

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063213.D
 Acq On : 29 Jul 2019 22:35
 Operator : VA/AP
 Sample : VD0729SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBL02

Quant Time: Jul 30 04:15:46 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	1159624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1490390	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1282033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	698452	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	641959	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	6.92	113	724605	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
50) Toluene-d8	10.40	98	1565732	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
62) 4-Bromofluorobenzene	13.55	95	658734	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

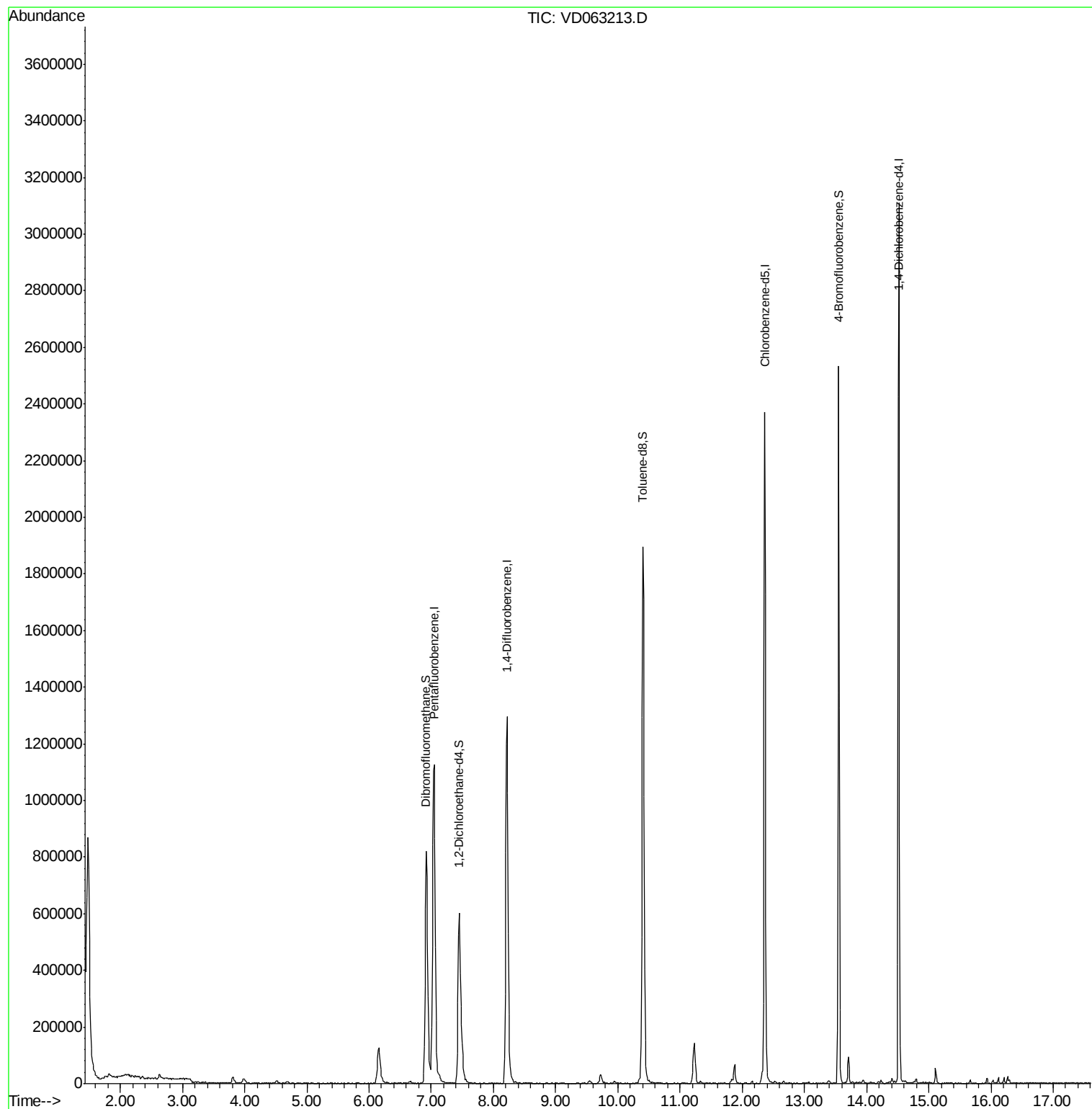
Target Compounds	Qvalue

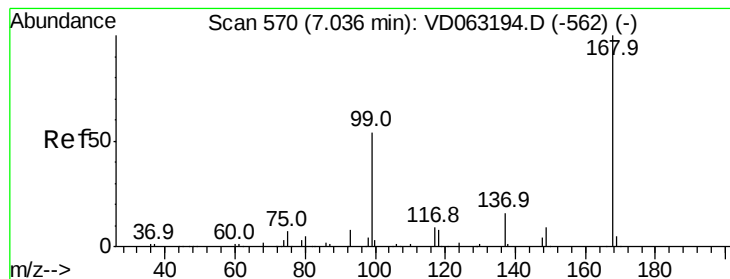
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063213.D

Acq: 29 Jul 2019 22:35

Instrument :

MSVOA_D

ClientSampleId :

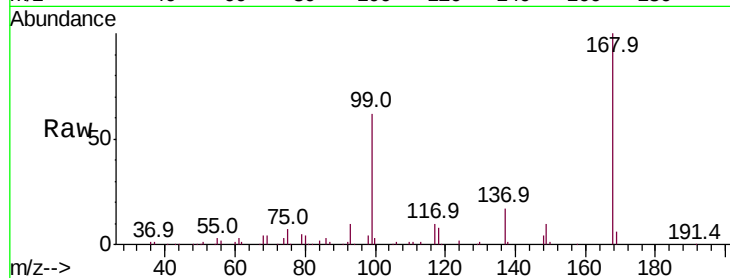
VD0729SBL02

Tot Ion:168 Resp: 1159624

Ion Ratio Lower Upper

168 100

99 61.5 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

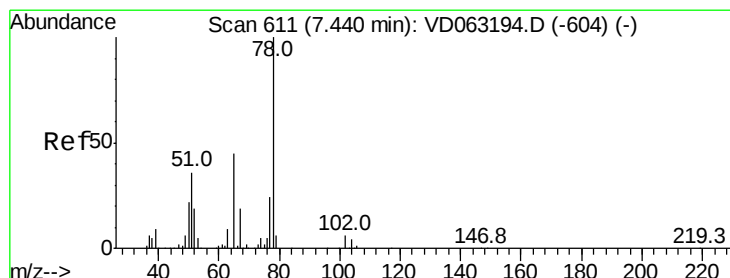
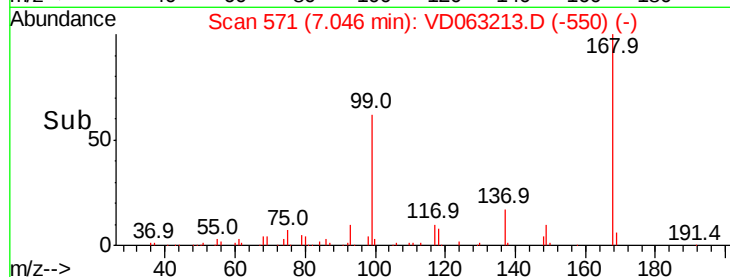
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.891 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063213.D

