

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063177.D
 Acq On : 22 Jul 2019 15:19
 Operator : VA/AP
 Sample : K3868-09
 Misc : 4.75g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Jul 23 08:18:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

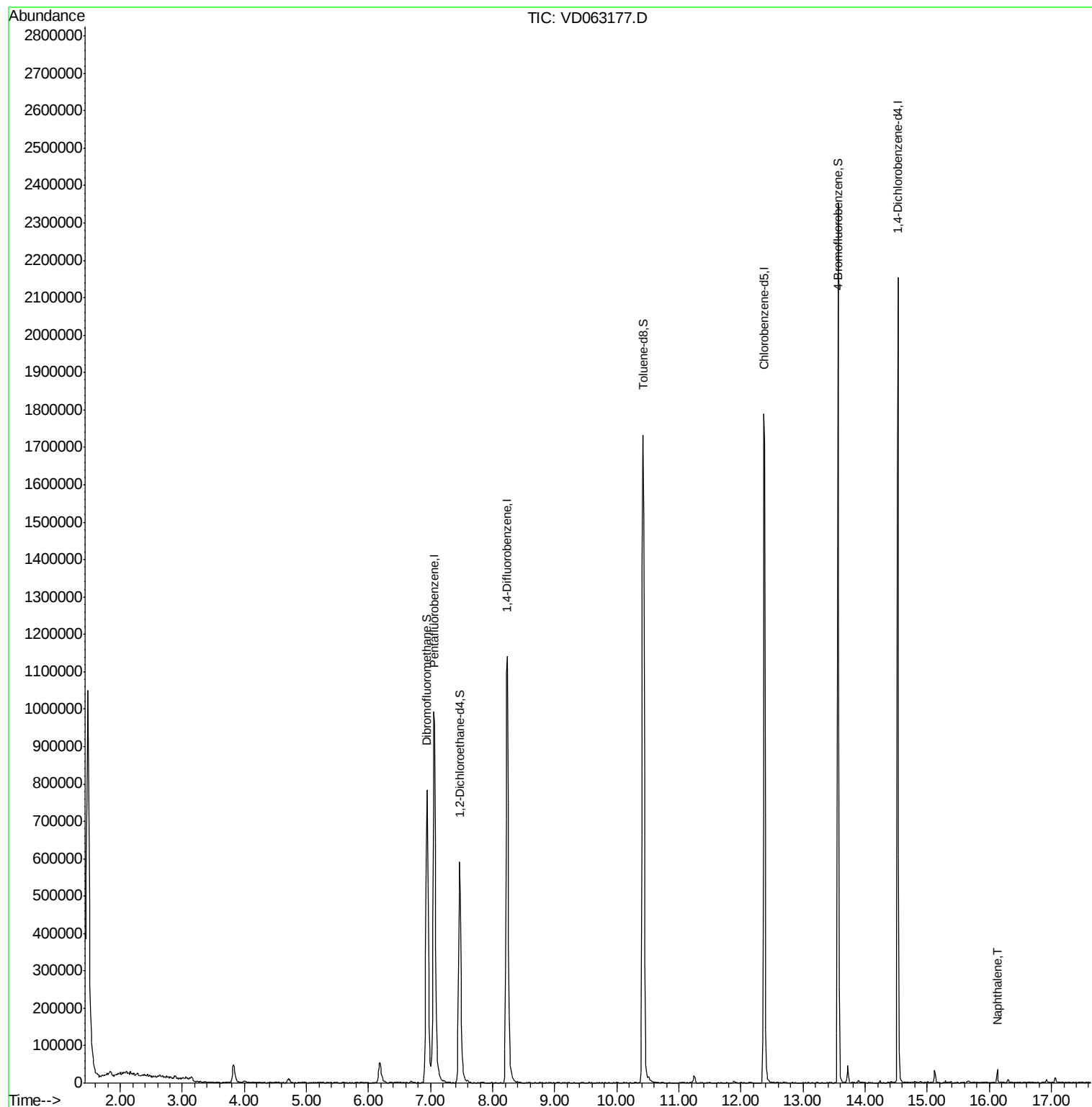
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	947067	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1239199	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	1005524	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	463025	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	689478	58.44	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.88%	
35) Dibromofluoromethane	6.94	113	707072	57.29	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.58%	
50) Toluene-d8	10.42	98	1463298	55.19	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.38%	
62) 4-Bromofluorobenzene	13.56	95	612029	49.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.80%	
Target Compounds						
95) Naphthalene	16.13	128	19279	1.088	ug/l #	Qvalue 95

