

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063263.D
 Acq On : 31 Jul 2019 3:22
 Operator : VA/AP
 Sample : K4044-09
 Misc : 4.89g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jul 31 06:54:17 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	1131792	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1525683	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	1214479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	570804	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	424053	33.77	ug/l	0.01
Spiked Amount	50.000		Recovery	=	67.54%	
35) Dibromofluoromethane	6.93	113	472320	36.26	ug/l	0.02
Spiked Amount	50.000		Recovery	=	72.52%	
50) Toluene-d8	10.40	98	1001495	34.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.70%	
62) 4-Bromofluorobenzene	13.55	95	437431	32.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.86%	

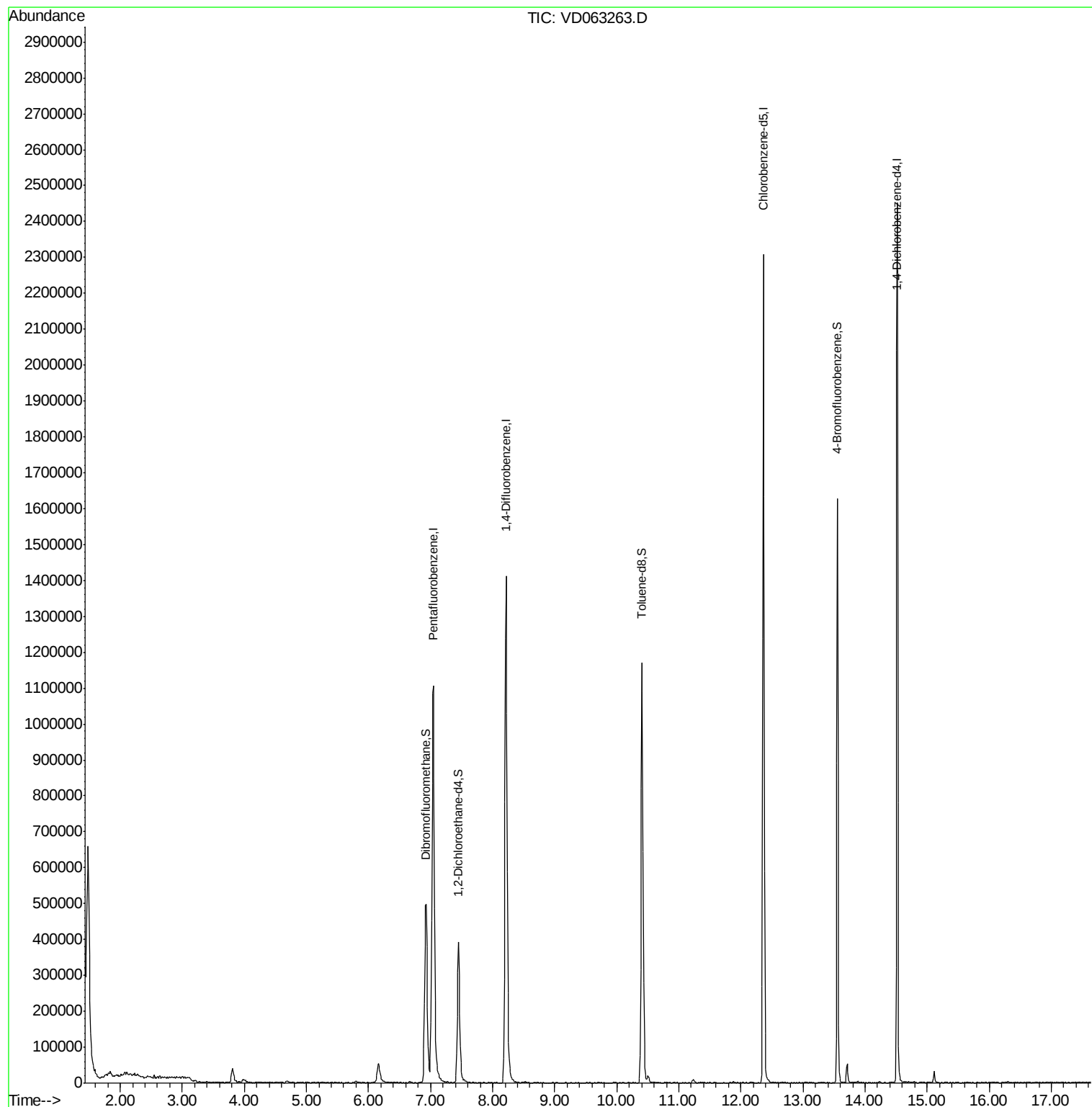
Target Compounds	Qvalue
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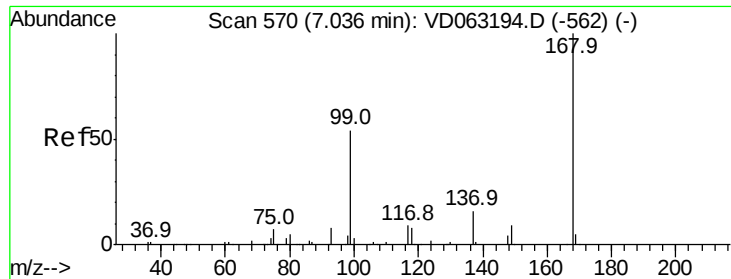
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue 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: VD063263.D

