

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063241.D
 Acq On : 30 Jul 2019 14:58
 Operator : VA/AP
 Sample : K4043-15
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB203-GW-418-420

Quant Time: Jul 31 06:32:39 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	7.05	168	25089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	43321	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	37914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	17523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	18045	64.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.64%	
35) Dibromofluoromethane	6.91	113	13677	36.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.96%	
50) Toluene-d8	10.40	98	29515	35.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.32%	
62) 4-Bromofluorobenzene	13.55	95	13300	35.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.52%	

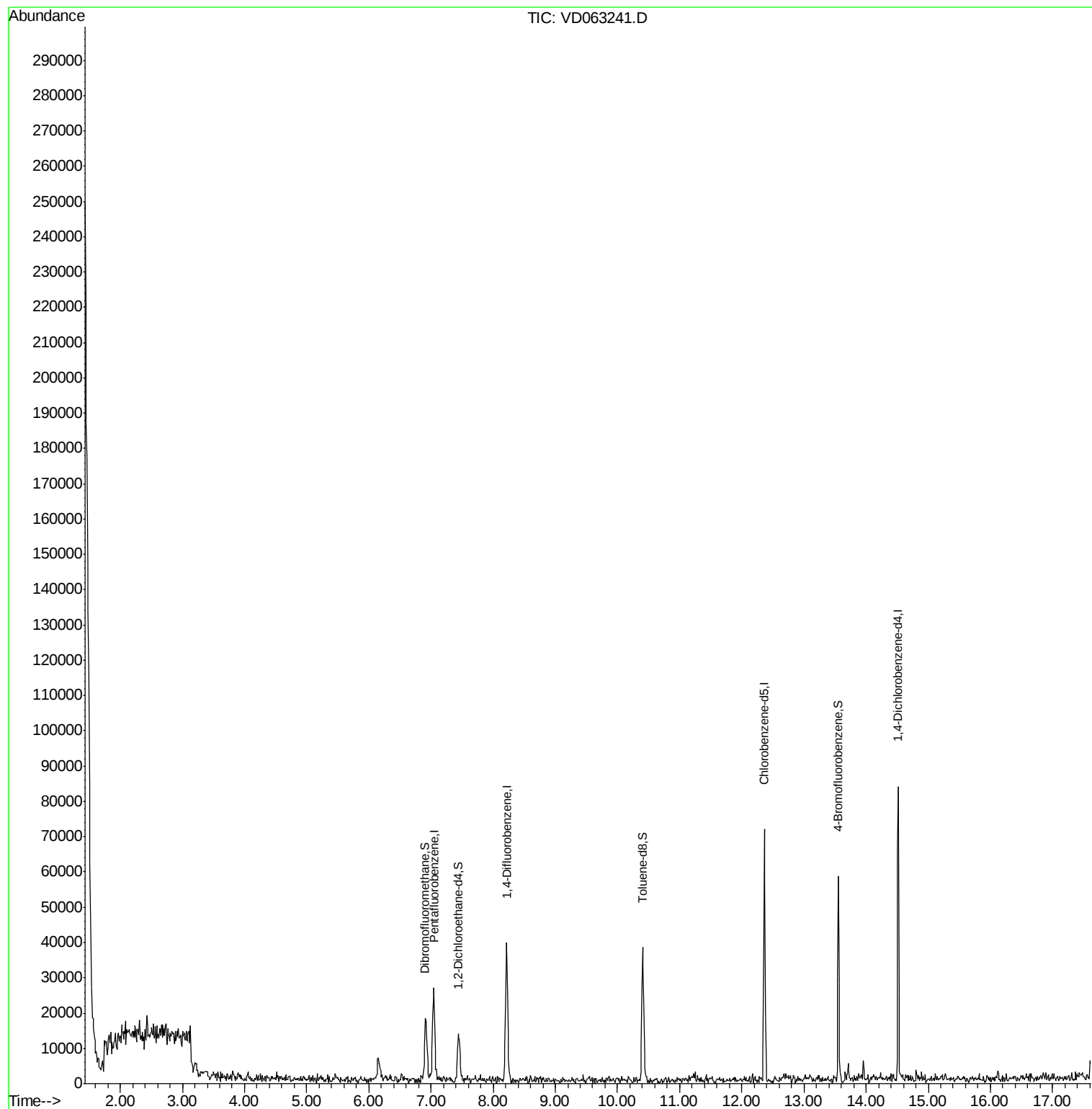
Target Compounds	Qvalue
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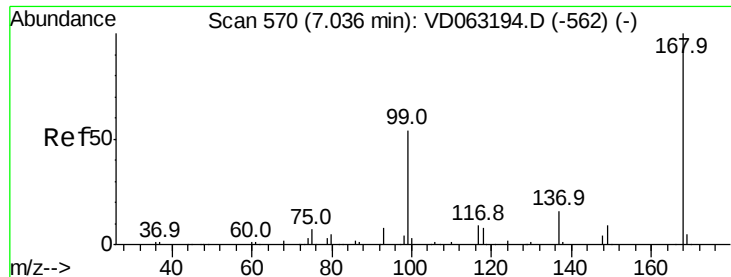
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063241.D

