

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063251.D
 Acq On : 30 Jul 2019 19:34
 Operator : VA/AP
 Sample : K4049-07RE
 Misc : 4.50g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-7RE

Quant Time: Jul 31 06:39:12 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	7.03	168	859163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1109307	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	789985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	278645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	356812	37.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.86%	
35) Dibromofluoromethane	6.91	113	363672	38.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.80%	
50) Toluene-d8	10.40	98	678915	32.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.06%	
62) 4-Bromofluorobenzene	13.55	95	218907	22.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.32%	

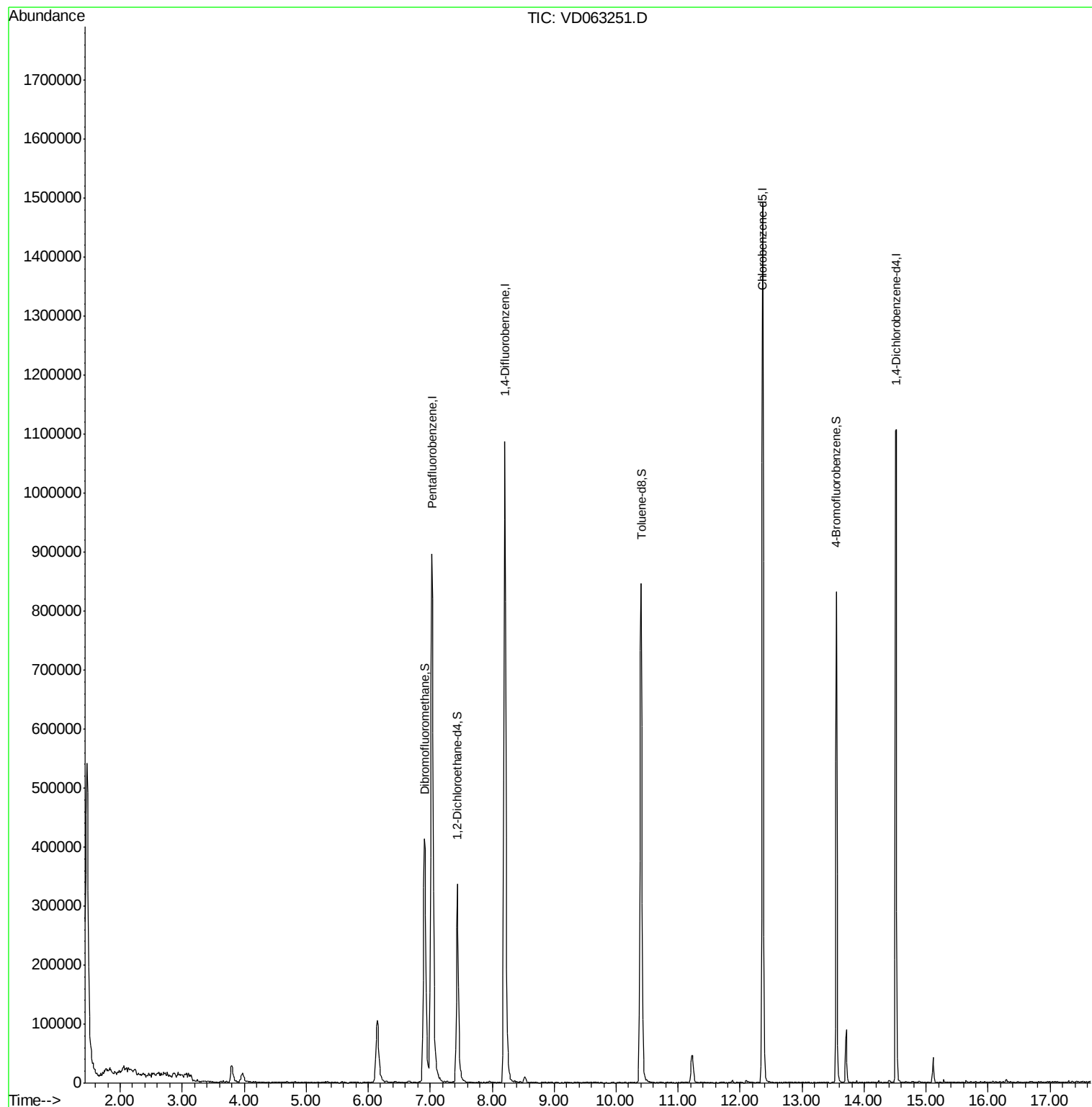
Target Compounds	Qvalue

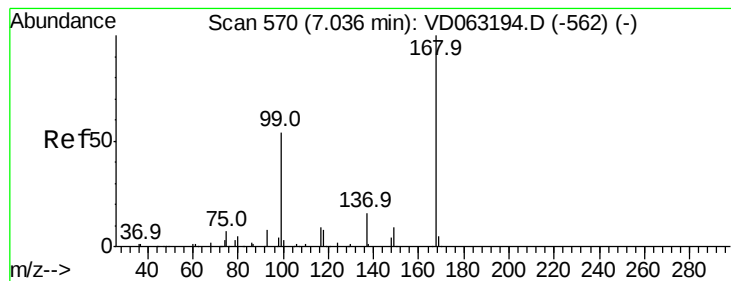
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063251.D

Acq: 30 Jul 2019 19:34

Instrument :

MSVOA_D

ClientSampleId :

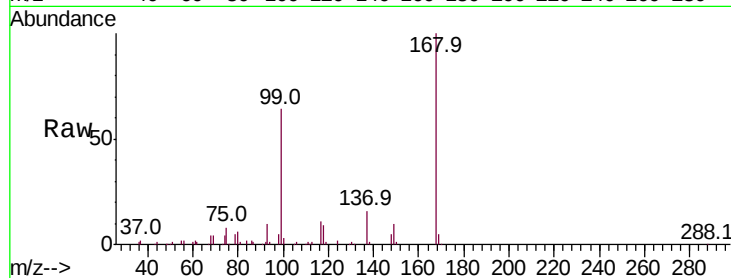
SP-7RE

Tot Ion:168 Resp: 859163

Ion Ratio Lower Upper

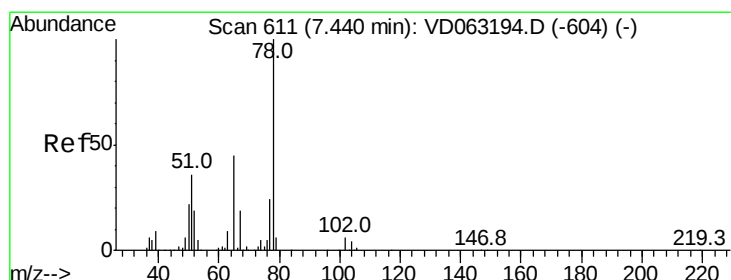
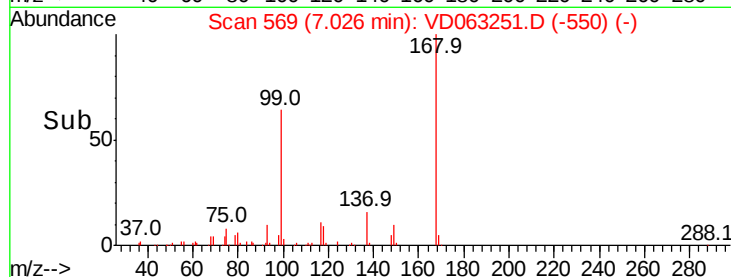
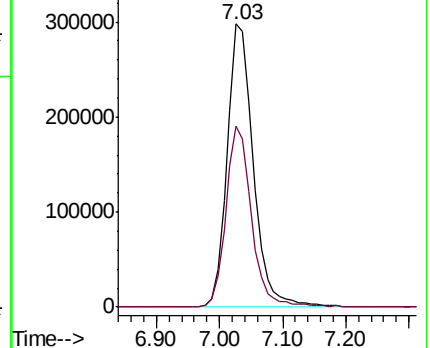
168 100