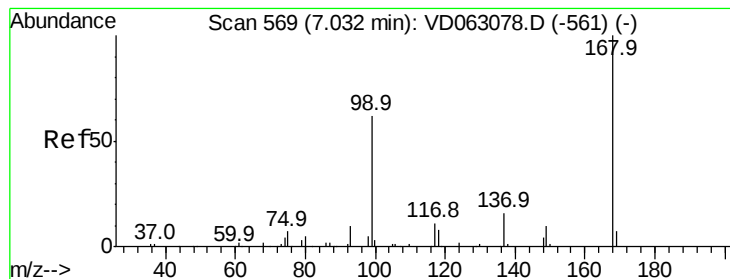
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072219\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.03 min

Lab File: VD063177.D

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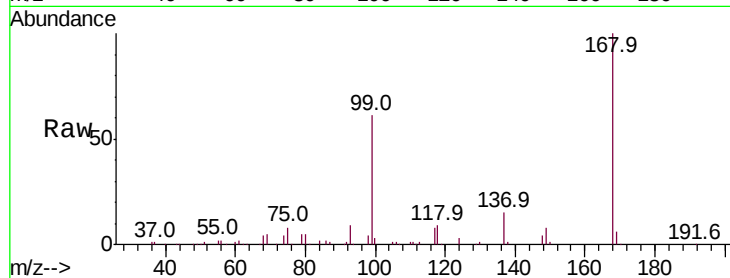
Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:168 Resp: 947067

Ion Ratio Lower Upper

168 100

99 60.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

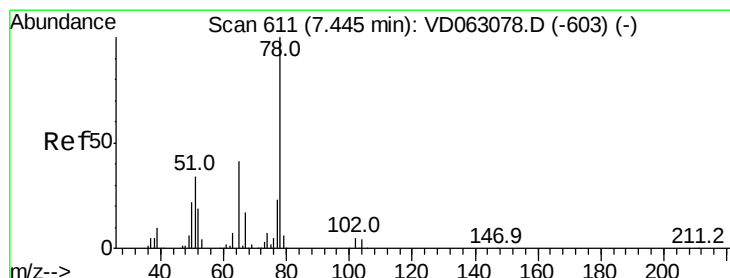
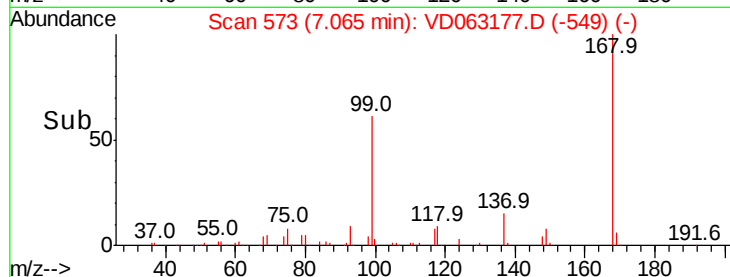
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.443 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD063177.D