Acq: 30 Jul 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

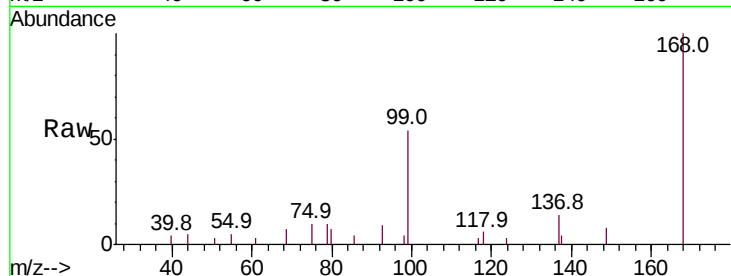
BP-VPB203-GW-418-420

Tot Ion:168 Resp: 25089

Ion Ratio Lower Upper

168 100

99 54.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

12000

10000

8000

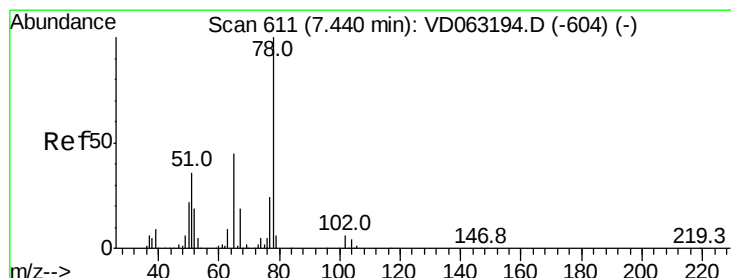
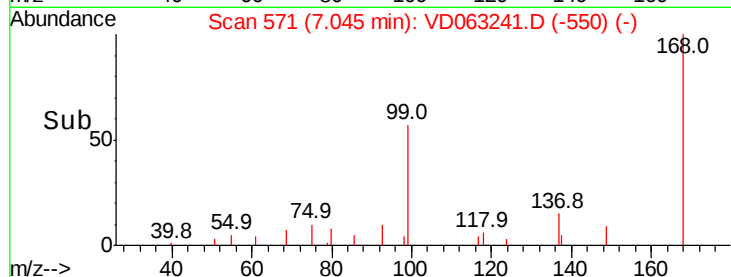
6000

4000

2000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 64.820 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063241.D

