

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062378.D
 Acq On : 15 May 2019 7:14
 Operator : FY/SY
 Sample : K2779-03
 Misc : 6.14g/5mL/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200050

Quant Time: May 15 11:41:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	79347	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	125333	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	113117	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	63364	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	60135	81.55	ug/l	0.04
Spiked Amount			Recovery	=	163.10%	
35) Dibromofluoromethane	6.95	113	54909	52.80	ug/l	0.05
Spiked Amount			Recovery	=	105.60%	
50) Toluene-d8	10.42	98	82703	32.99	ug/l	0.02
Spiked Amount			Recovery	=	65.98%	
62) 4-Bromofluorobenzene	13.56	95	44314	44.01	ug/l	0.02
Spiked Amount			Recovery	=	88.02%	

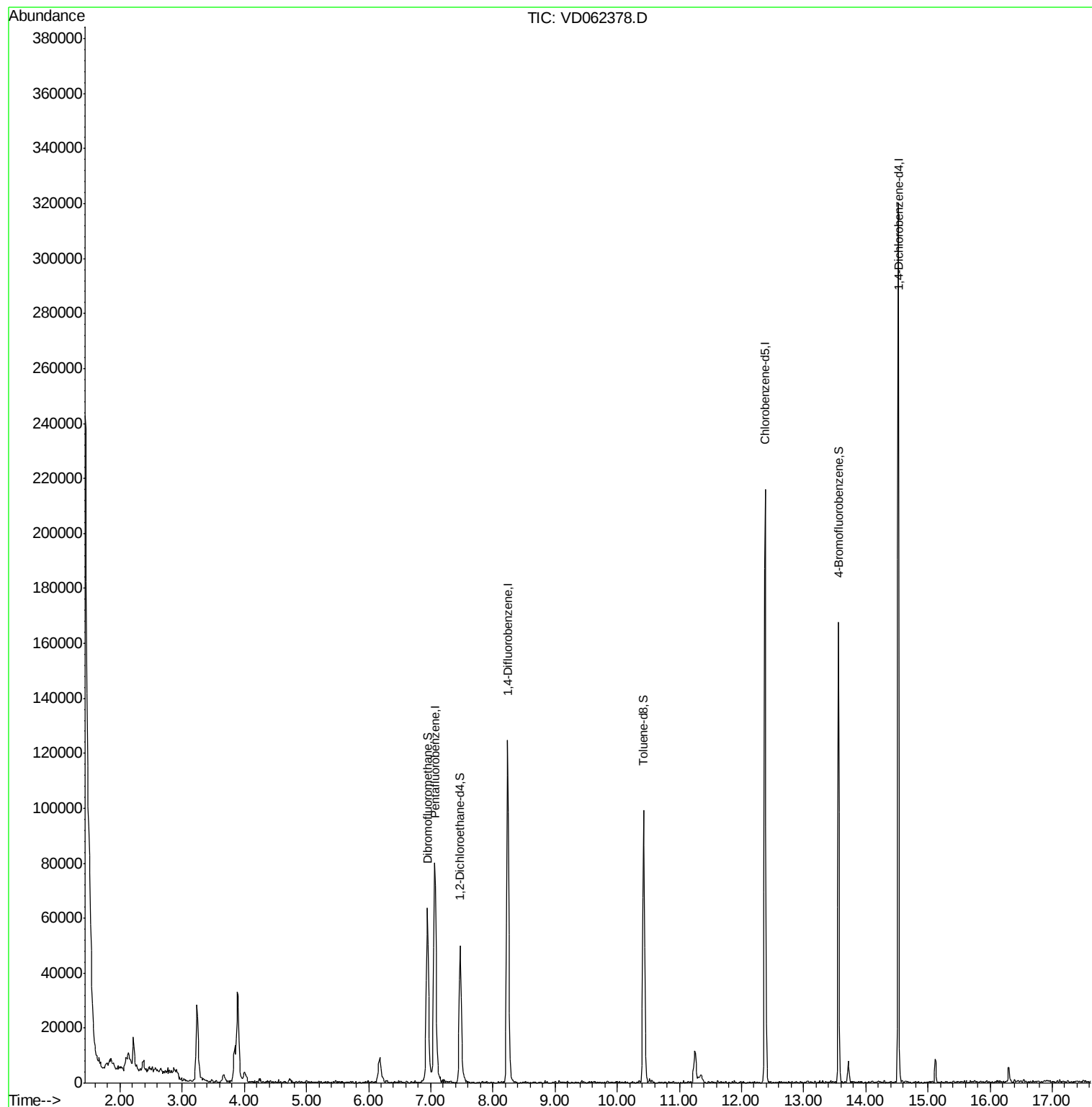
Target Compounds	Qvalue
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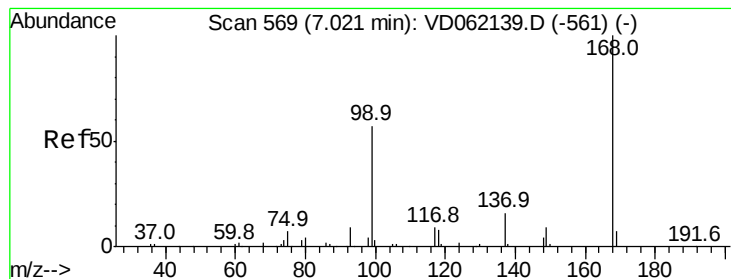
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062378.D

