

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063198.D
 Acq On : 29 Jul 2019 14:43
 Operator : VA/AP
 Sample : VD0729SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBL01

Quant Time: Jul 30 03:27:34 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	1121889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1552828	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1261489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	646556	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	615090	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	6.91	113	671696	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.40	98	1490020	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	13.55	95	590372	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	

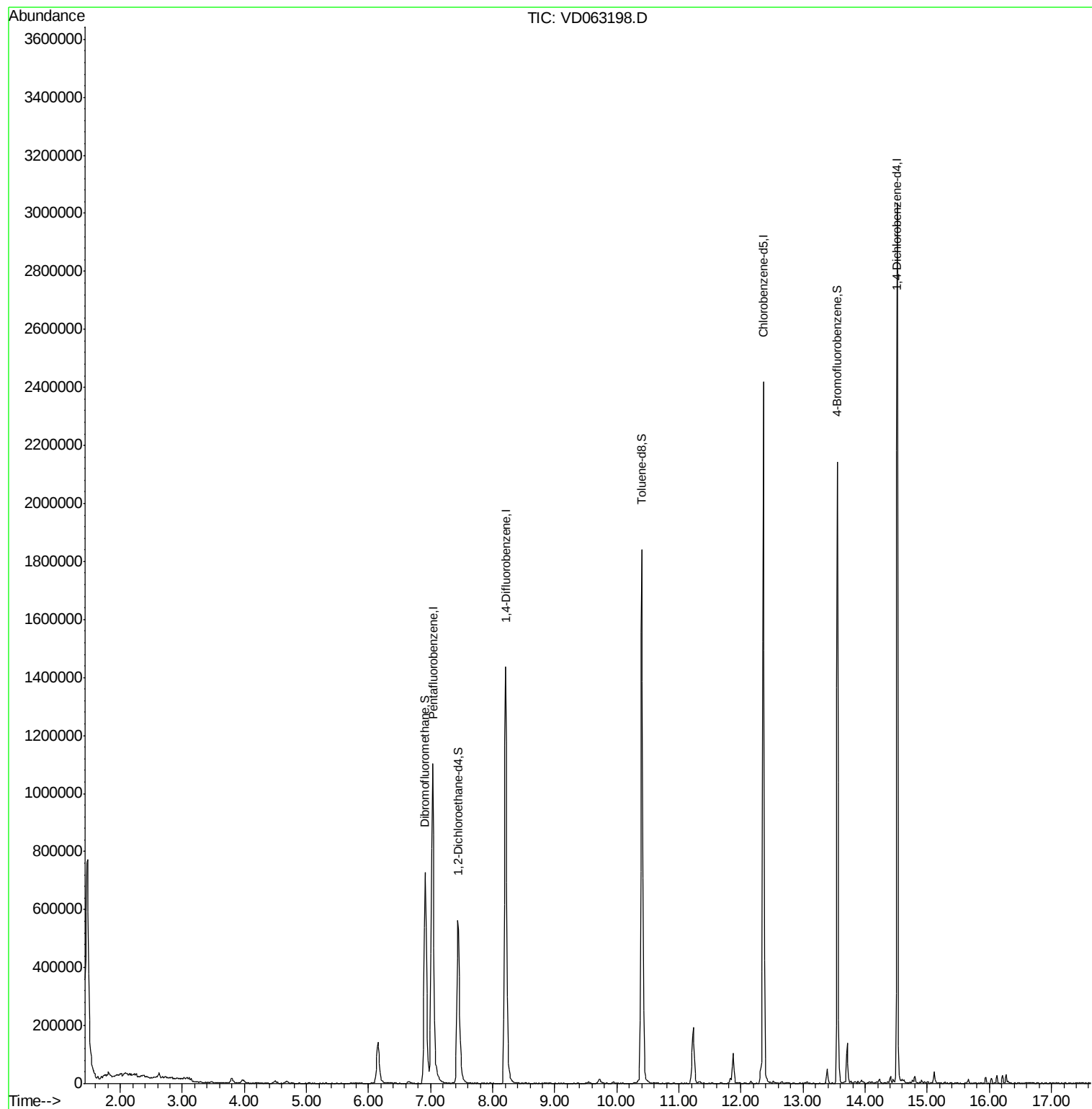
Target Compounds	Qvalue

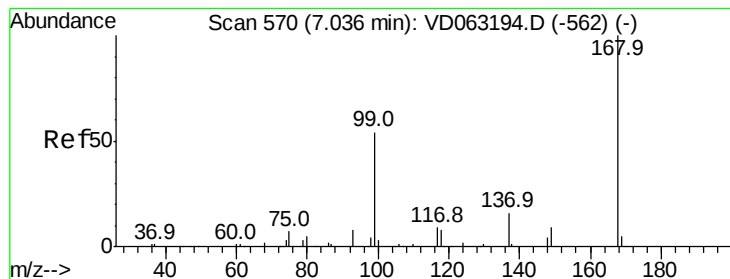
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VD063198.D

Acq: 29 Jul 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

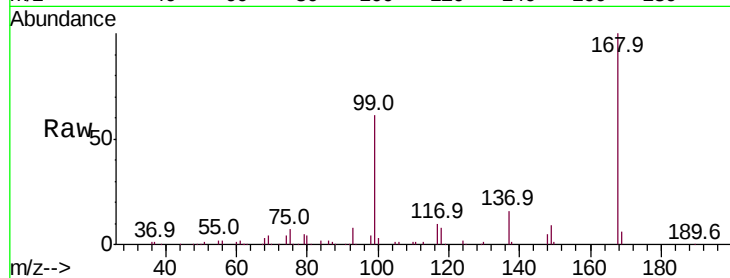
VD0729SBL01

Tot Ion:168 Resp: 1121889

Ion Ratio Lower Upper

168 100

99 60.7 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

400000

300000

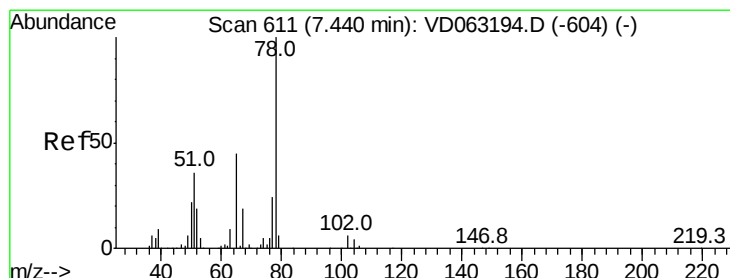
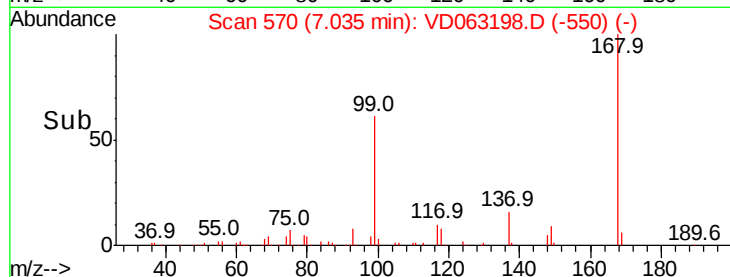
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.411 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063198.D