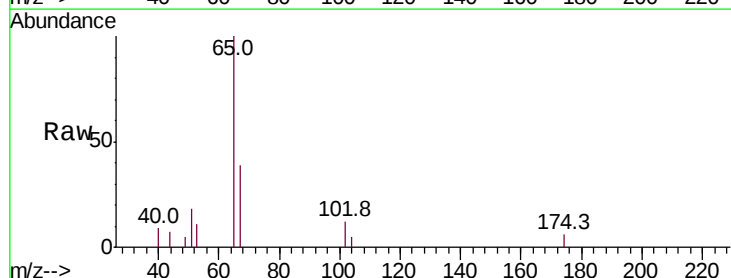
Acq: 30 Jul 2019 14:58

Tgt Ion: 65 Resp: 18045

Ion Ratio Lower Upper

65 100

67 38.7 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

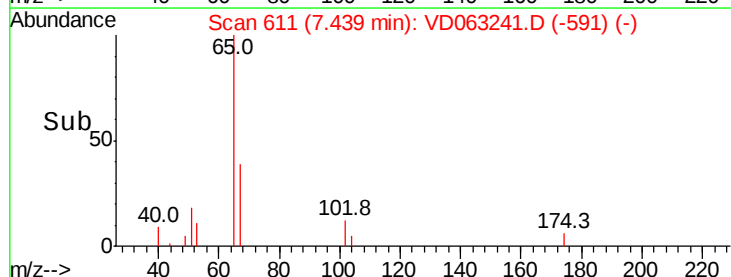
6000

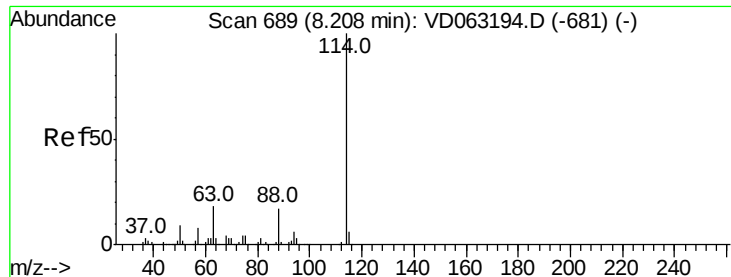
4000

2000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD063241.D

Acq: 30 Jul 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-418-420

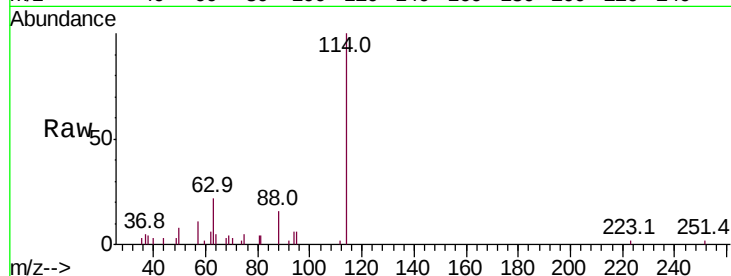
Tot Ion:114 Resp: 43321

Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.2

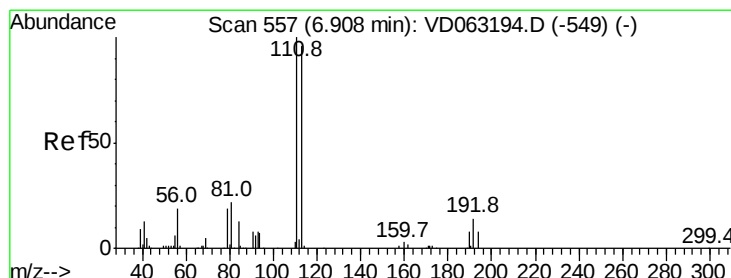
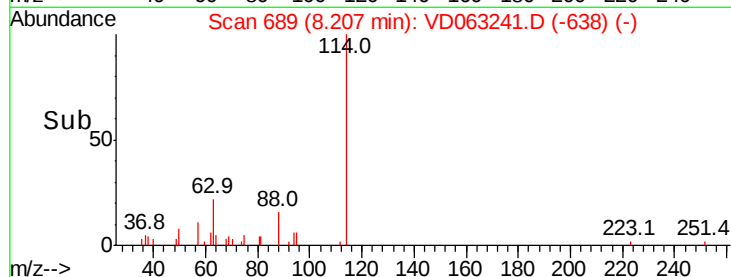
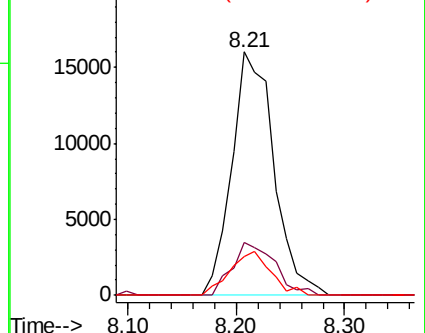
88 16.0 0.0 34.6



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: 36.978 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD063241.D

Acq: 30 Jul 2019 14:58

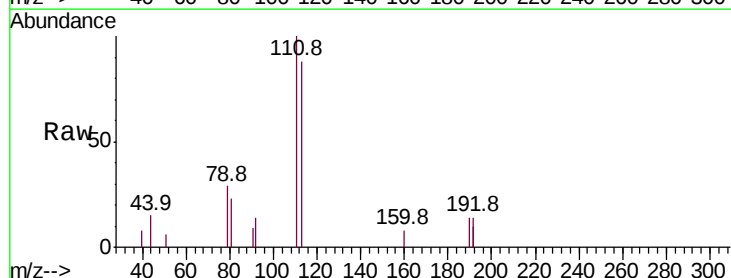
Tgt Ion:113 Resp: 13677

Ion Ratio Lower Upper

113 100

111 114.0 83.2 124.8

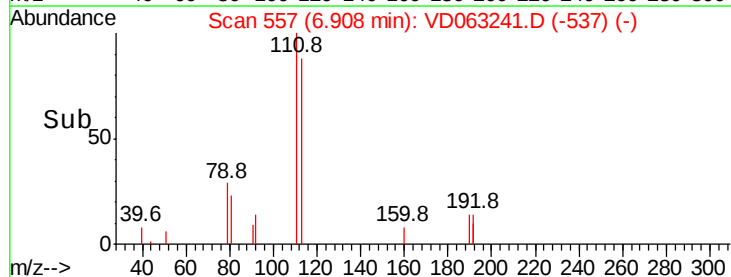
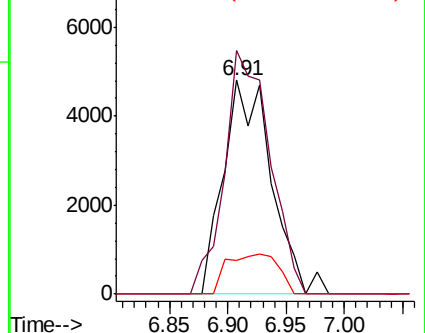
192 15.8 11.8 17.8