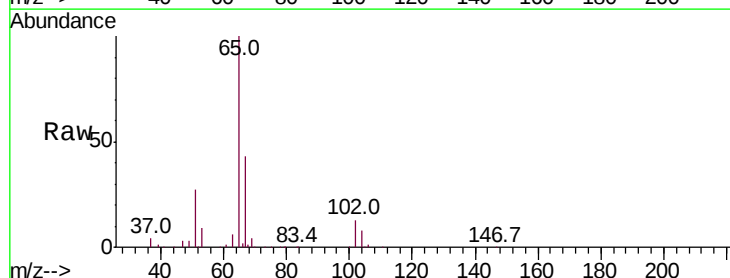
Acq: 22 Jul 2019 15:19

Tgt Ion: 65 Resp: 689478

Ion Ratio Lower Upper

65 100

67 42.7 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

300000

250000

200000

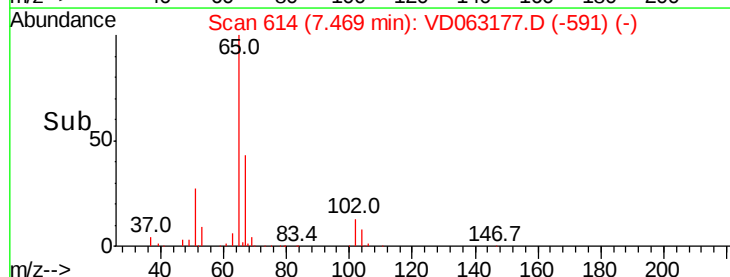
150000

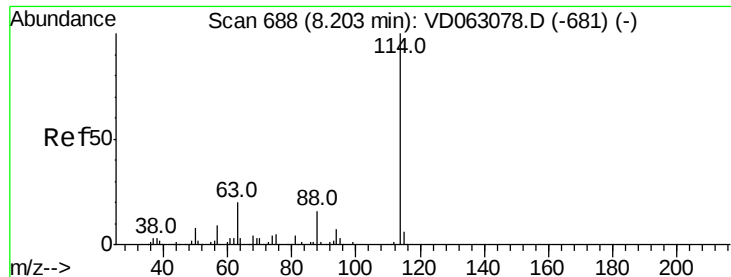
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.03 min

Lab File: VD063177.D

Acq: 22 Jul 2019 15:19

Instrument :

MSVOA_D

ClientSampleId :

TP-3

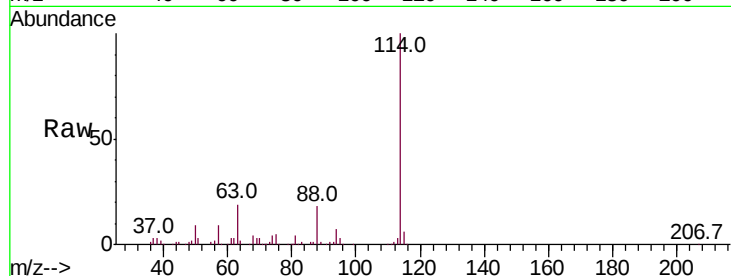
Tot Ion:114 Resp: 1239199

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.6

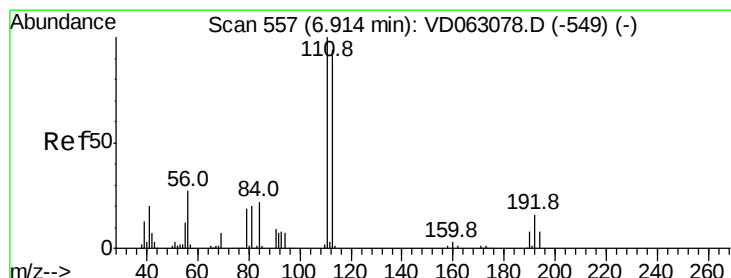
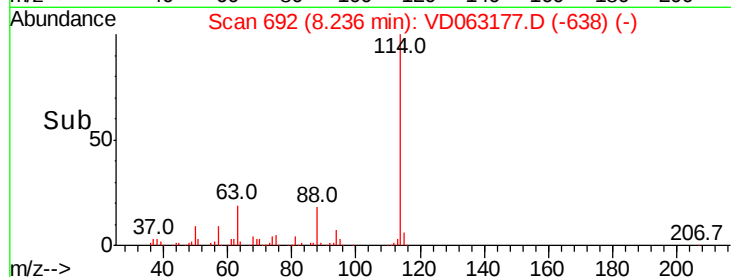
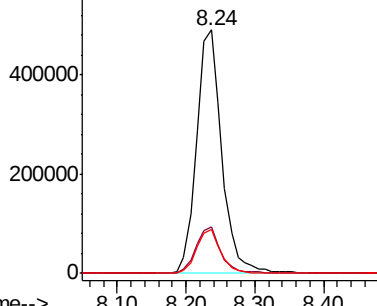
88 17.9 0.0 32.6



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: 57.287 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.02 min