Acq: 15 May 2019 7:14

Instrument :

MSVOA_D

ClientSampleId :

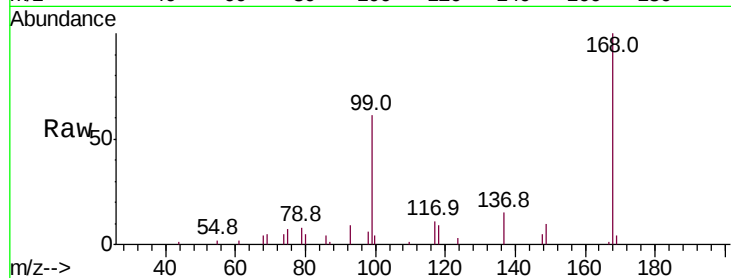
RBR-200050

Tot Ion:168 Resp: 79347

Ion Ratio Lower Upper

168 100

99 60.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

Time-->

Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

Time-->

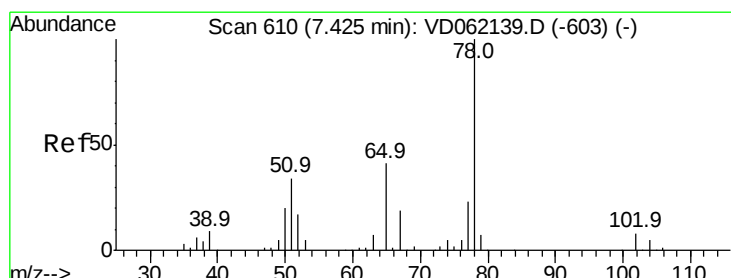
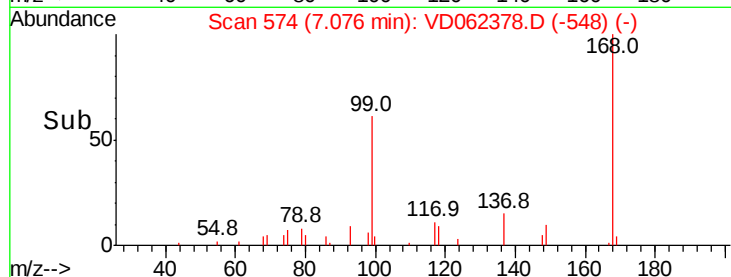
Abundance

Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

Time-->



#33

1,2-Dichloroethane-d4

Concen: 81.552 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062378.D

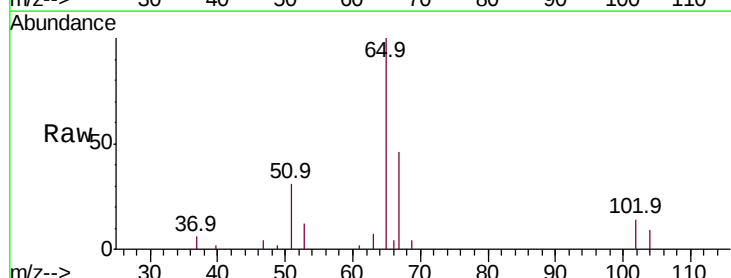
Acq: 15 May 2019 7:14

Tgt Ion: 65 Resp: 60135

Ion Ratio Lower Upper

65 100

67 45.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

Time-->

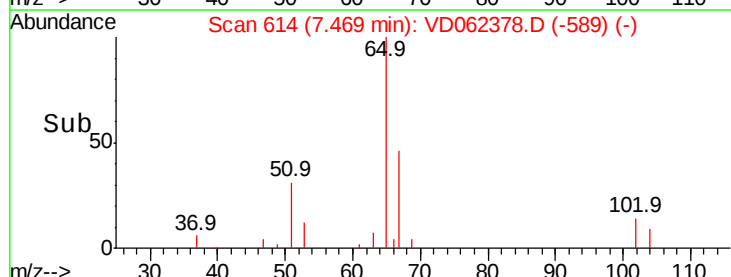
Abundance

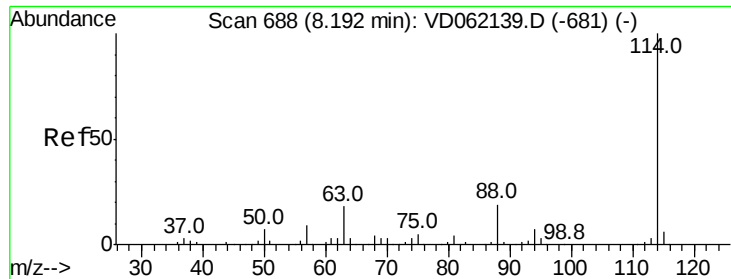
Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

Time-->

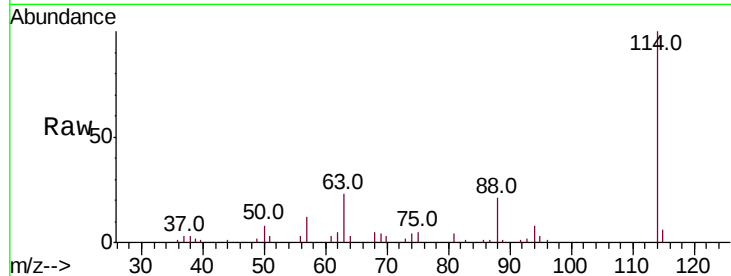




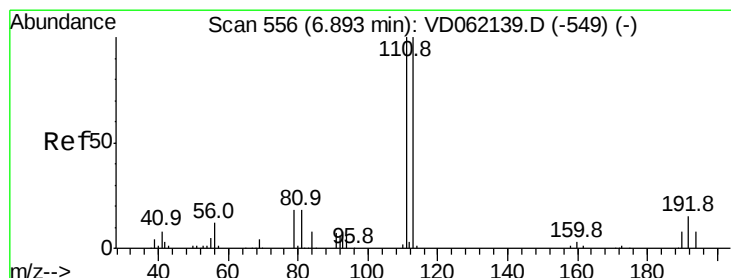
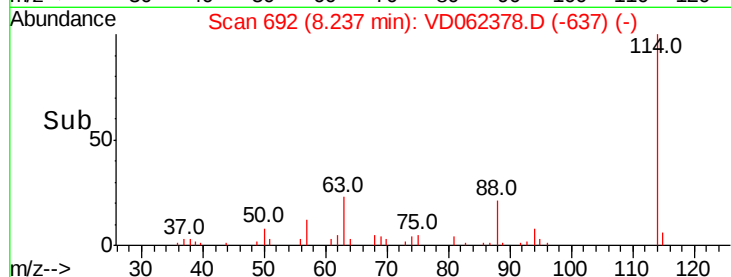
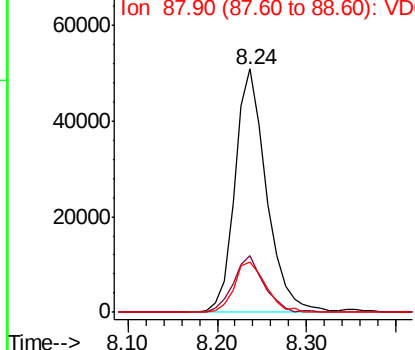
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062378.D
 Acq: 15 May 2019 7:14