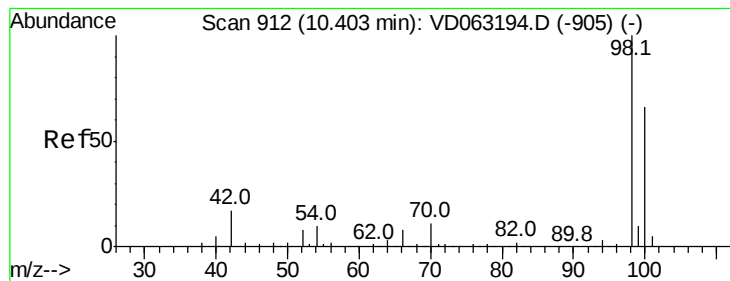


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 35.656 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063241.D

Acq: 30 Jul 2019 14:58

Instrument :

MSVOA_D

ClientSampleId :

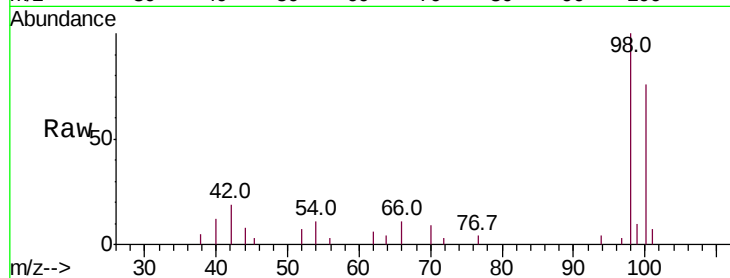
BP-VPB203-GW-418-420

Tot Ion: 98 Resp: 29515

Ion Ratio Lower Upper

98 100

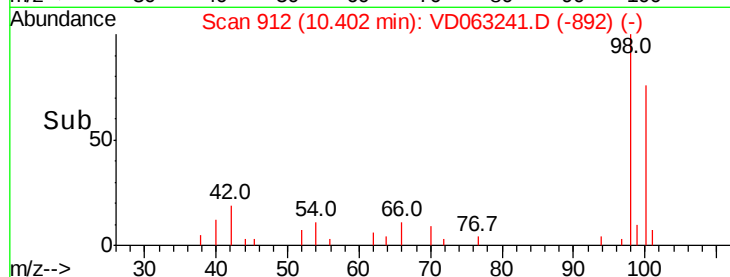
100 76.1 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.40



15000

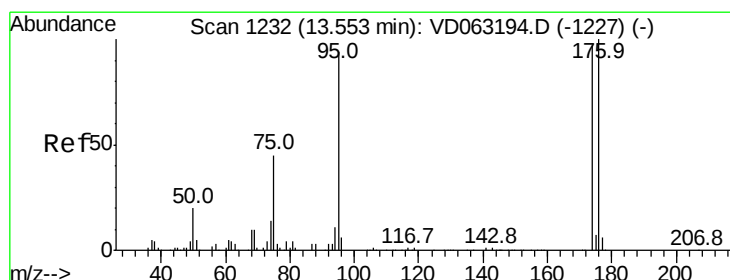
10000

5000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 35.259 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063241.D