Acq: 31 Jul 2019 3:22

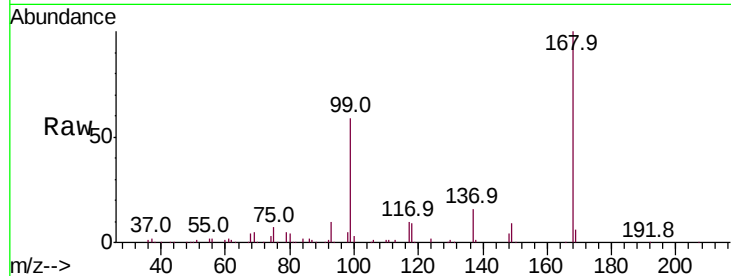
Instrument :
MSVOA_D
ClientSampled :
TP-1

Tot Ion:168 Resp: 1131792

Ion Ratio Lower Upper

168 100

99 58.9 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

400000

300000

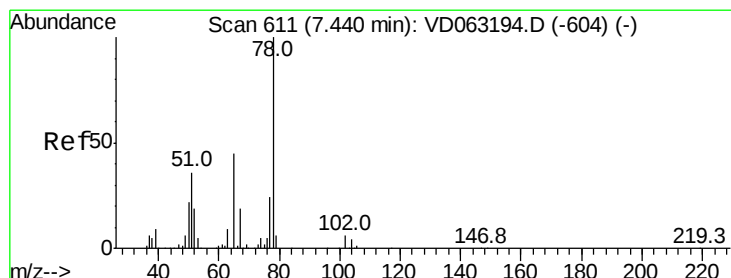
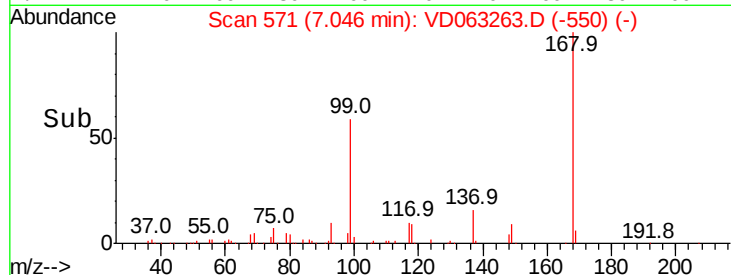
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 33.767 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063263.D