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200050

Tot Ion:114 Resp: 125333
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 32.4
 88 20.6 0.0 33.6

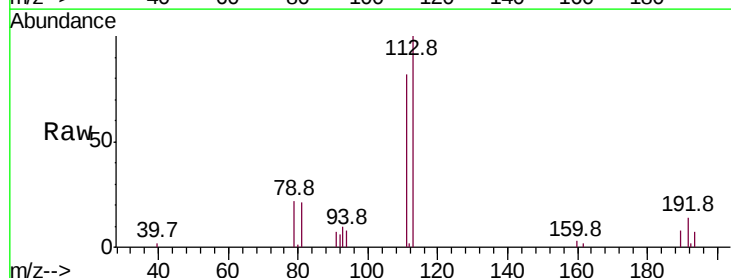


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

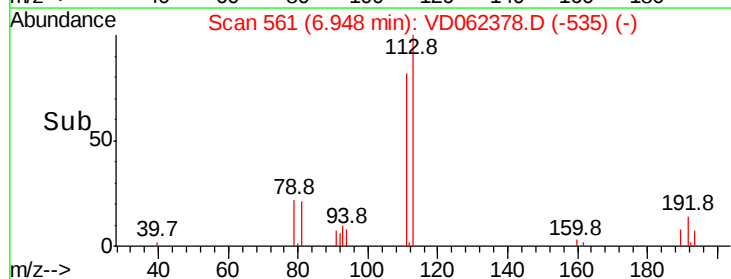
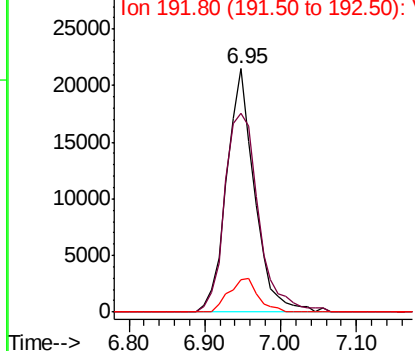


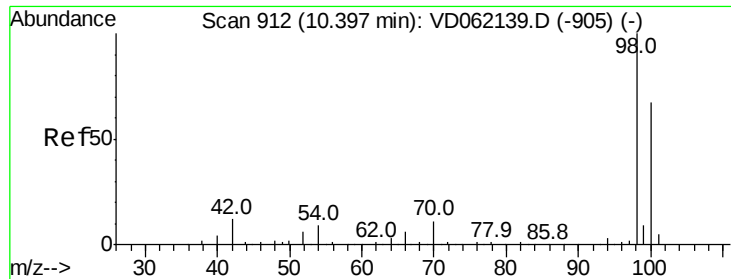
#35
 Dibromofluoromethane
 Concen: 52.802 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062378.D
 Acq: 15 May 2019 7:14

Tgt Ion:113 Resp: 54909
 Ion Ratio Lower Upper
 113 100
 111 81.9 78.5 117.7
 192 15.1 13.0 19.4



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: 32.985 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062378.D

Acq: 15 May 2019 7:14

Instrument :

MSVOA_D

ClientSampleId :