Acq: 30 Jul 2019 14:58

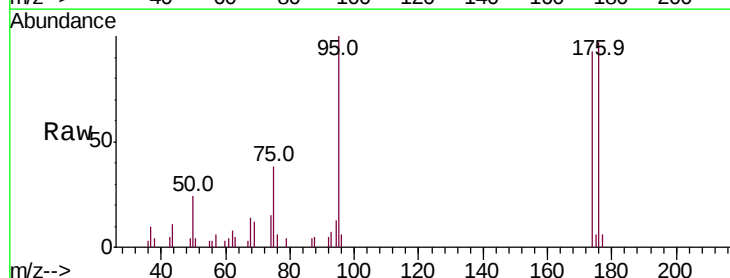
Tgt Ion: 95 Resp: 13300

Ion Ratio Lower Upper

95 100

174 92.5 0.0 205.4

176 97.3 0.0 211.8



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

15000

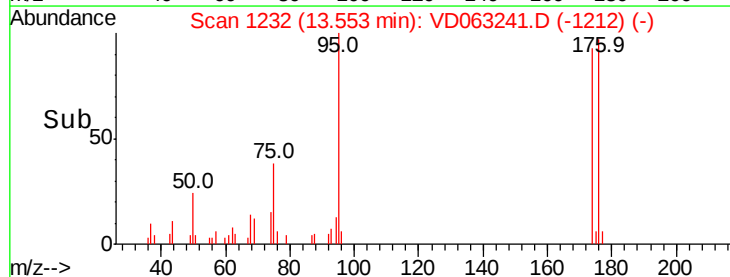
10000

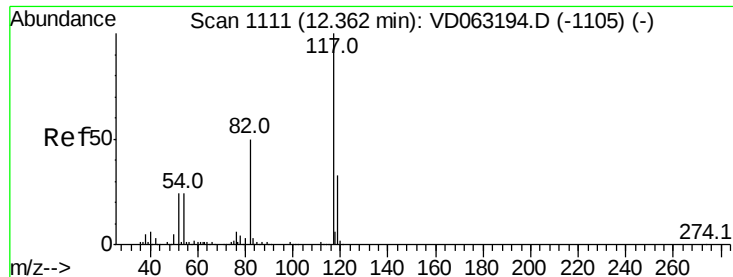
5000

0

Time-->

13.50 13.55 13.60

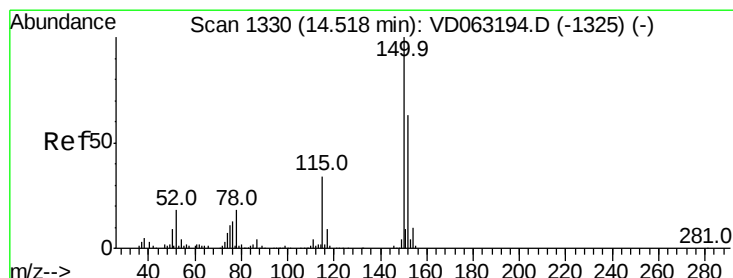
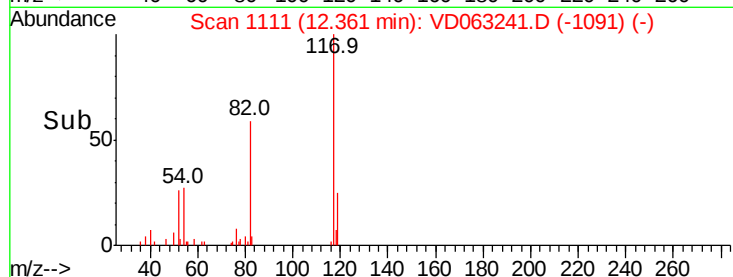
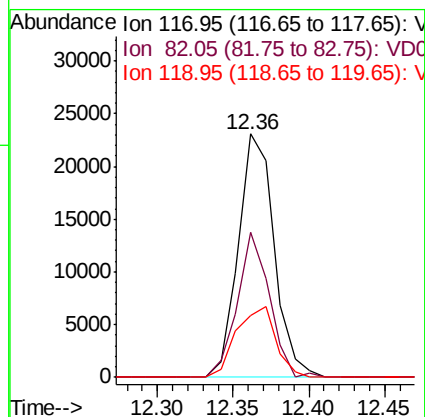
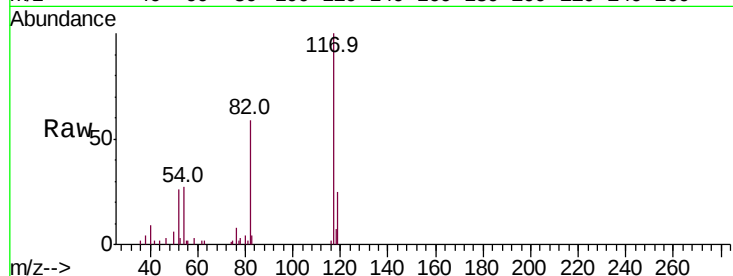




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063241.D
Acq: 30 Jul 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-418-420

Tot Ion:117 Resp: 37914
Ion Ratio Lower Upper
117 100
82 59.4 40.1 60.1
119 25.2 26.5 39.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063241.D
Acq: 30 Jul 2019 14:58

Tgt Ion:152 Resp: 17523
Ion Ratio Lower Upper
152 100
115 54.6 27.5 82.4
150 150.0 0.0 320.6

