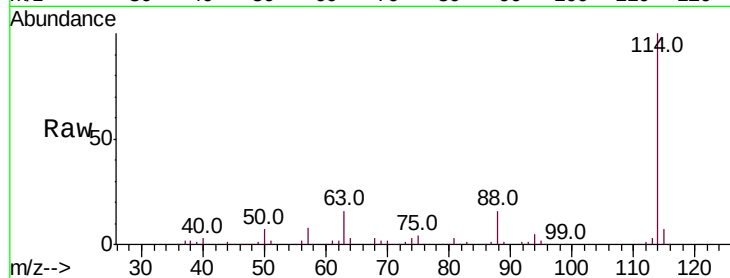
Tot Ion:114 Resp: 1007019

Ion Ratio Lower Upper

114 100

63 16.0 0.0 31.4

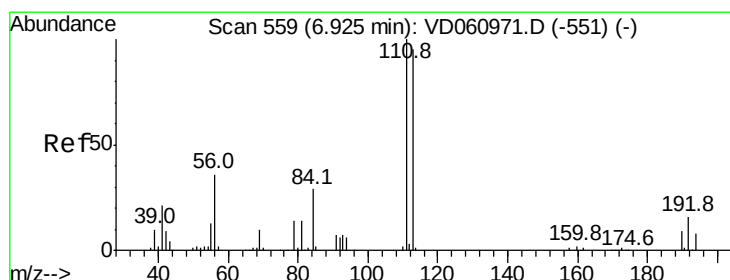
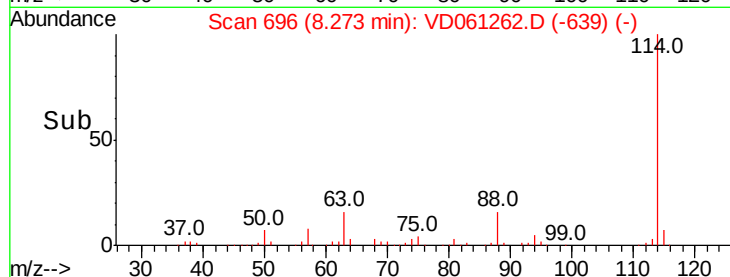
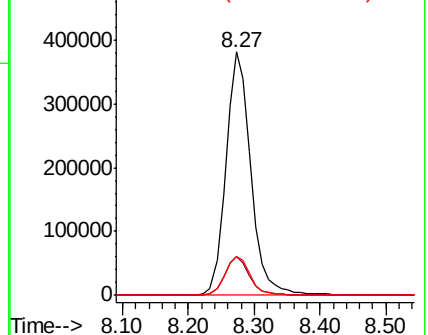
88 16.0 0.0 33.0



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: 50.000 ug/l

RT: 6.98 min Scan# 565

Delta R.T. 0.06 min

Lab File: VD061262.D

Acq: 22 Mar 2019 15:51

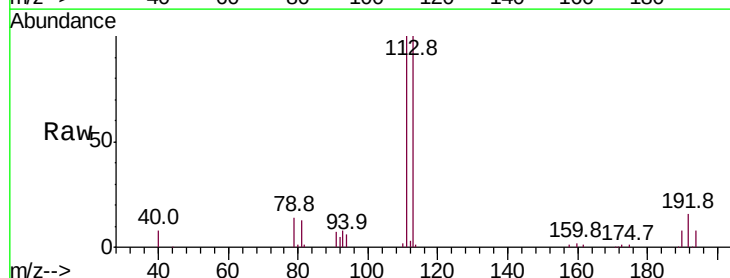
Tgt Ion:113 Resp: 384723

Ion Ratio Lower Upper

113 100

111 99.6 84.2 126.4

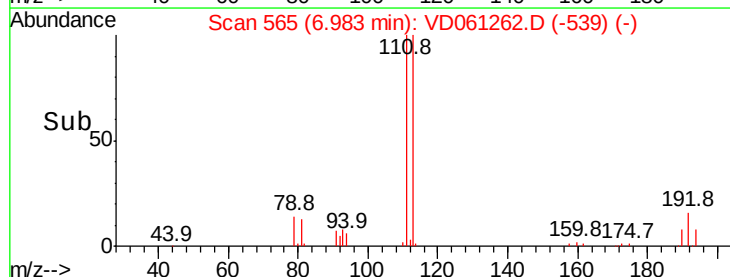
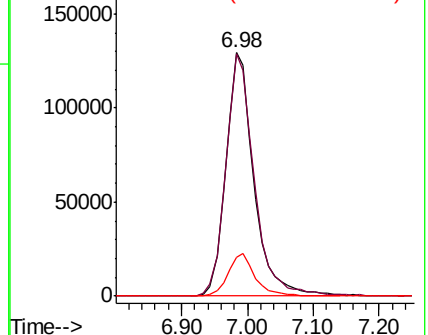
192 16.0 13.1 19.7