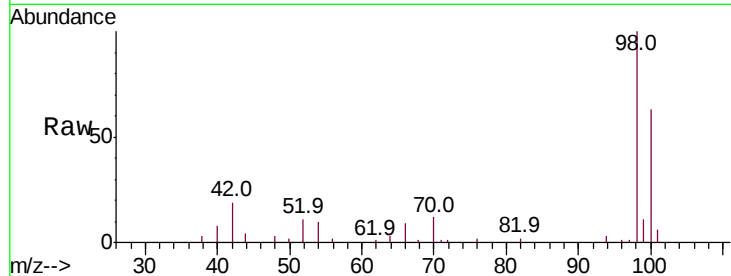
RBR-200050

Tot Ion: 98 Resp: 82703

Ion Ratio Lower Upper

98 100

100 63.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

40000

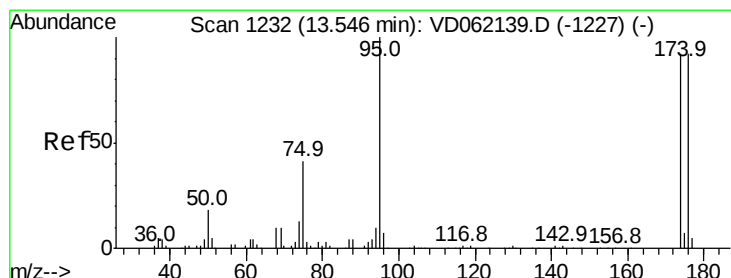
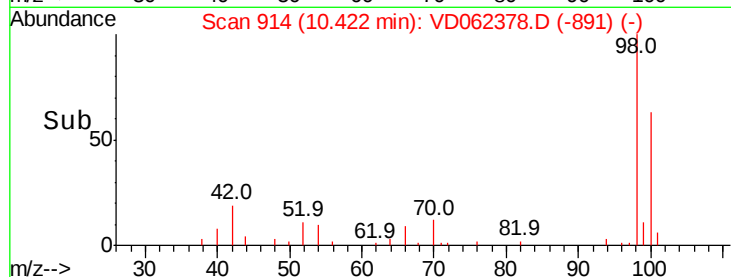
30000

20000

10000

0

Time--> 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 44.013 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062378.D