Lab File: VD063177.D

Acq: 22 Jul 2019 15:19

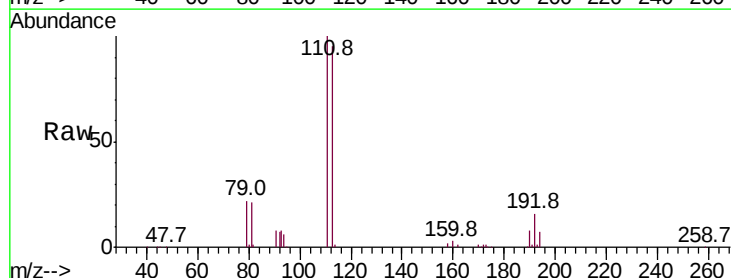
Tgt Ion:113 Resp: 707072

Ion Ratio Lower Upper

113 100

111 105.0 84.8 127.2

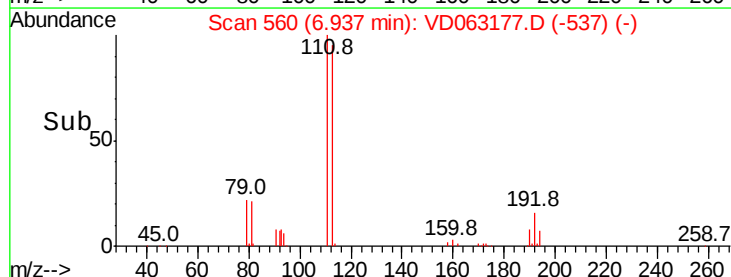
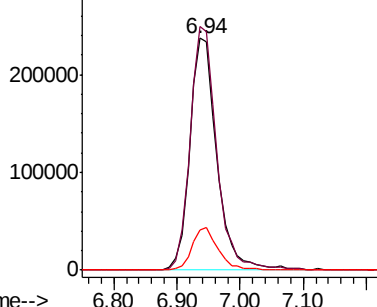
192 17.0 13.4 20.0

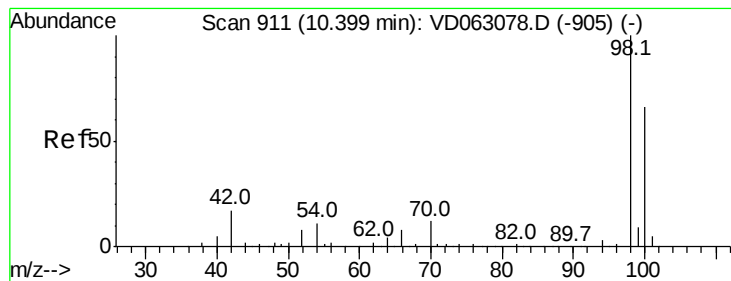


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 55.193 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063177.D

Acq: 22 Jul 2019 15:19

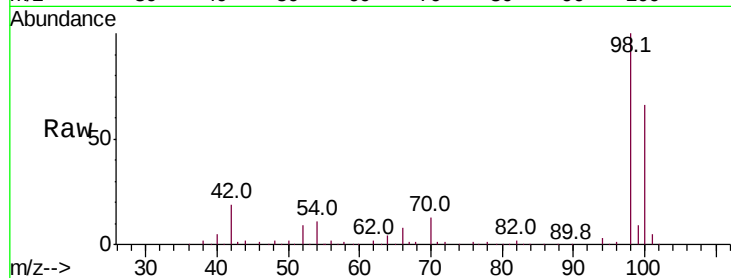
Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion: 98 Resp: 1463298

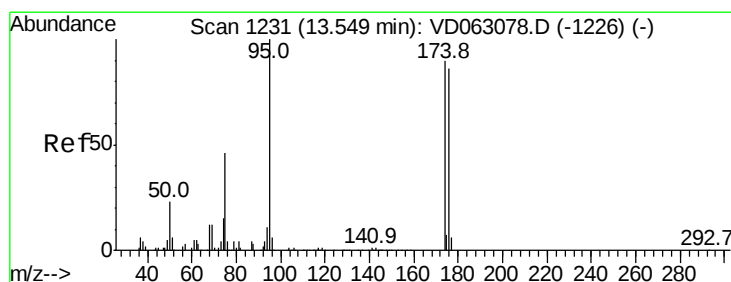
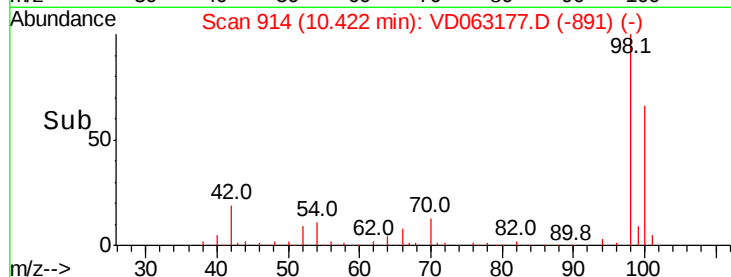
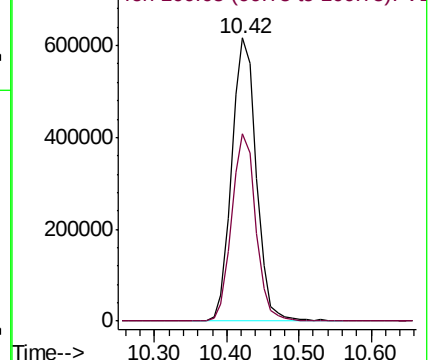
Ion Ratio Lower Upper