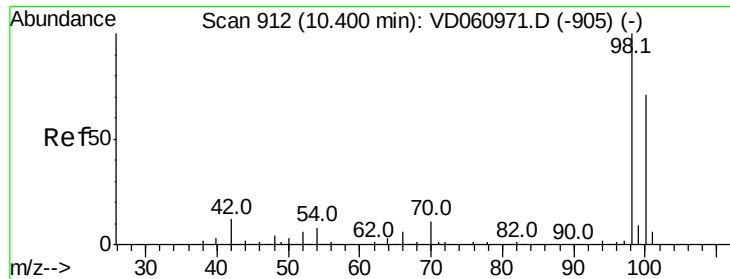


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.46 min Scan# 918

Delta R.T. 0.06 min

Lab File: VD061262.D

Acq: 22 Mar 2019 15:51

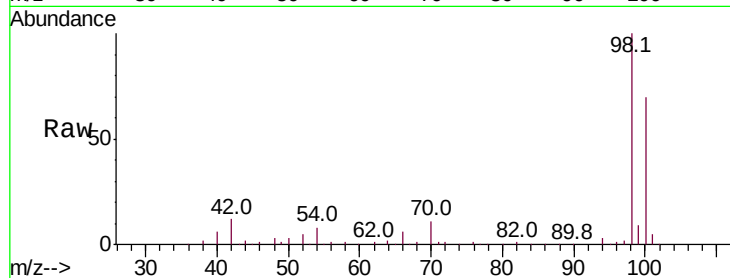
Instrument :
MSVOA_D
ClientSampleId :
SP-1-B

Tot Ion: 98 Resp: 937134

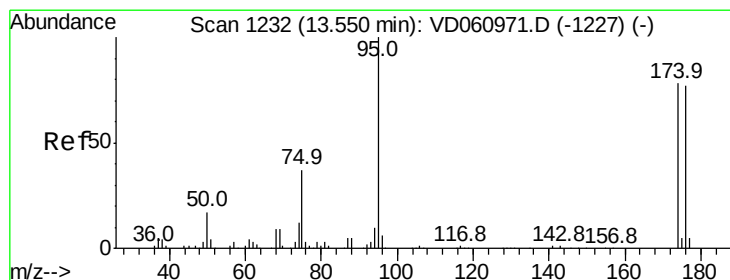
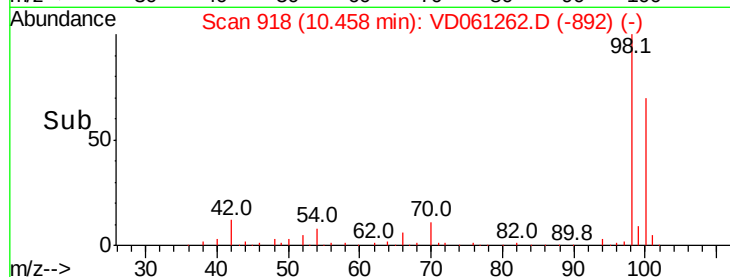
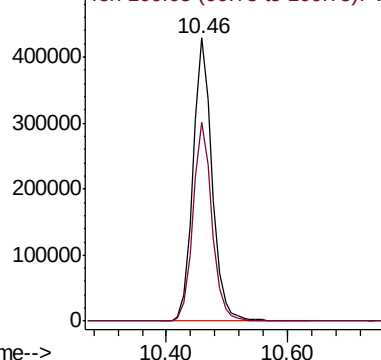
Ion Ratio Lower Upper

98 100

100 70.1 57.4 86.2



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VD061262.D

Acq: 22 Mar 2019 15:51

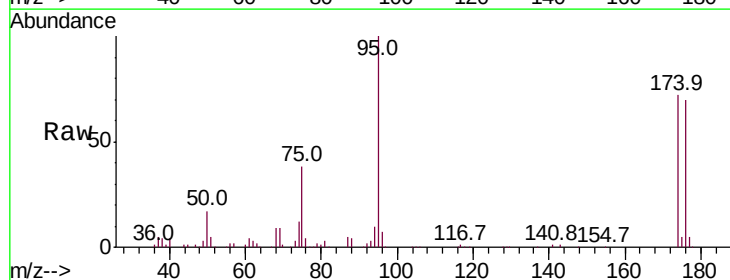
Tgt Ion: 95 Resp: 358571

Ion Ratio Lower Upper

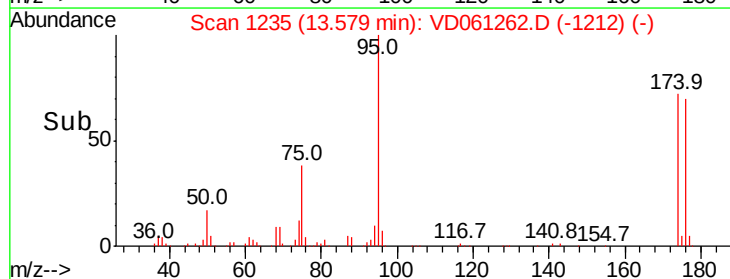
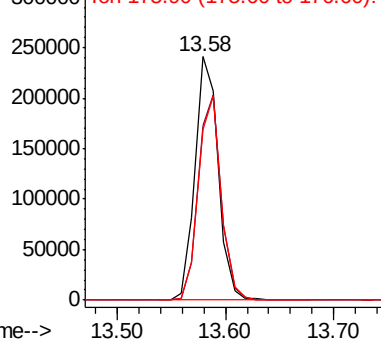
95 100

