

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063208.D
 Acq On : 29 Jul 2019 19:23
 Operator : VA/AP
 Sample : K4049-01
 Misc : 4.33g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Jul 30 03:54:23 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	7.04	168	707968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	941718	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	679965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	243562	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	477819	60.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.66%	
35) Dibromofluoromethane	6.91	113	547042	68.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.08%	
50) Toluene-d8	10.41	98	1057701	58.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.56%	
62) 4-Bromofluorobenzene	13.55	95	346457	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	

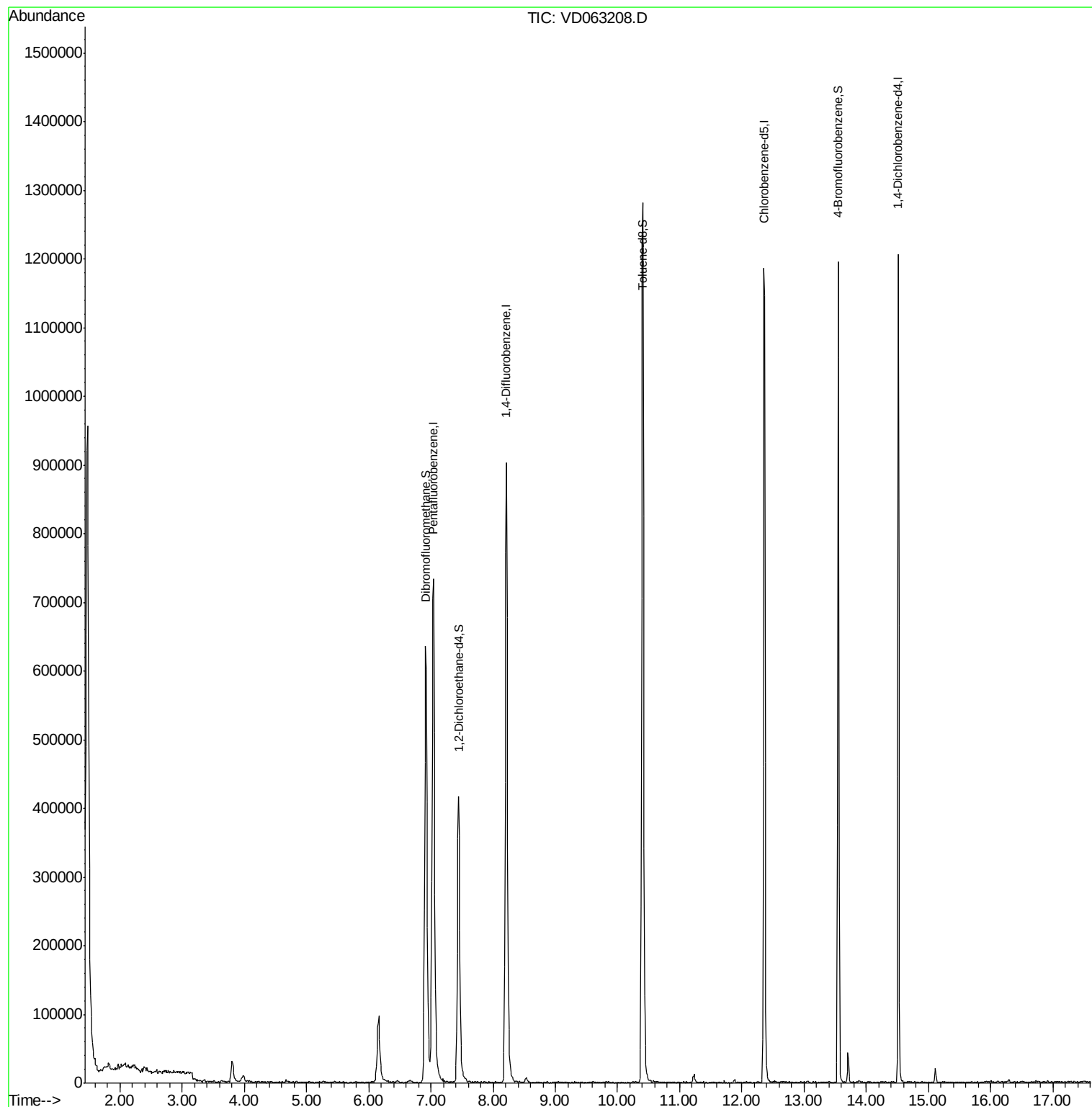
Target Compounds	Qvalue

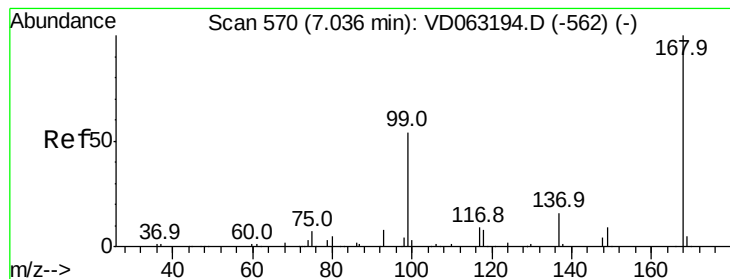
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072919\
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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: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063208.D