99 63.8 43.7 65.5



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: 37.428 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063251.D

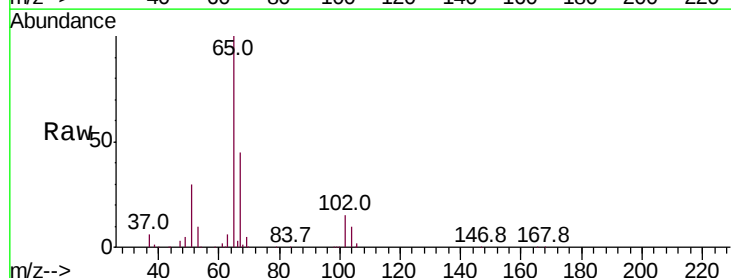
Acq: 30 Jul 2019 19:34

Tgt Ion: 65 Resp: 356812

Ion Ratio Lower Upper

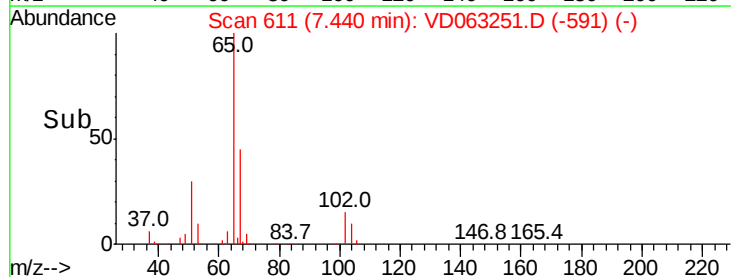
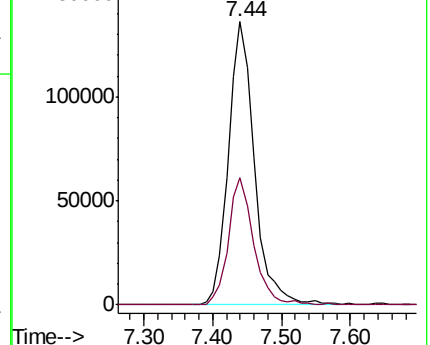
65 100

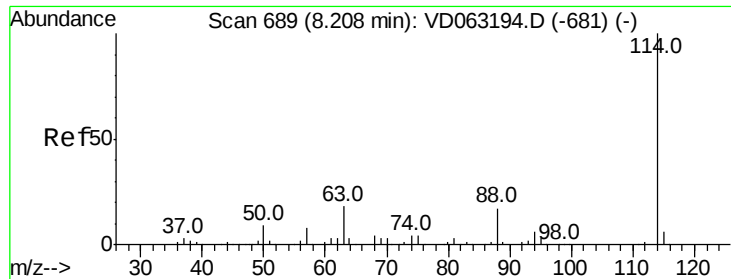
67 44.9 0.0 85.8



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: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063251.D

Acq: 30 Jul 2019 19:34

Instrument :

MSVOA_D

ClientSampleId :

