

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063091.D
 Acq On : 15 Jul 2019 20:05
 Operator : VA/AP
 Sample : K3768-25
 Misc : 6.01g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Jul 16 08:47:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	618668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	817157	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	697297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	346172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	444166	57.63	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.26%	
35) Dibromofluoromethane	6.91	113	476103	58.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.00%	
50) Toluene-d8	10.40	98	850253	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	13.55	95	372174	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	

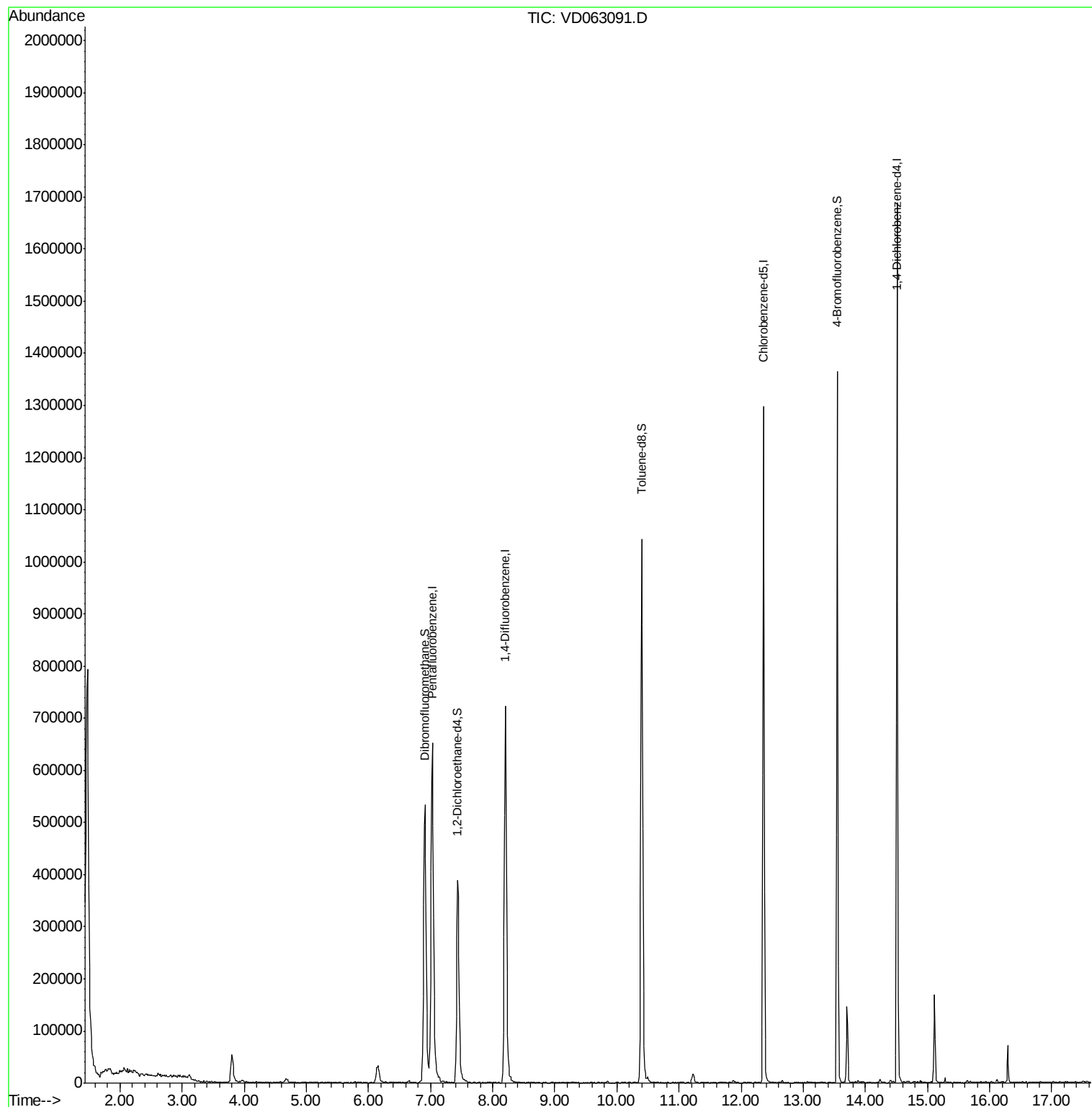
Target Compounds	Qvalue
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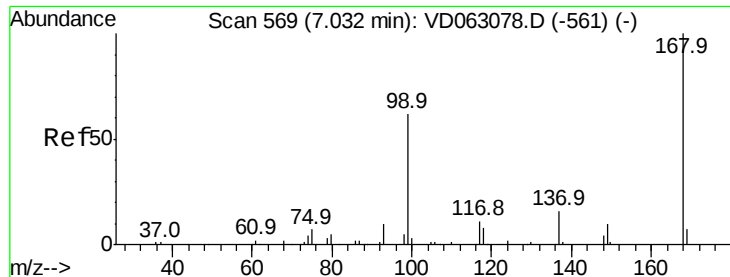
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD063091.D