Acq: 29 Jul 2019 19:23

Instrument :

MSVOA_D

ClientSampled :

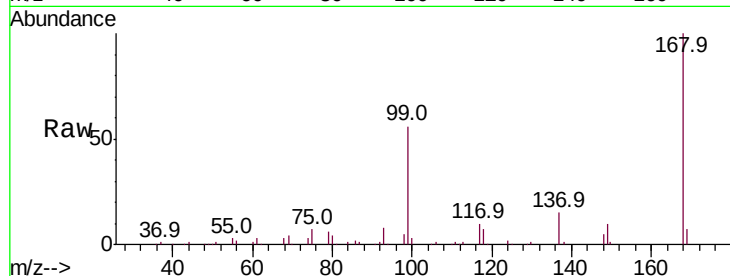
SP-1

Tot Ion:168 Resp: 707968

Ion Ratio Lower Upper

168 100

99 55.6 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

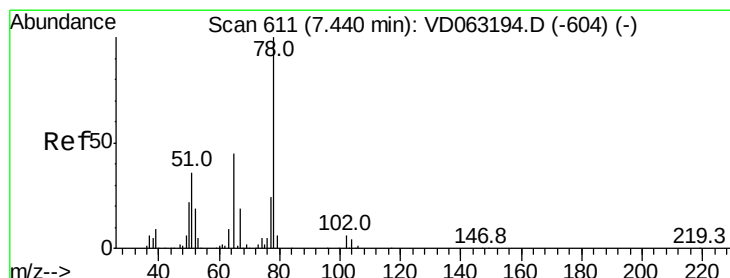
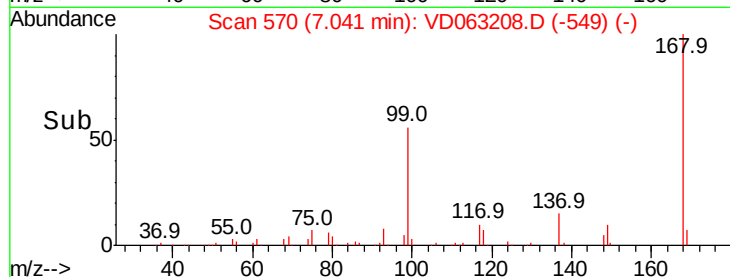
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.825 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063208.D

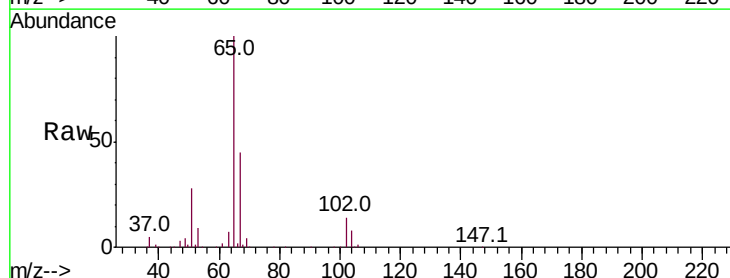
Acq: 29 Jul 2019 19:23

Tgt Ion: 65 Resp: 477819

Ion Ratio Lower Upper

65 100

67 45.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

200000

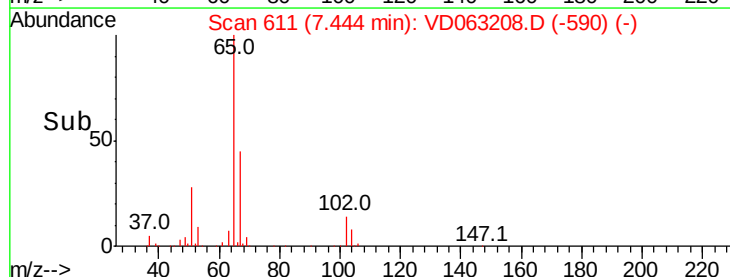
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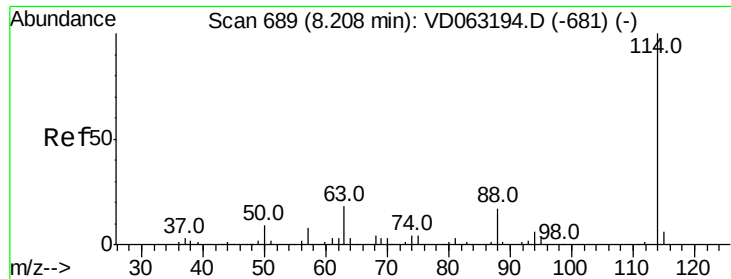
100000