SP-7RE

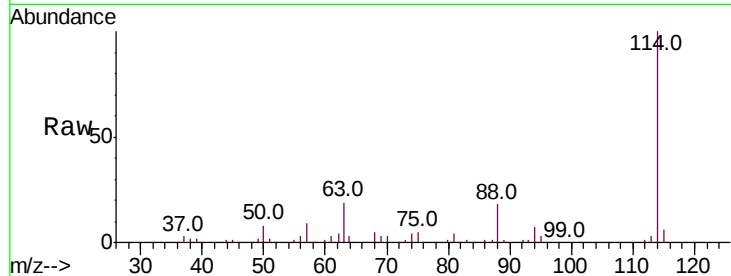
Tot Ion:114 Resp: 1109307

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.2

88 17.6 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

8.21

600000

500000

400000

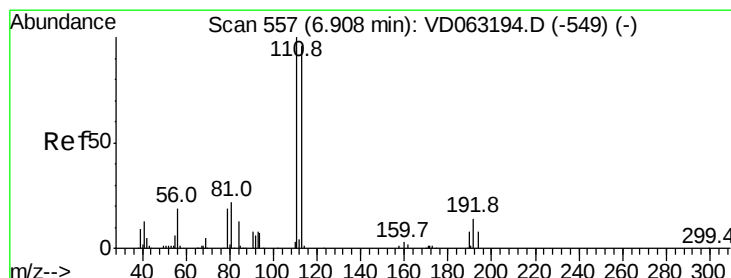
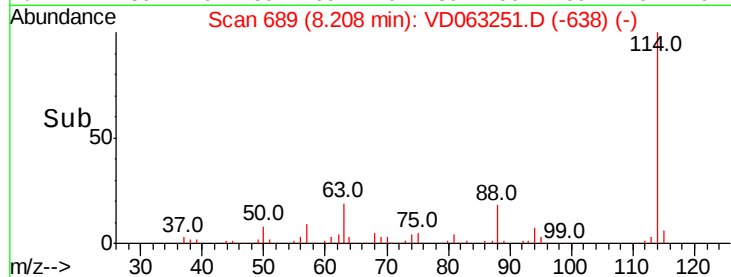
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 38.398 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063251.D

Acq: 30 Jul 2019 19:34

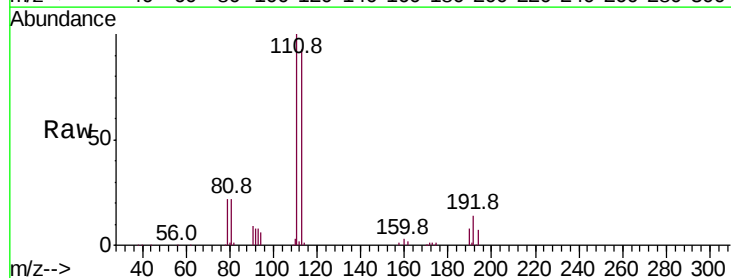
Tgt Ion:113 Resp: 363672

Ion Ratio Lower Upper

113 100

111 107.5 83.2 124.8

192 15.5 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

6.91

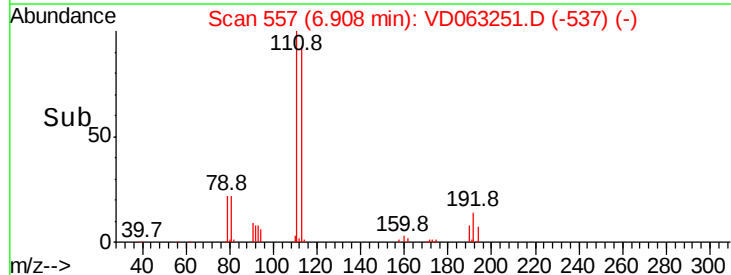
150000

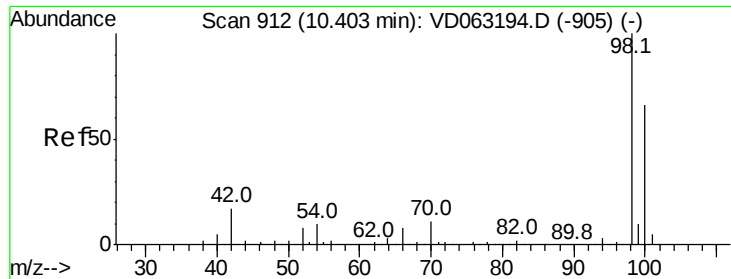
100000

50000

0

Time-->





#50

Toluene-d8

Concen: 32.030 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063251.D

Acq: 30 Jul 2019 19:34

Instrument :