Acq: 15 Jul 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

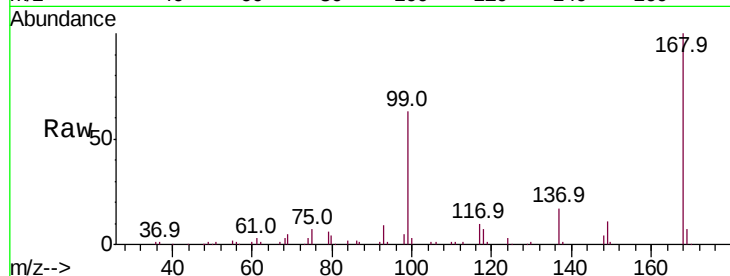
TP-4

Tot Ion:168 Resp: 618668

Ion Ratio Lower Upper

168 100

99 63.1 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

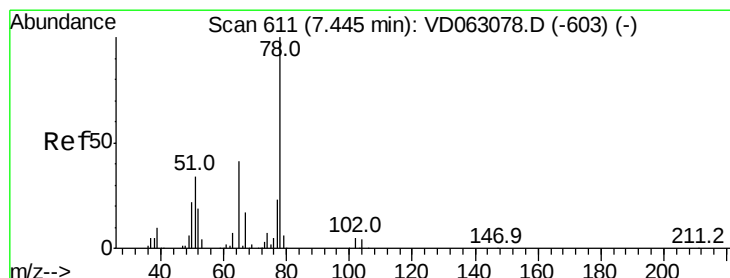
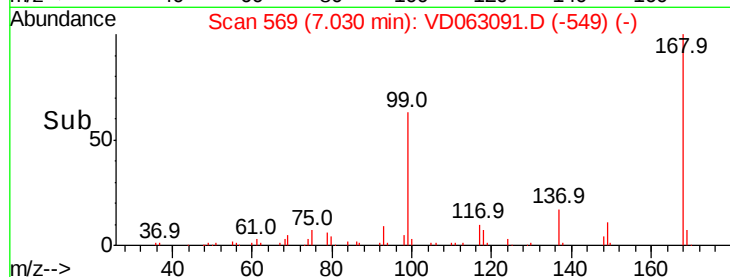
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 57.634 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD063091.D