50000

0

Time-->

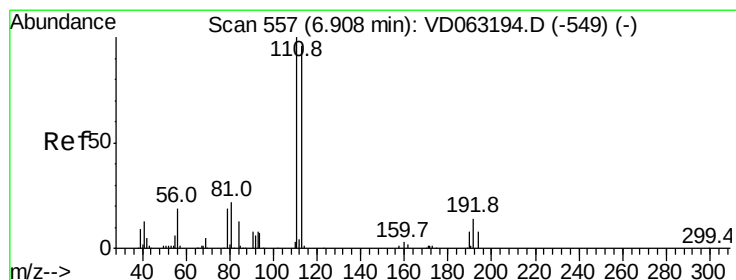
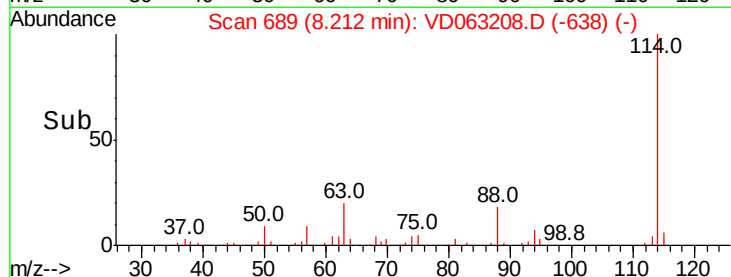
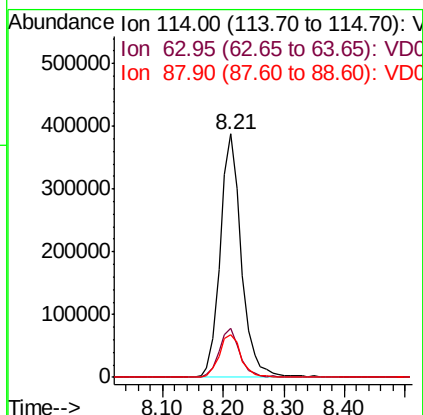
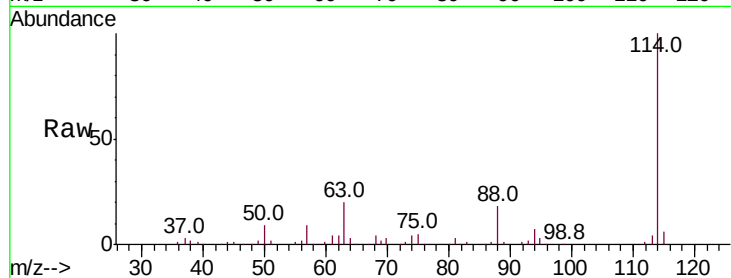




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063208.D
 Acq: 29 Jul 2019 19:23

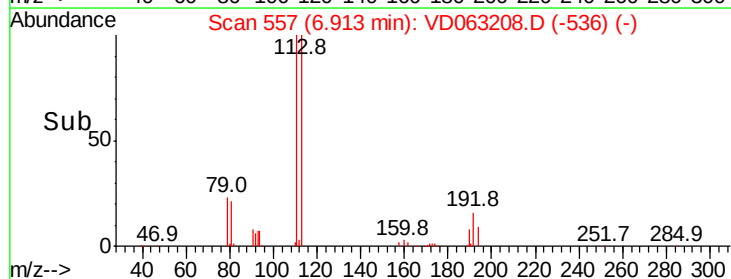
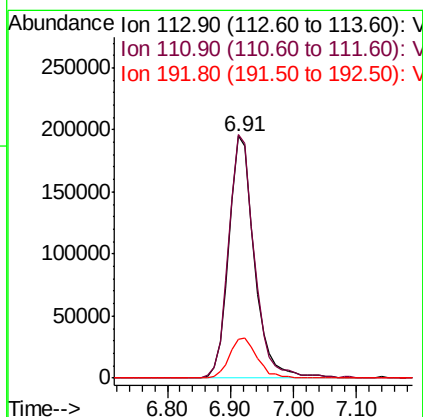
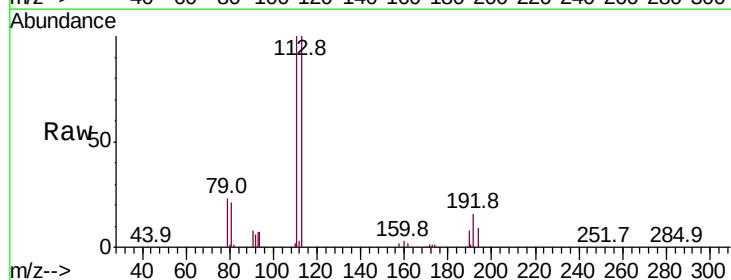
Instrument :
 MSVOA_D
 ClientSampled :
 SP-1