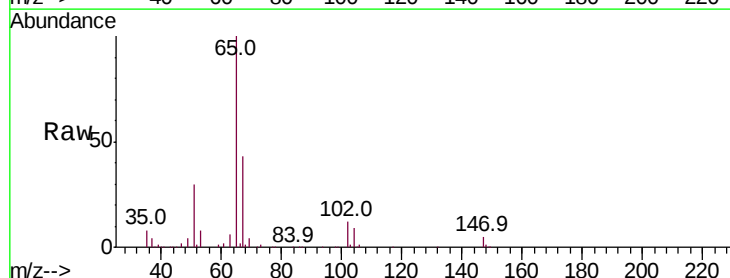
Acq: 29 Jul 2019 14:43

Tgt Ion: 65 Resp: 615090

Ion Ratio Lower Upper

65 100

67 42.9 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

250000

200000

150000

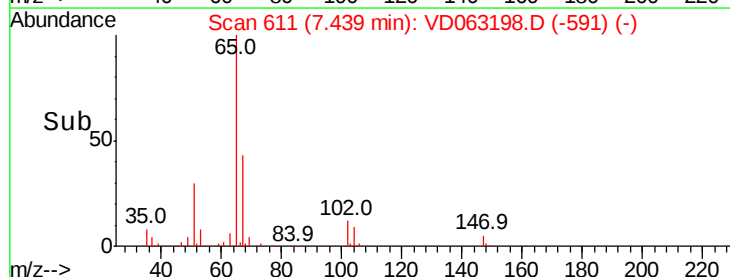
100000

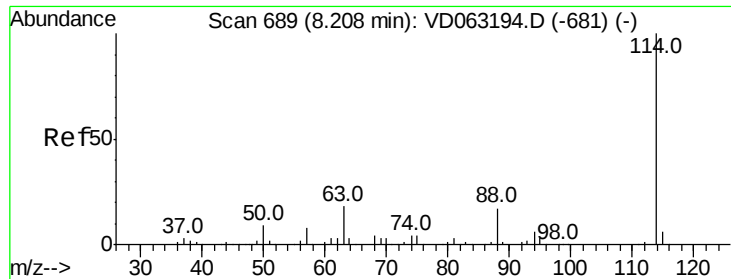
50000

0

7.30 7.40 7.50 7.60

Time-->



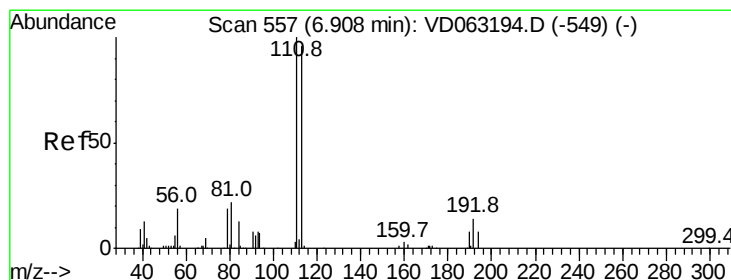
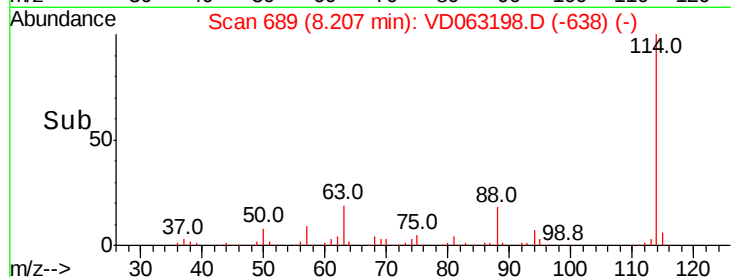
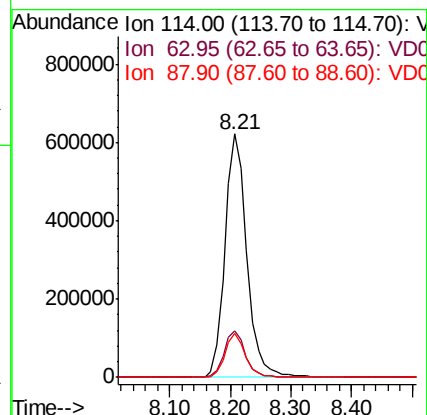
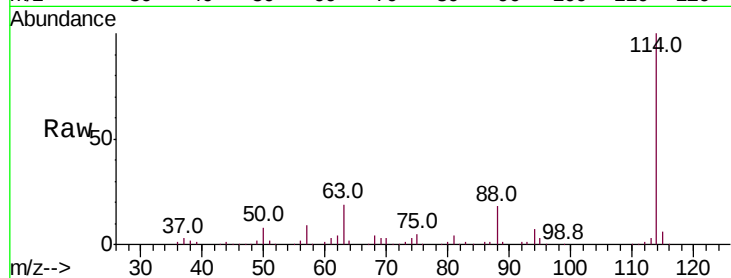