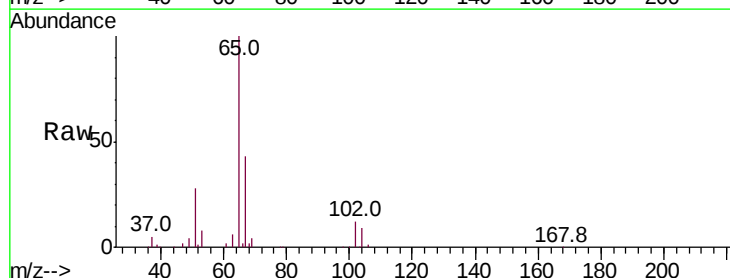
Acq: 15 Jul 2019 20:05

Tgt Ion: 65 Resp: 444166

Ion Ratio Lower Upper

65 100

67 43.1 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

200000

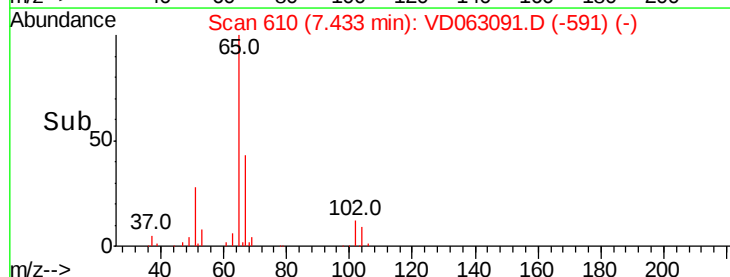
150000

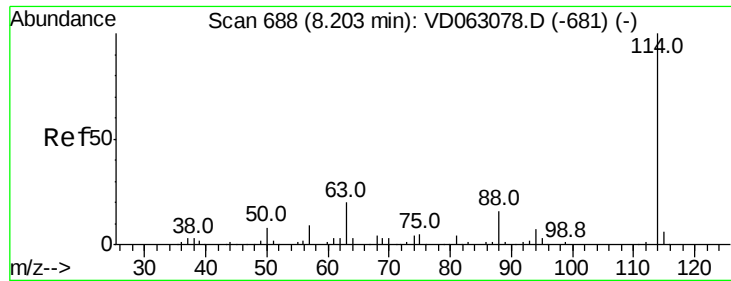
100000

50000

0

Time--> 7.30 7.40 7.50 7.60

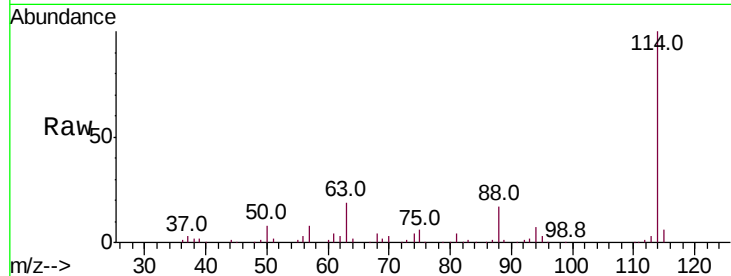




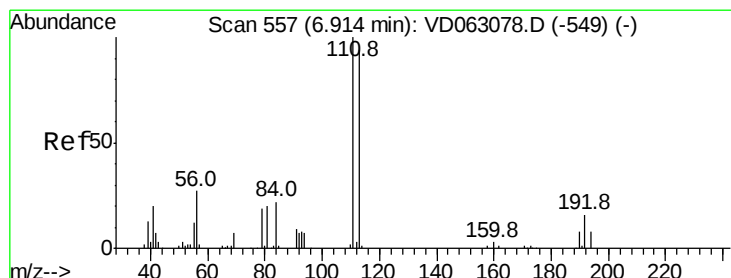
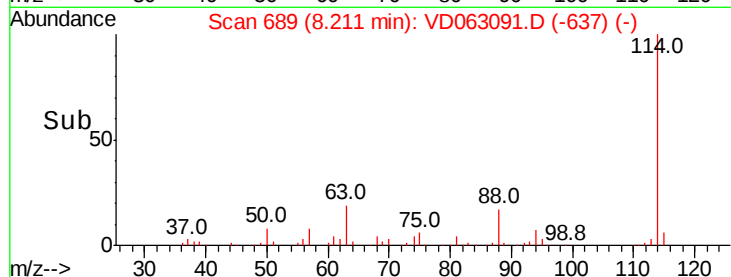
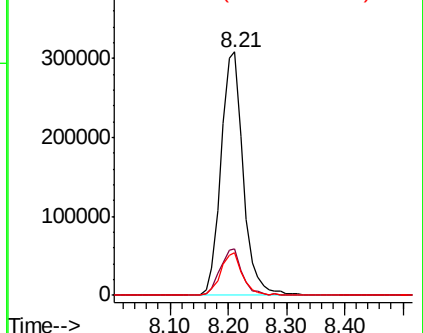
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Tot Ion:114 Resp: 817157
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.6
 88 17.4 0.0 32.6