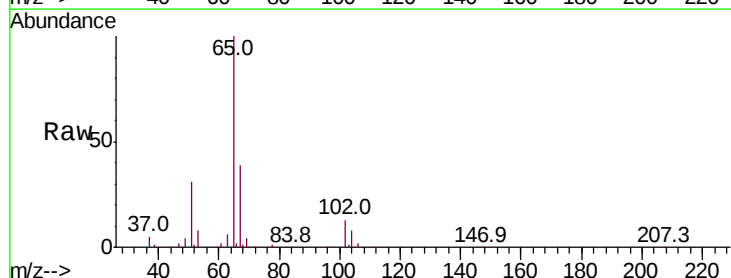
Acq: 31 Jul 2019 3:22

Tgt Ion: 65 Resp: 424053

Ion Ratio Lower Upper

65 100

67 39.0 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

150000

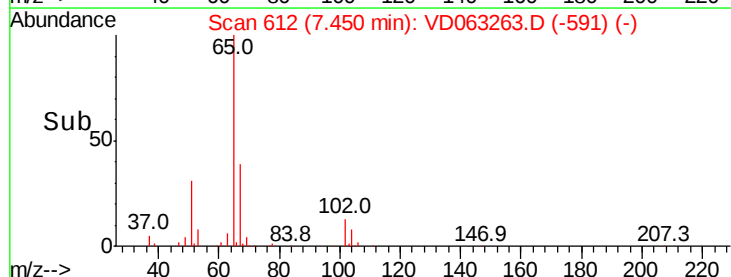
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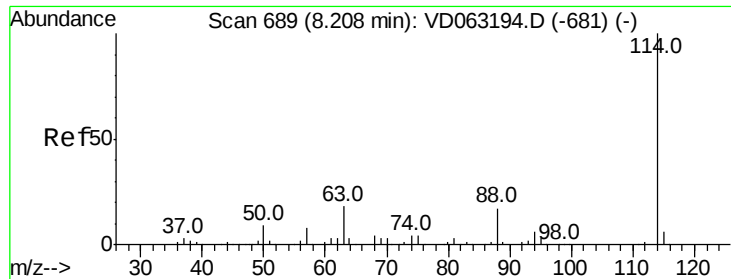
50000

0

Time-->

7.30 7.40 7.50 7.60

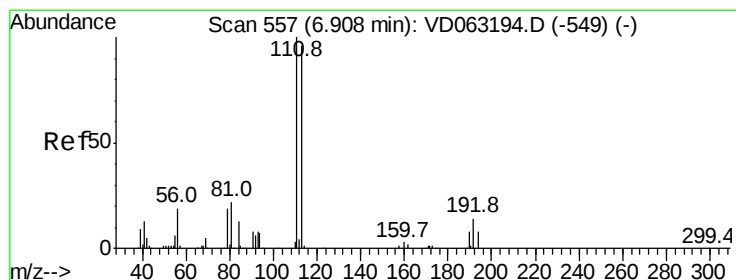
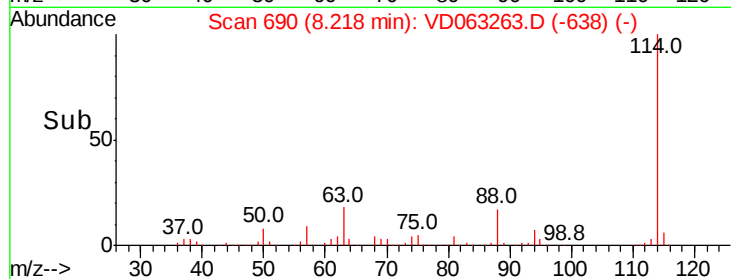
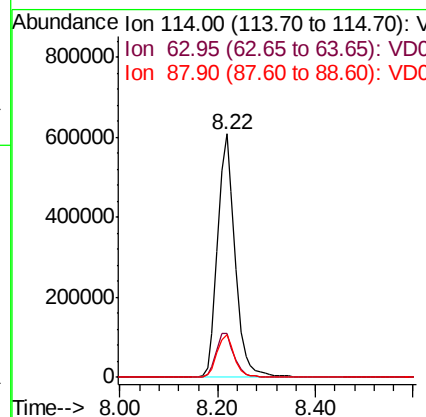
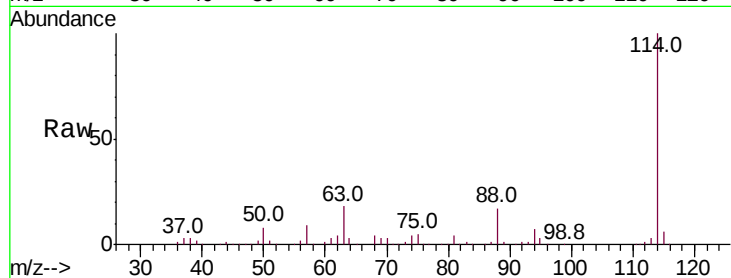