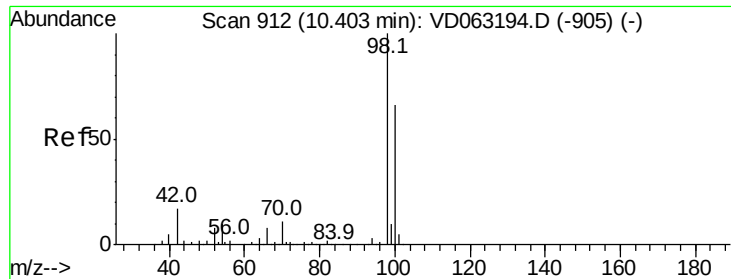
Tot Ion:114 Resp: 941718
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 35.2
 88 17.7 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 68.038 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD063208.D
 Acq: 29 Jul 2019 19:23

Tgt Ion:113 Resp: 547042
 Ion Ratio Lower Upper
 113 100
 111 100.5 83.2 124.8
 192 15.8 11.8 17.8





#50

Toluene-d8

Concen: 58.781 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063208.D

Acq: 29 Jul 2019 19:23

Instrument :

MSVOA_D

ClientSampleId :

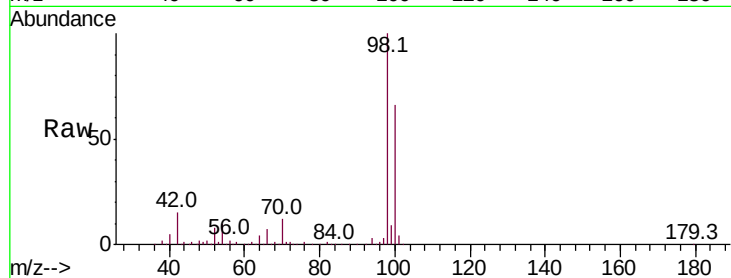
SP-1

Tot Ion: 98 Resp: 1057701

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

500000

400000

300000

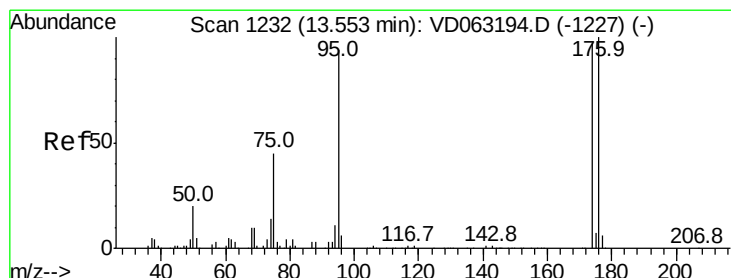
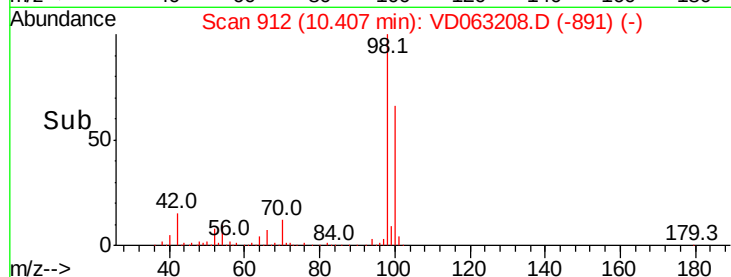
200000

100000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 42.252 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063208.D