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063198.D
 Acq: 29 Jul 2019 14:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBL01

Tot Ion:114 Resp: 1552828

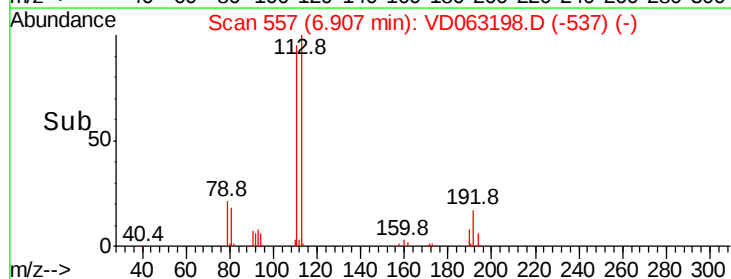
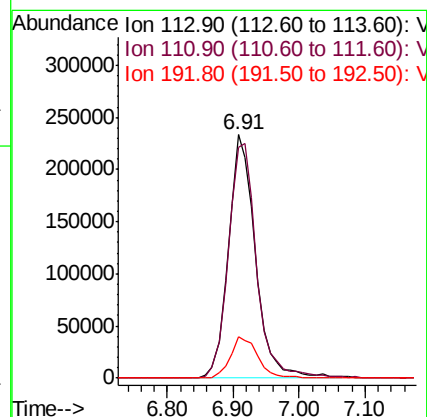
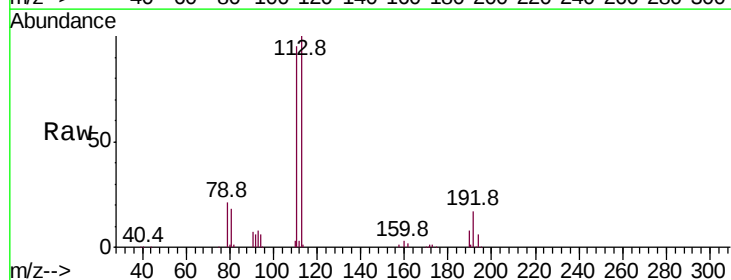
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	35.2
88	18.2	0.0	34.6

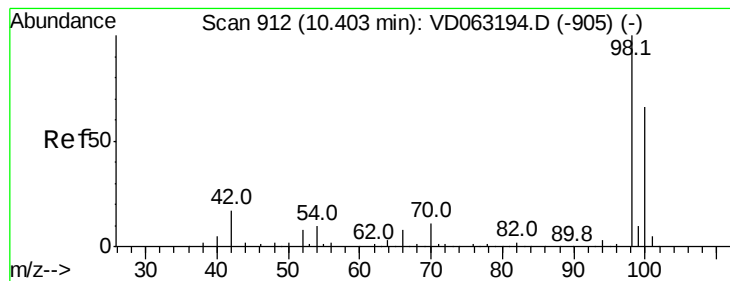


#35
 Dibromofluoromethane
 Concen: 50.664 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063198.D
 Acq: 29 Jul 2019 14:43

Tgt Ion:113 Resp: 671696

Ion	Ratio	Lower	Upper
113	100		
111	95.0	83.2	124.8
192	16.7	11.8	17.8





#50

Toluene-d8

Concen: 50.218 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063198.D

Acq: 29 Jul 2019 14:43

Instrument :

MSVOA_D

ClientSampleId :