MSVOA_D

ClientSampleId :

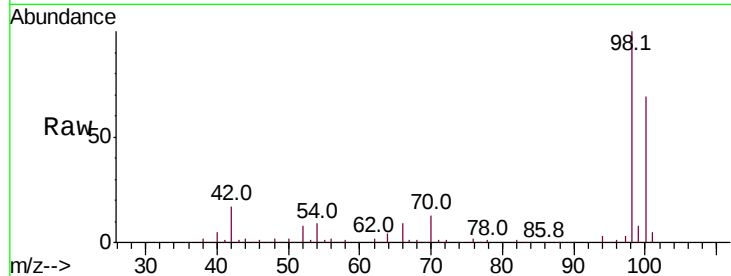
SP-7RE

Tot Ion: 98 Resp: 678915

Ion Ratio Lower Upper

98 100

100 69.2 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

300000

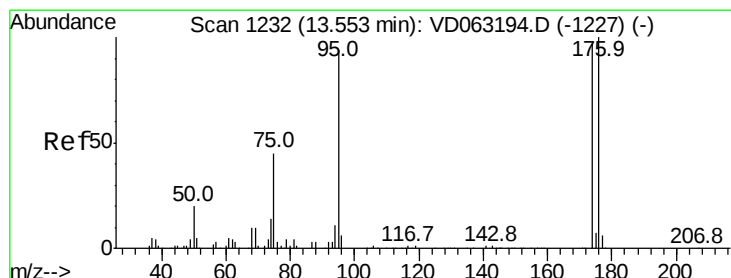
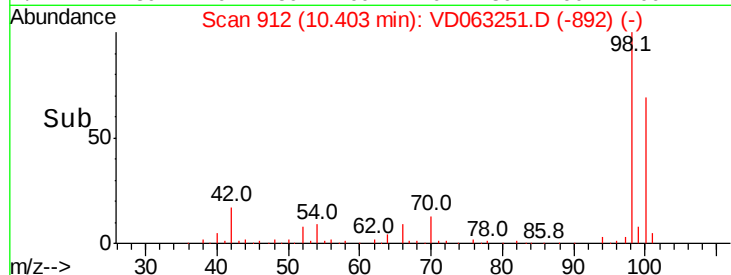
200000

100000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 22.663 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063251.D