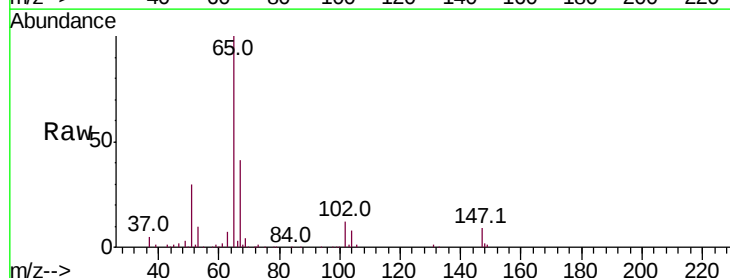
Acq: 29 Jul 2019 22:35

Tgt Ion: 65 Resp: 641959

Ion Ratio Lower Upper

65 100

67 41.3 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

250000

200000

150000

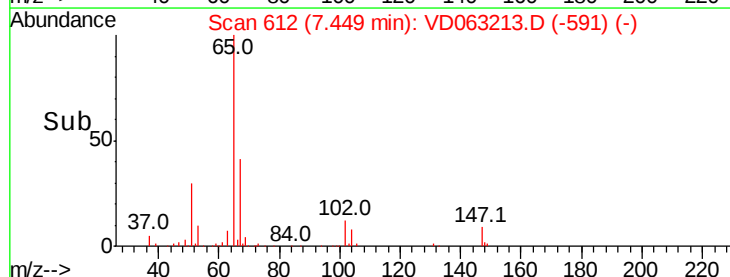
100000

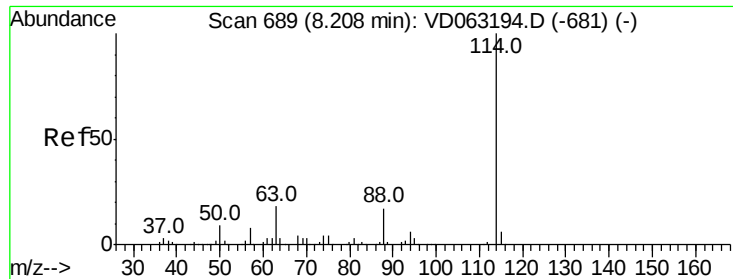
50000

0

7.30 7.40 7.50 7.60

Time-->



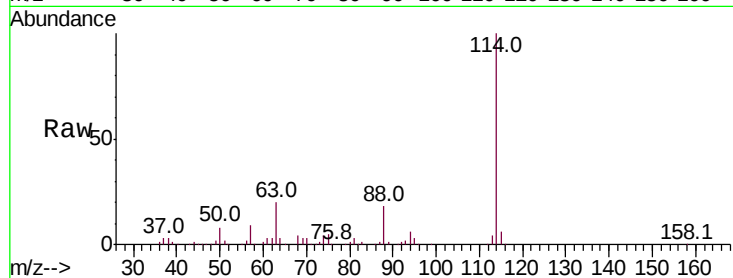


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063213.D
 Acq: 29 Jul 2019 22:35

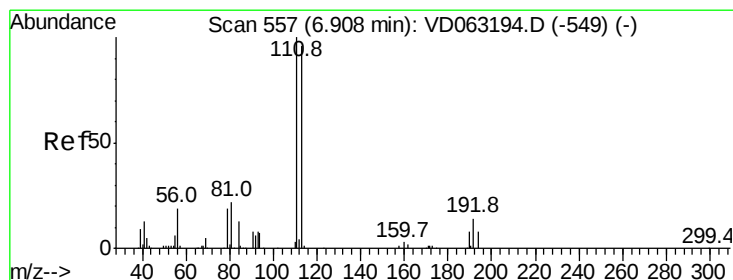
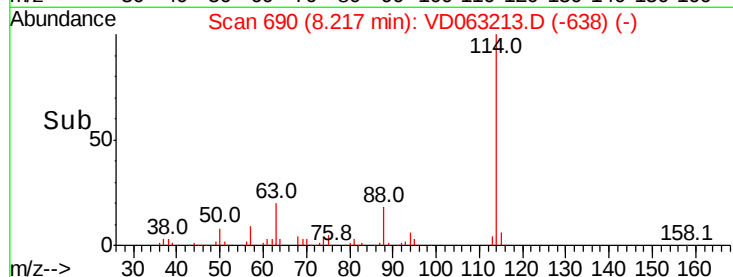
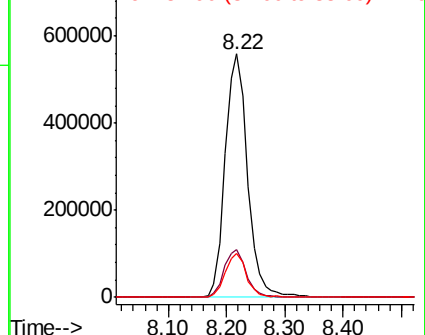
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBL02