98 100

100 66.3 53.5 80.3



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



#62

4-Bromofluorobenzene

Concen: 49.898 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063177.D

Acq: 22 Jul 2019 15:19

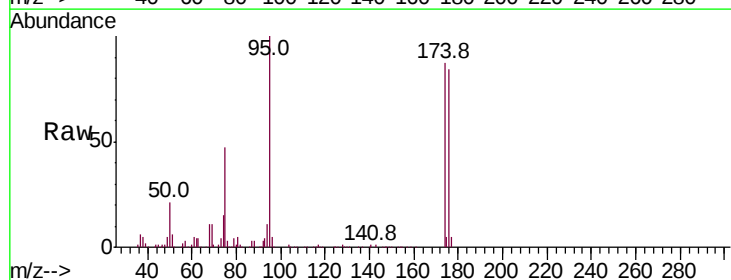
Tgt Ion: 95 Resp: 612029

Ion Ratio Lower Upper

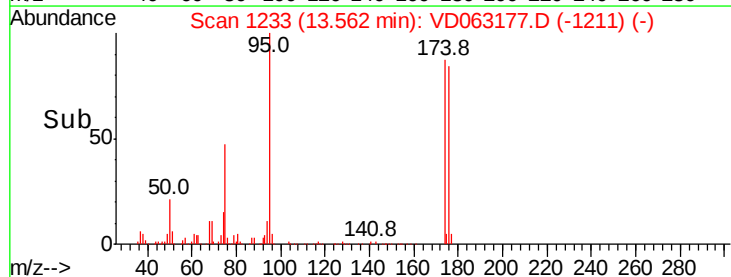
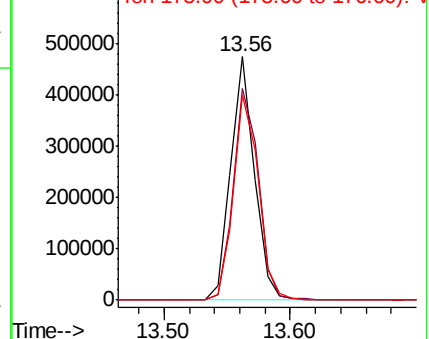
95 100