Acq: 30 Jul 2019 19:34

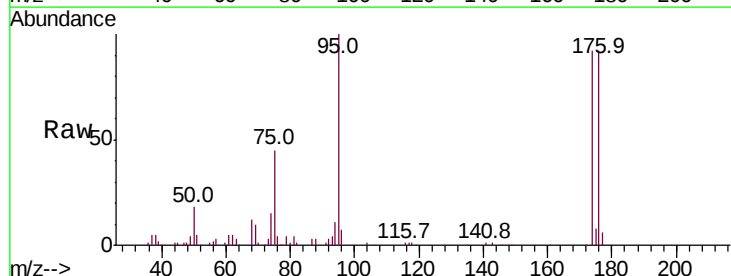
Tgt Ion: 95 Resp: 218907

Ion Ratio Lower Upper

95 100

174 91.8 0.0 205.4

176 91.6 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

13.55

200000

150000

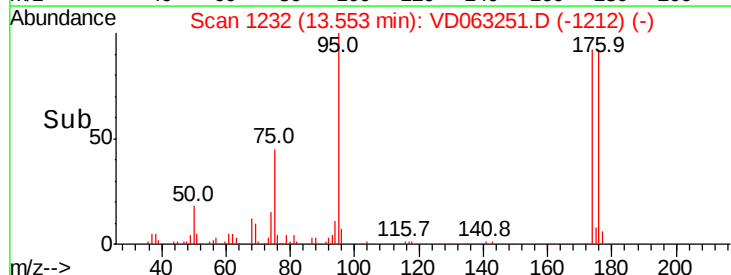
100000

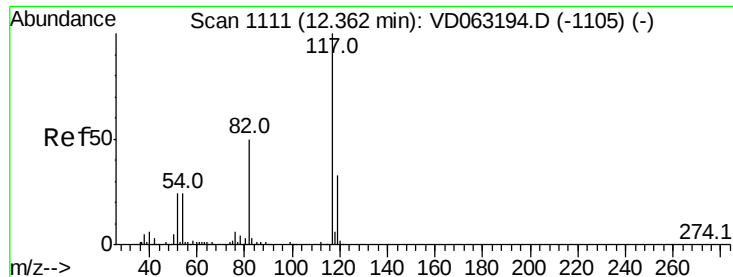
50000

0

Time-->

13.45 13.50 13.55 13.60

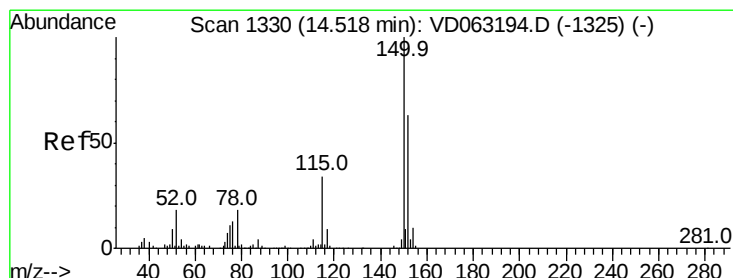
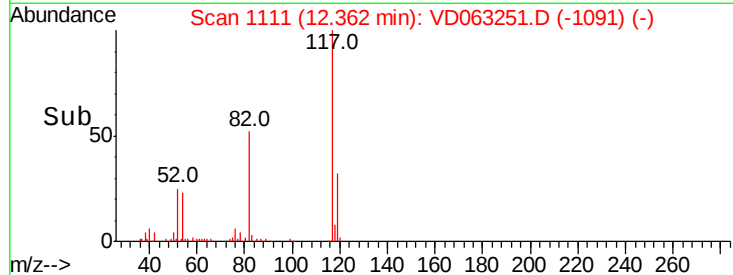
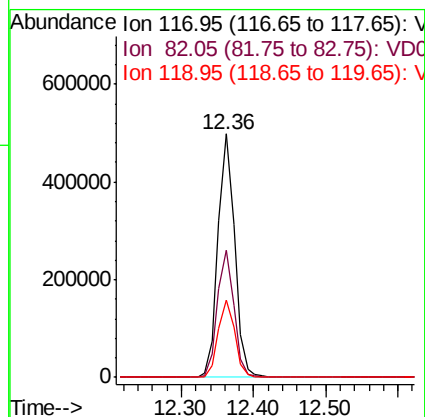
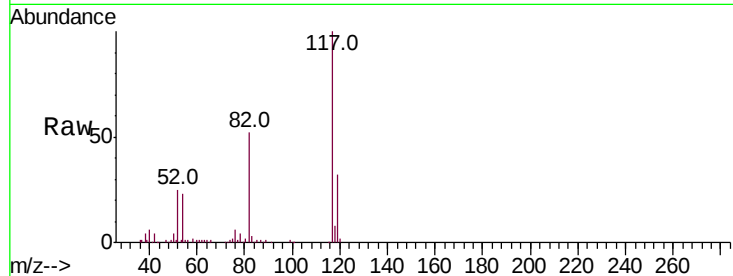




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063251.D
Acq: 30 Jul 2019 19:34

Instrument :
MSVOA_D
ClientSampleId :
SP-7RE

Tot Ion:117 Resp: 789985
Ion Ratio Lower Upper
117 100
82 52.1 40.1 60.1
119 31.8 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: VD063251.D
Acq: 30 Jul 2019 19:34

Tgt Ion:152 Resp: 278645
Ion Ratio Lower Upper
152 100
115 50.5 27.5 82.4
150 156.7 0.0 320.6