Tot Ion:114 Resp: 1490390

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	35.2
88	18.1	0.0	34.6



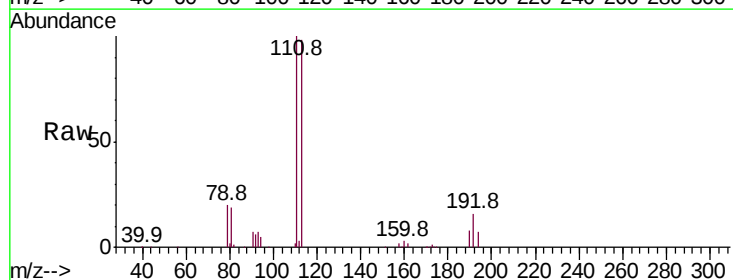
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V



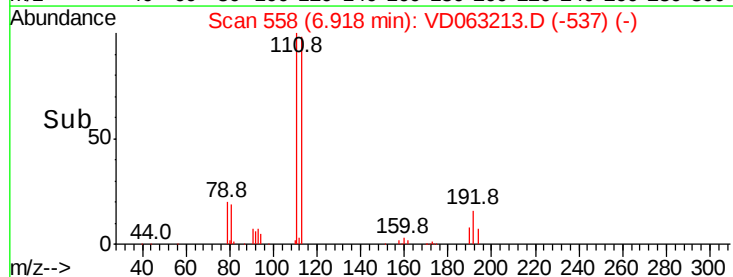
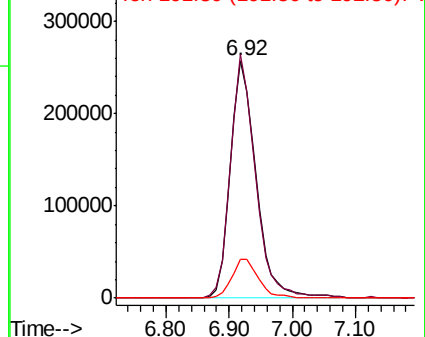
#35
 Dibromofluoromethane
 Concen: 56.944 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063213.D
 Acq: 29 Jul 2019 22:35

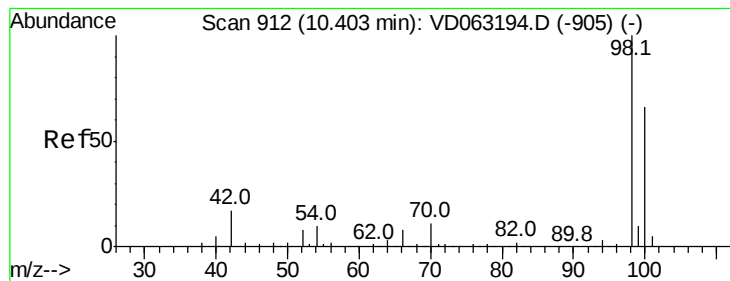
Tgt Ion:113 Resp: 724605

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.2	124.8
192	16.2	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: 54.981 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063213.D

Acq: 29 Jul 2019 22:35

Instrument :

MSVOA_D

ClientSampleId :