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063263.D
 Acq: 31 Jul 2019 3:22

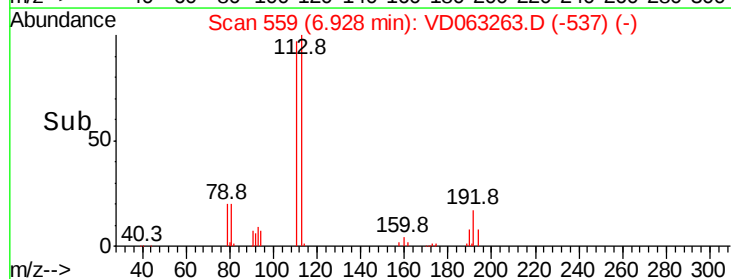
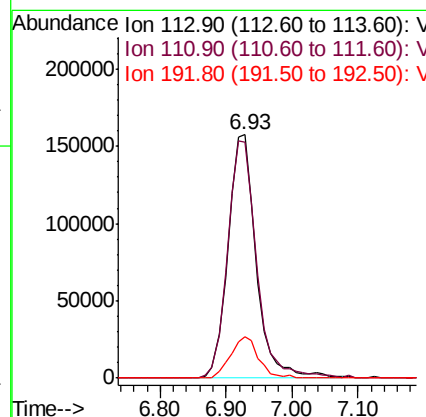
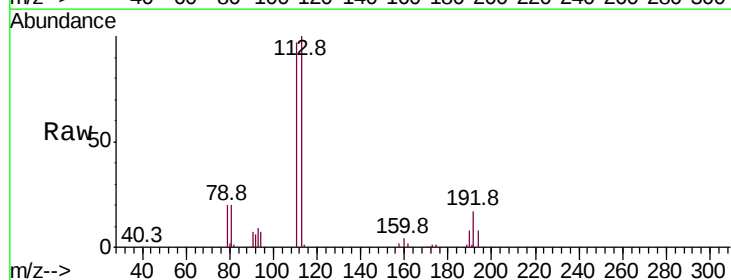
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

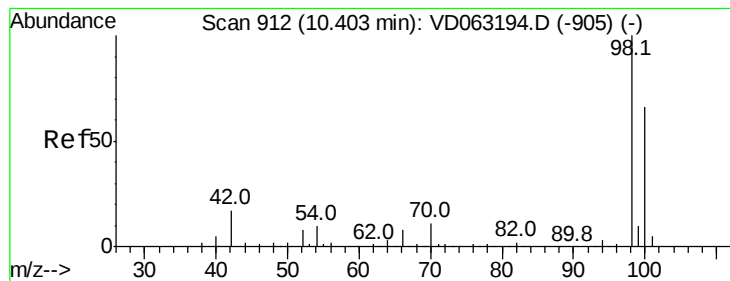
Tot Ion:114 Resp: 1525683
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 17.4 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 36.260 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063263.D
 Acq: 31 Jul 2019 3:22

Tgt Ion:113 Resp: 472320
 Ion Ratio Lower Upper
 113 100
 111 96.7 83.2 124.8
 192 16.9 11.8 17.8