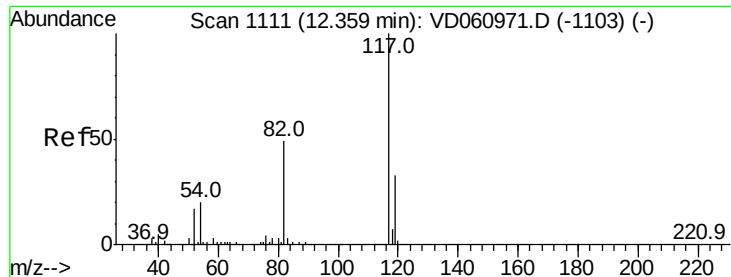
174 71.9 0.0 155.6

176 70.3 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

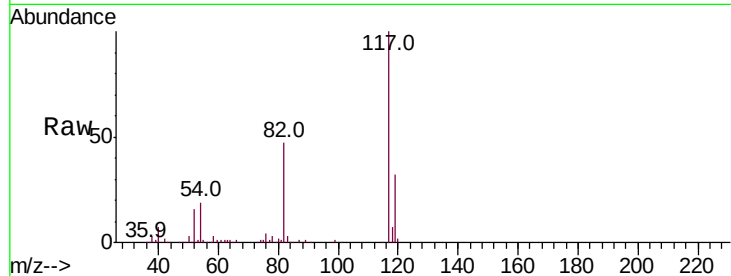




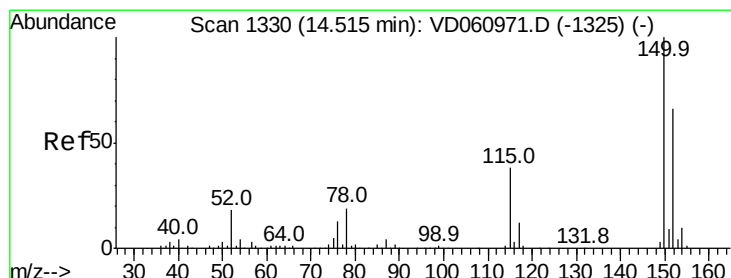
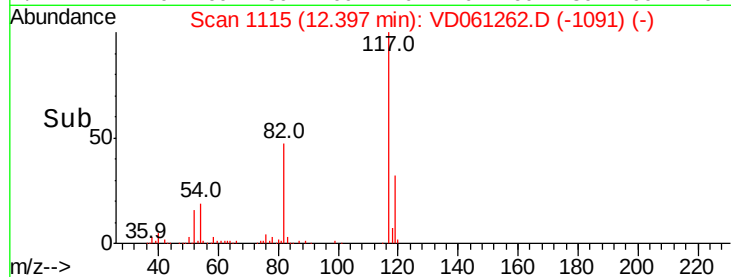
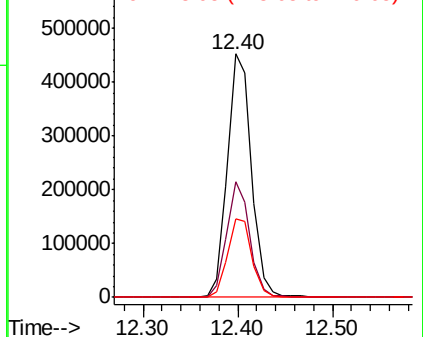
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.04 min
Lab File: VD061262.D
Acq: 22 Mar 2019 15:51

Instrument :
MSVOA_D
ClientSampleId :
SP-1-B

Tot Ion:117 Resp: 795056
Ion Ratio Lower Upper
117 100
82 47.3 38.9 58.3
119 32.3 26.6 39.8

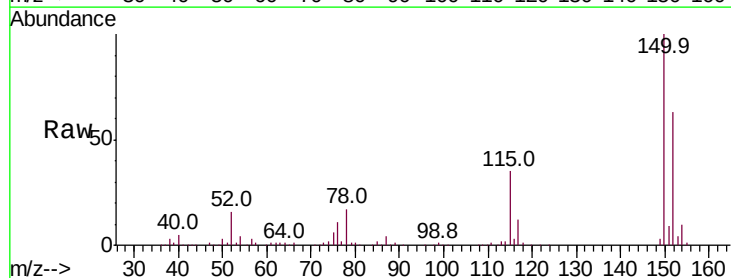


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VD061262.D
Acq: 22 Mar 2019 15:51

Tgt Ion:152 Resp: 331808
Ion Ratio Lower Upper
152 100
115 56.2 28.6 85.9
150 158.3 0.0 310.6



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