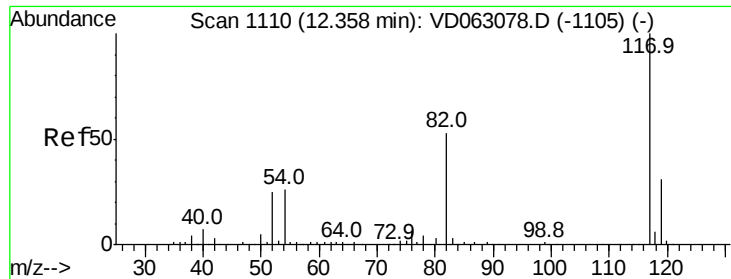
174 87.0 0.0 180.6

176 84.5 0.0 172.2



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

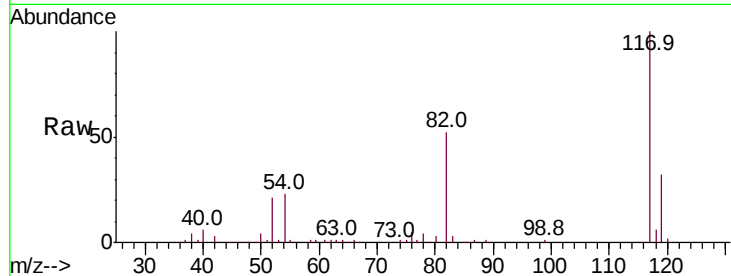




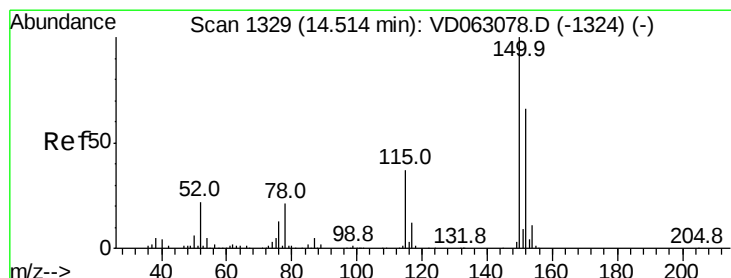
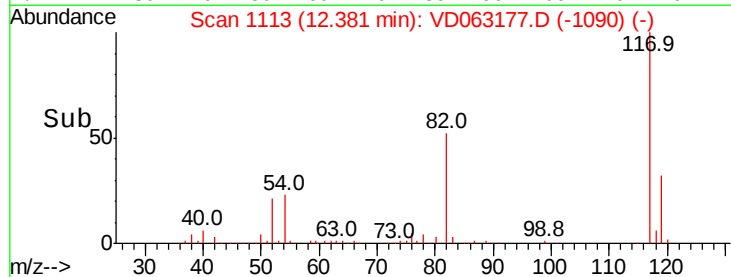
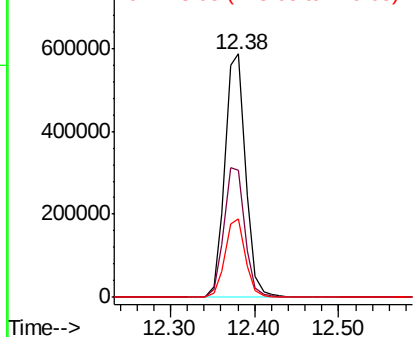
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD063177.D
Acq: 22 Jul 2019 15:19

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:117 Resp: 1005524
Ion Ratio Lower Upper
117 100
82 52.0 42.3 63.5
119 32.3 25.2 37.8

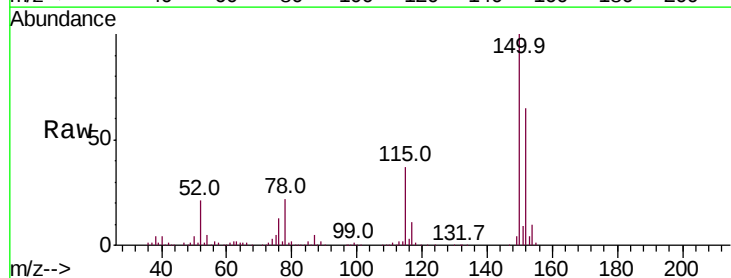


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

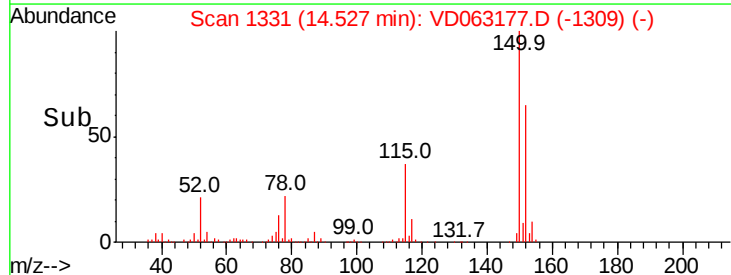
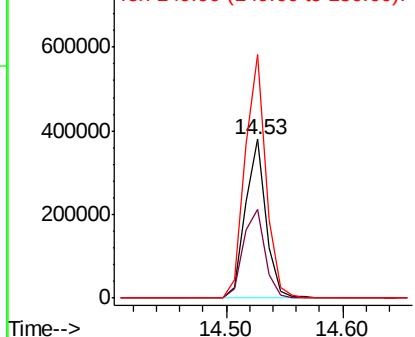


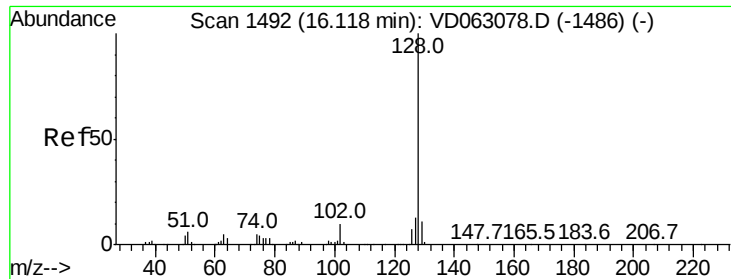
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063177.D
Acq: 22 Jul 2019 15:19

Tgt Ion:152 Resp: 463025
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.8
150 153.4 0.0 313.8



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





#95
 Naphthalene
 Concen: 1.088 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VD063177.D
 Acq: 22 Jul 2019 15:19

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.7	16.1
129	13.8	8.7	13.1#