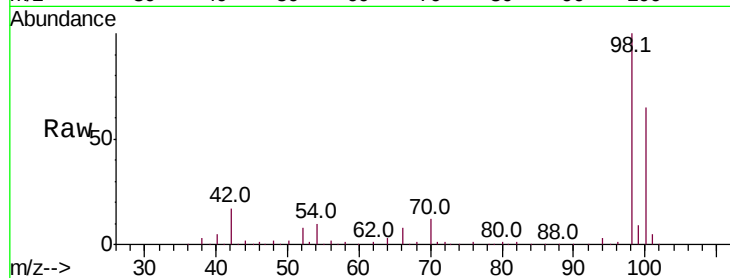
VD0729SBL02

Tot Ion: 98 Resp: 1565732

Ion Ratio Lower Upper

98 100

100 64.8 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VD063213.D (-892) (-)

Ion 100.05 (99.75 to 100.75): VD063213.D (-892) (-)

10.40

800000

600000

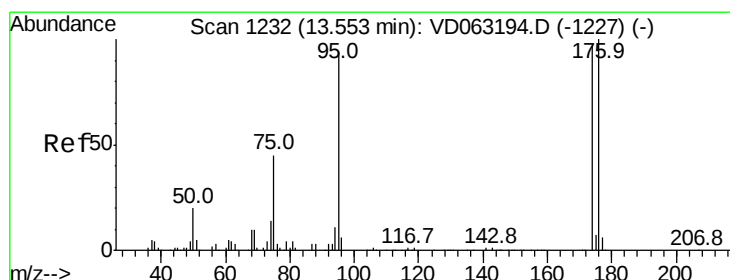
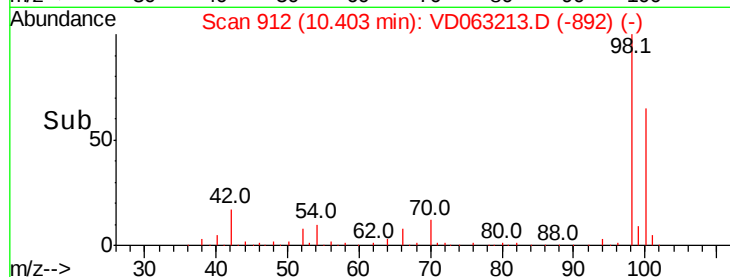
400000

200000

0

10.30 10.40 10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 50.761 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063213.D

Acq: 29 Jul 2019 22:35

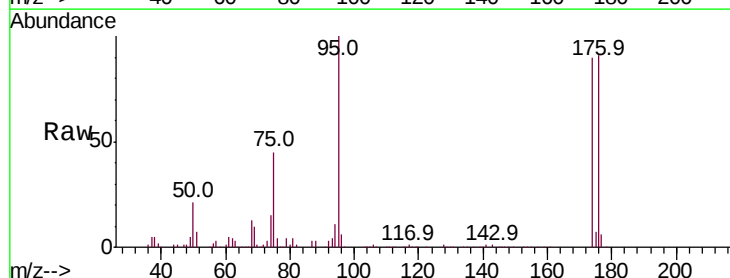
Tgt Ion: 95 Resp: 658734

Ion Ratio Lower Upper

95 100

174 90.1 0.0 205.4

176 91.4 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VD063213.D (-1212) (-)

Ion 173.90 (173.60 to 174.60): VD063213.D (-1212) (-)

Ion 175.90 (175.60 to 176.60): VD063213.D (-1212) (-)