#50

Toluene-d8

Concen: 34.354 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063263.D

Acq: 31 Jul 2019 3:22

Instrument :

MSVOA_D

ClientSampleId :

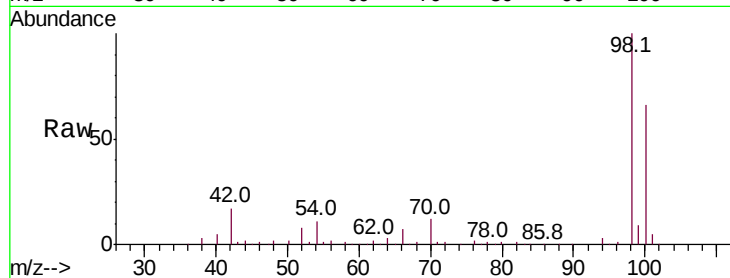
TP-1

Tot Ion: 98 Resp: 1001495

Ion Ratio Lower Upper

98 100

100 65.9 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

400000

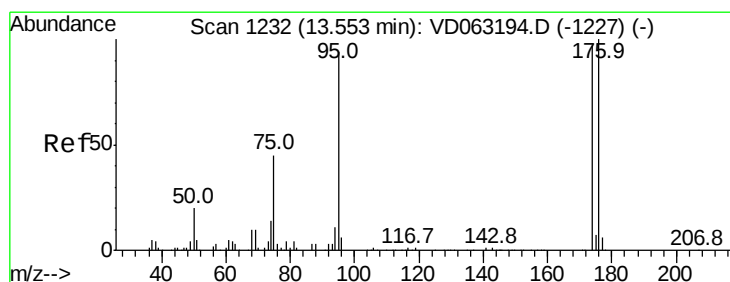
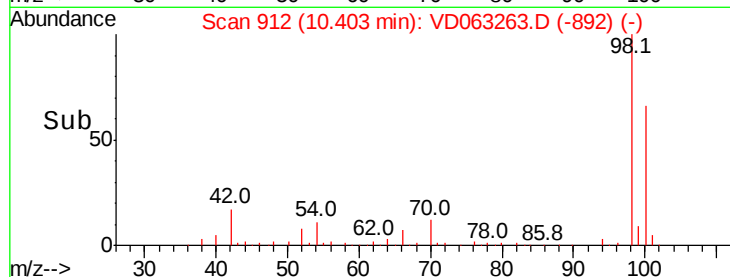
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 32.928 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063263.D