Acq: 15 May 2019 7:14

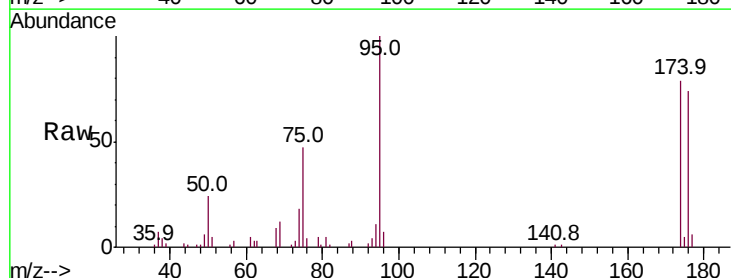
Tgt Ion: 95 Resp: 44314

Ion Ratio Lower Upper

95 100

174 79.3 0.0 181.8

176 73.7 0.0 174.4



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

40000

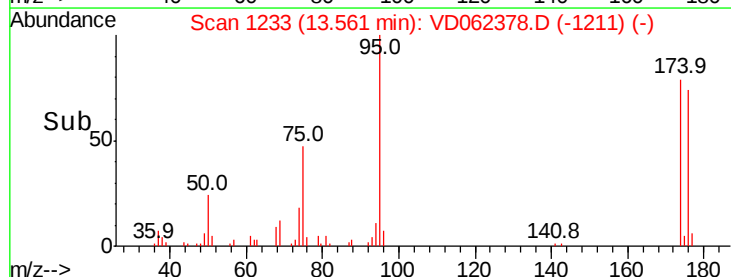
30000

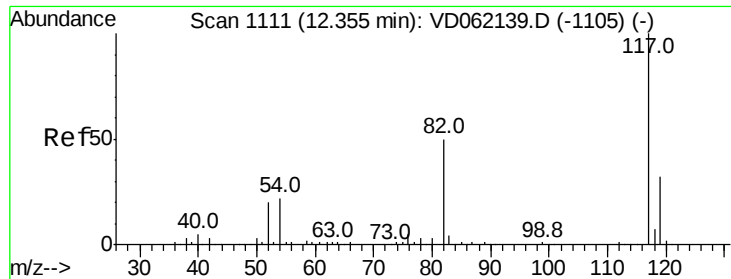
20000

10000

0

Time--> 13.50 13.55 13.60

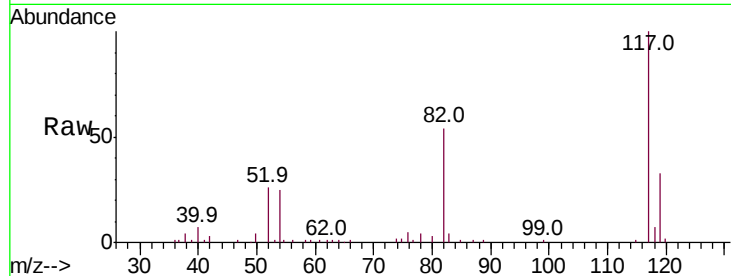




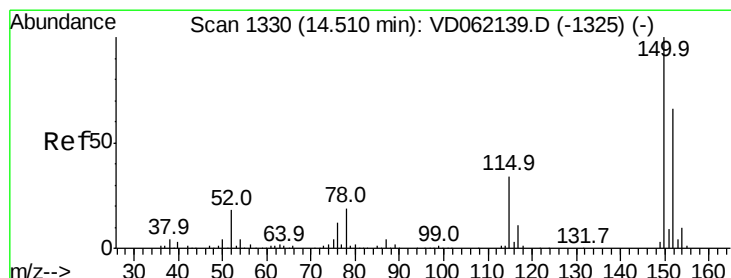
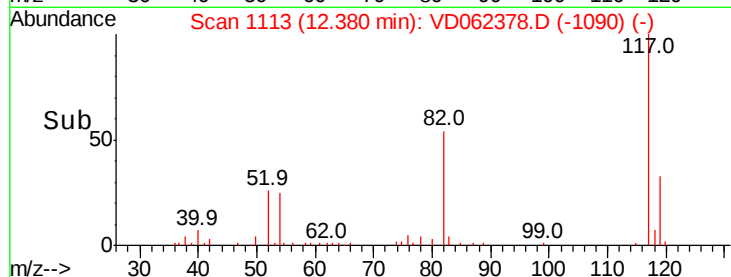
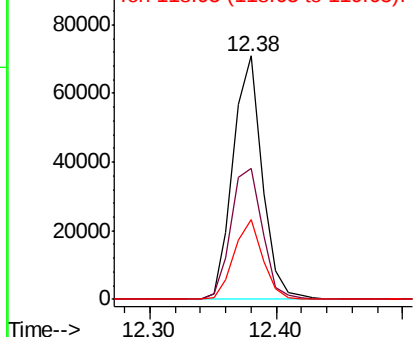
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062378.D
Acq: 15 May 2019 7:14

Instrument :
MSVOA_D
ClientSampleId :
RBR-200050

Tot Ion:117 Resp: 113117
Ion Ratio Lower Upper
117 100
82 54.0 36.2 54.2
119 33.0 26.2 39.4

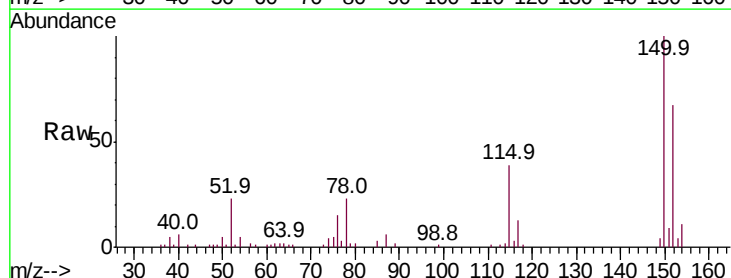


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062378.D
Acq: 15 May 2019 7:14

Tgt Ion:152 Resp: 63364
Ion Ratio Lower Upper
152 100
115 58.4 30.9 92.7
150 150.3 0.0 314.8



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