13.55

600000

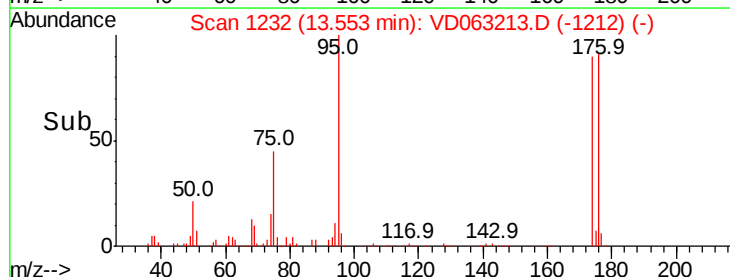
400000

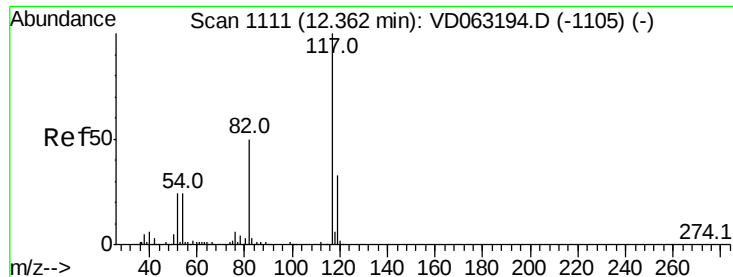
200000

0

13.50 13.60 13.70

Time-->

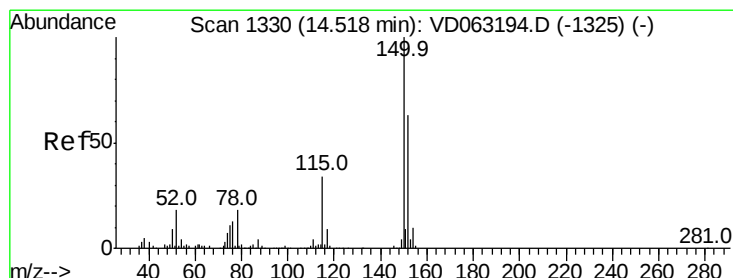
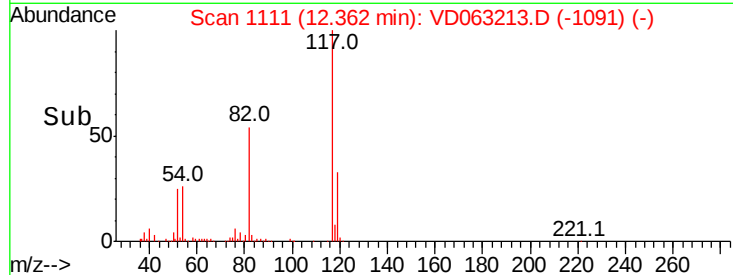
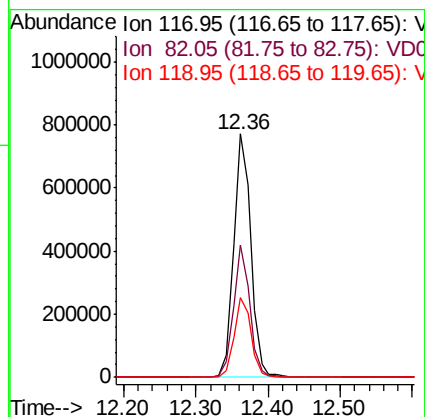
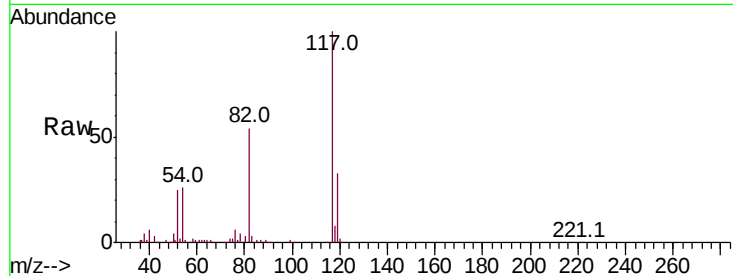




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063213.D
Acq: 29 Jul 2019 22:35

Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL02

Tot Ion:117 Resp: 1282033
Ion Ratio Lower Upper
117 100
82 54.2 40.1 60.1
119 32.9 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: VD063213.D
Acq: 29 Jul 2019 22:35

Tgt Ion:152 Resp: 698452
Ion Ratio Lower Upper
152 100
115 53.1 27.5 82.4
150 152.0 0.0 320.6