Acq: 31 Jul 2019 3:22

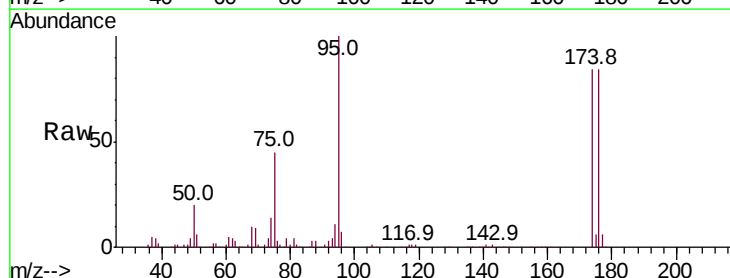
Tgt Ion: 95 Resp: 437431

Ion Ratio Lower Upper

95 100

174 83.8 0.0 205.4

176 83.8 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

400000

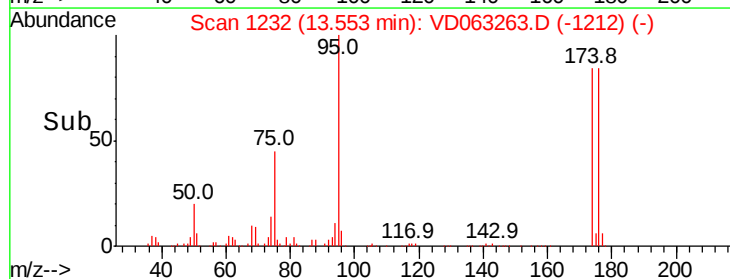
300000

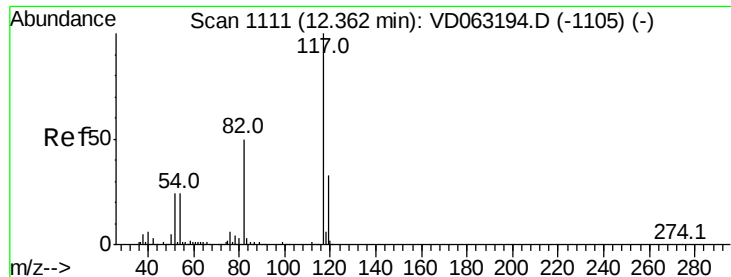
200000

100000

0

Time-->

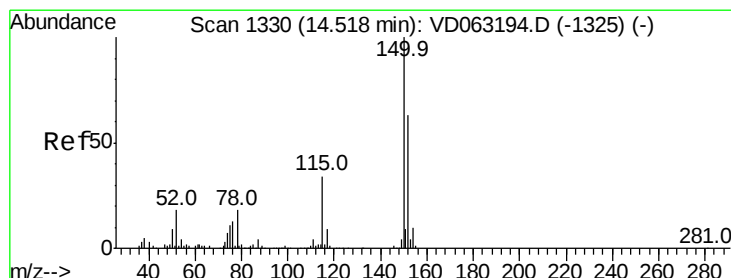
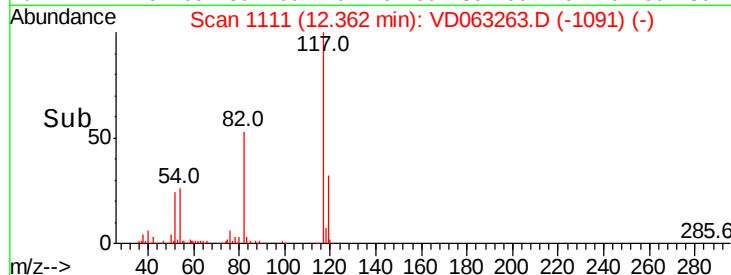
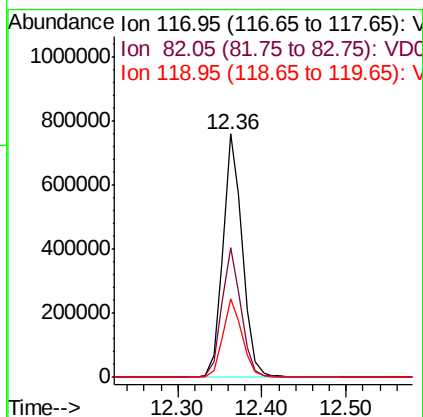
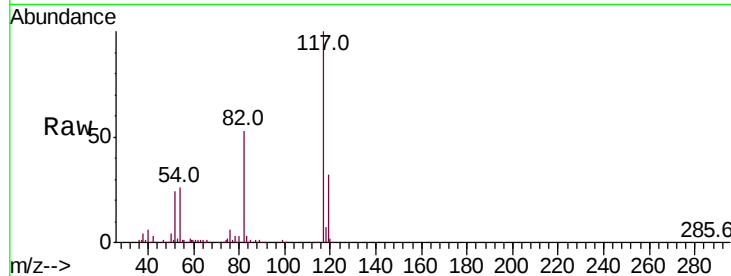




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063263.D
Acq: 31 Jul 2019 3:22

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 1214479
Ion Ratio Lower Upper
117 100
82 53.5 40.1 60.1
119 32.1 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: VD063263.D
Acq: 31 Jul 2019 3:22

Tgt Ion:152 Resp: 570804
Ion Ratio Lower Upper
152 100
115 55.8 27.5 82.4
150 157.7 0.0 320.6