Acq: 29 Jul 2019 19:23

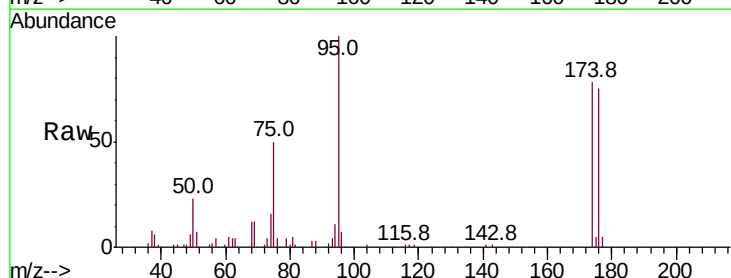
Tgt Ion: 95 Resp: 346457

Ion Ratio Lower Upper

95 100

174 77.7 0.0 205.4

176 74.9 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

300000

250000

200000

150000

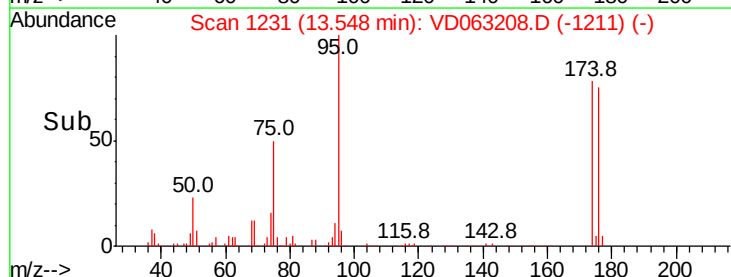
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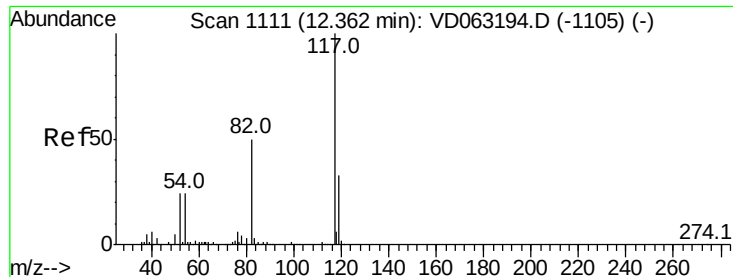
50000

0

Time-->

13.50 13.55 13.60

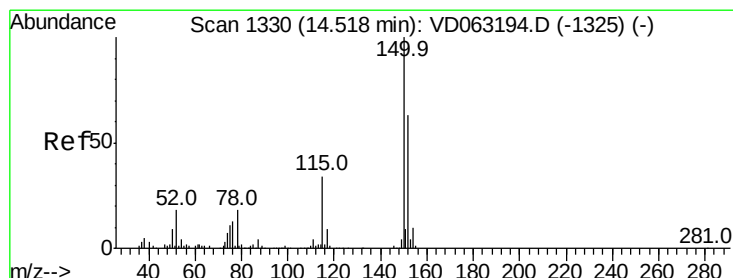
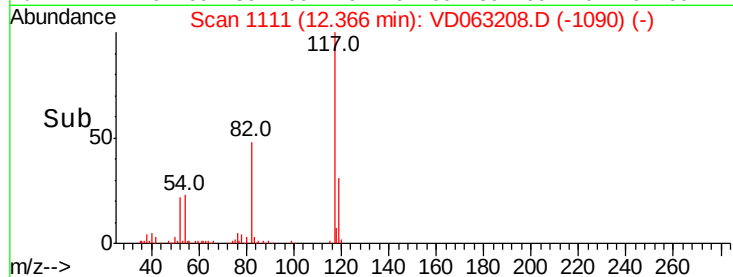
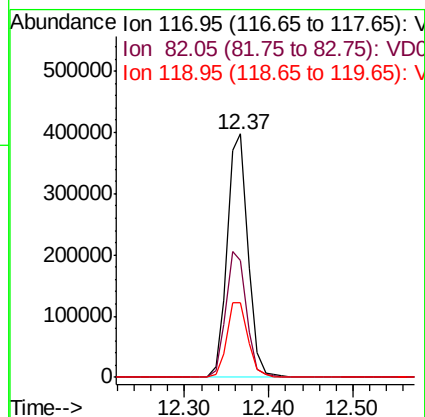
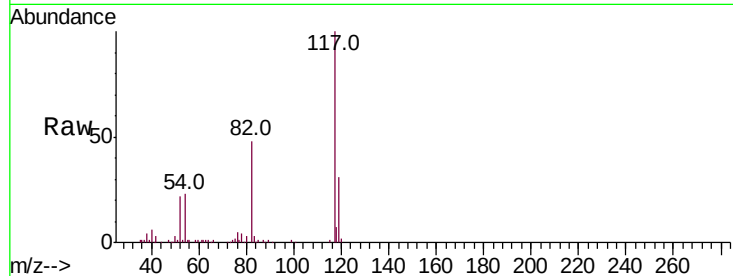




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063208.D
Acq: 29 Jul 2019 19:23

Instrument :
MSVOA_D
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.2	40.1	60.1
119	30.9	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063208.D
Acq: 29 Jul 2019 19:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	27.5	82.4
150	160.5	0.0	320.6