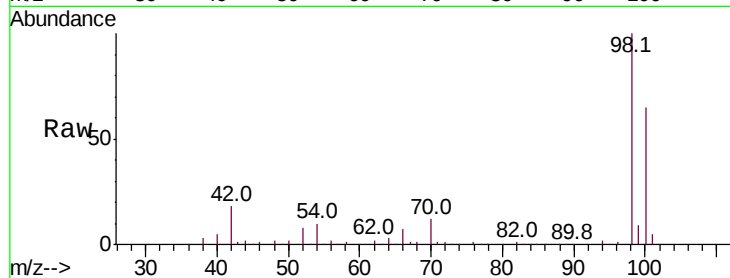
VD0729SBL01

Tot Ion: 98 Resp: 1490020

Ion Ratio Lower Upper

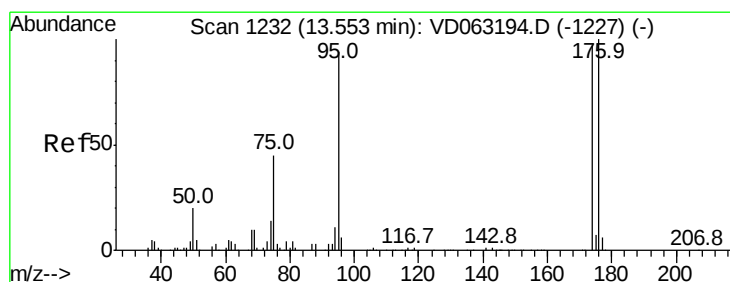
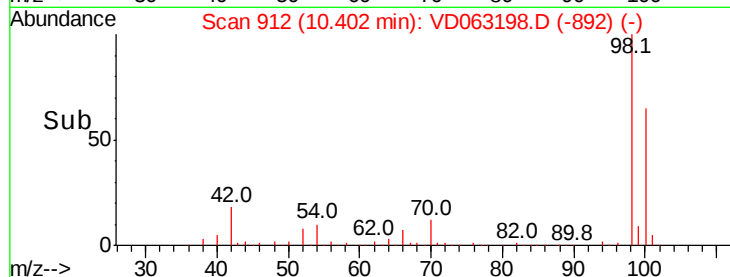
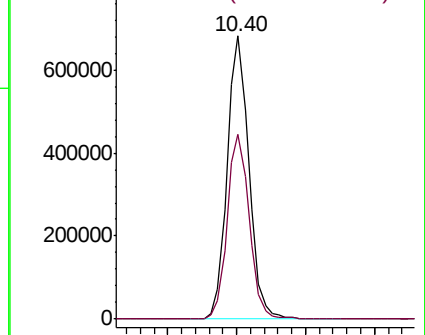
98 100

100 65.1 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 43.664 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063198.D

Acq: 29 Jul 2019 14:43

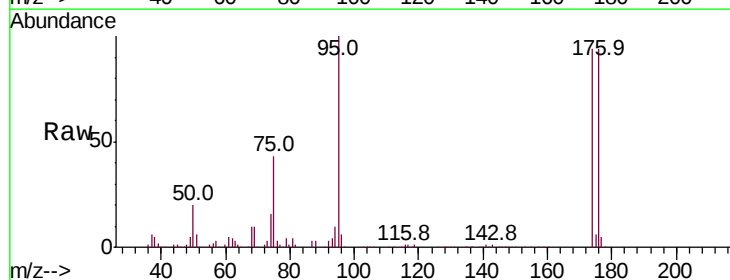
Tgt Ion: 95 Resp: 590372

Ion Ratio Lower Upper

95 100

174 94.1 0.0 205.4

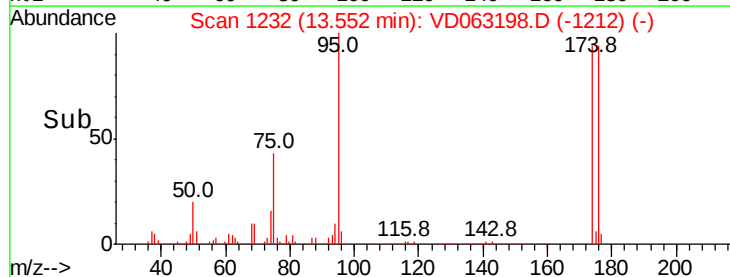
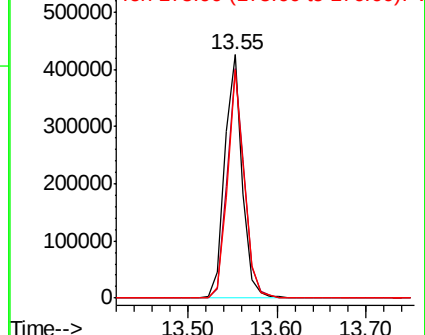
176 93.9 0.0 211.8

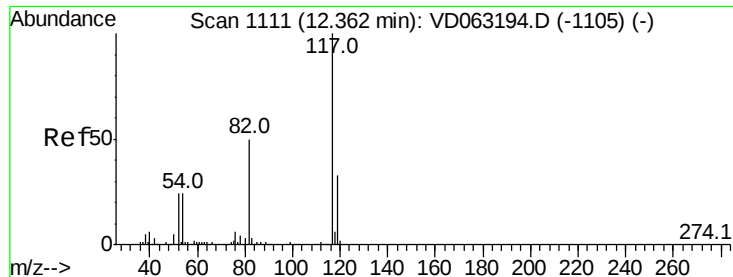


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

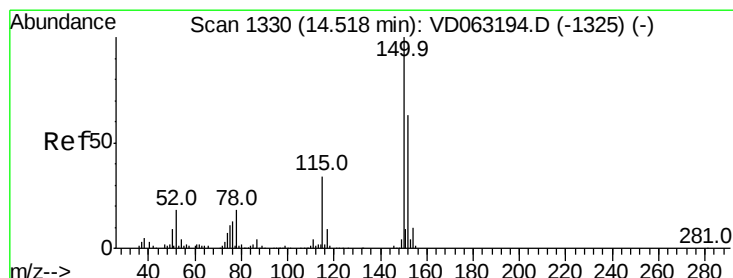
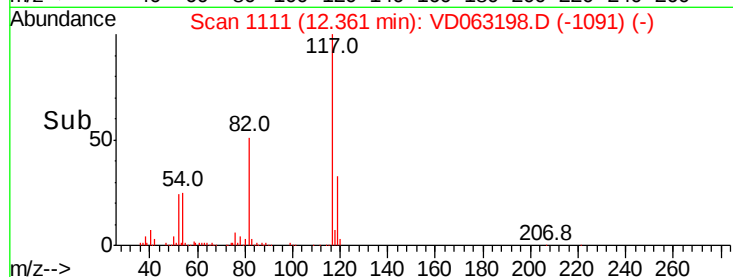
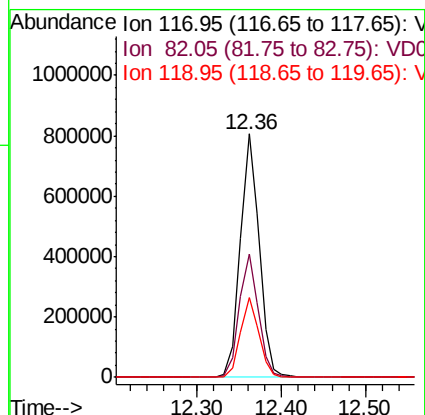
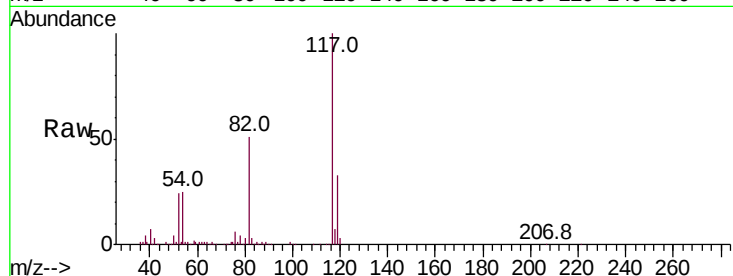




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063198.D
Acq: 29 Jul 2019 14:43

Instrument :
MSVOA_D
ClientSampleId :
VD0729SBL01

Tot Ion:117 Resp: 1261489
Ion Ratio Lower Upper
117 100
82 50.5 40.1 60.1
119 33.0 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: VD063198.D
Acq: 29 Jul 2019 14:43

Tgt Ion:152 Resp: 646556
Ion Ratio Lower Upper
152 100
115 55.5 27.5 82.4
150 153.1 0.0 320.6