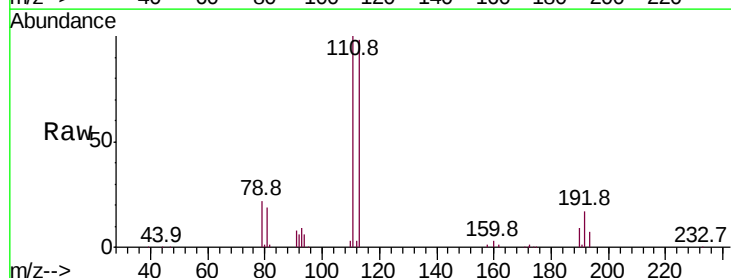


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

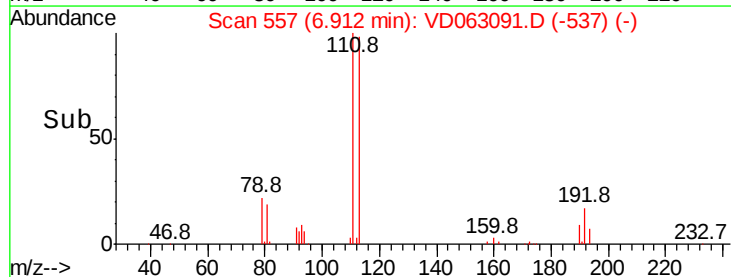
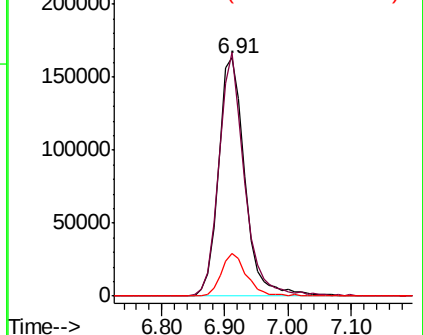


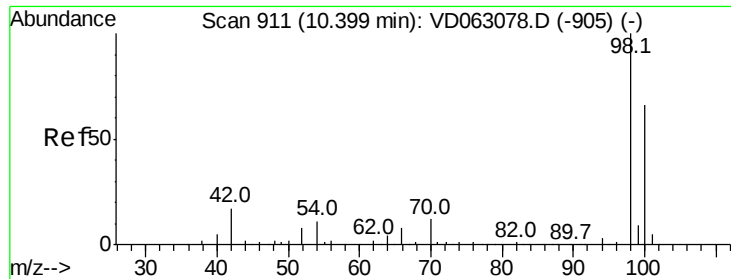
#35
 Dibromofluoromethane
 Concen: 58.496 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063091.D
 Acq: 15 Jul 2019 20:05

Tgt Ion:113 Resp: 476103
 Ion Ratio Lower Upper
 113 100
 111 102.2 84.8 127.2
 192 17.8 13.4 20.0



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: 48.634 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD063091.D

Acq: 15 Jul 2019 20:05

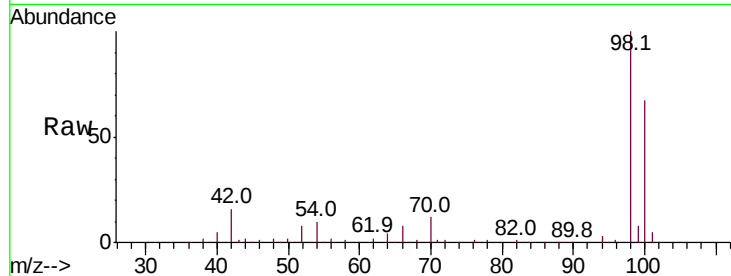
Instrument :
MSVOA_D
ClientSampled :
TP-4

Tot Ion: 98 Resp: 850253

Ion Ratio Lower Upper

98 100

100 66.5 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063078.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063078.D (-905) (-)

10.40

400000

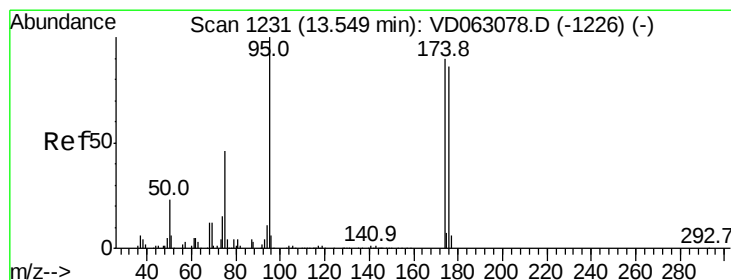
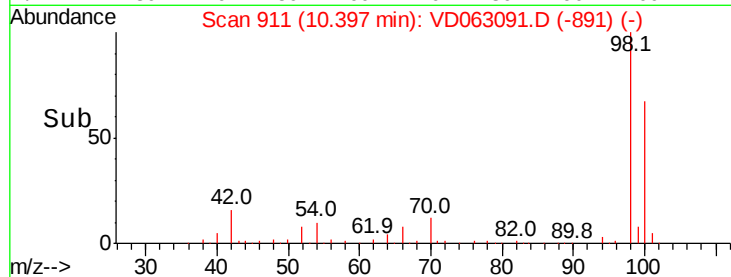
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.015 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063091.D

Acq: 15 Jul 2019 20:05

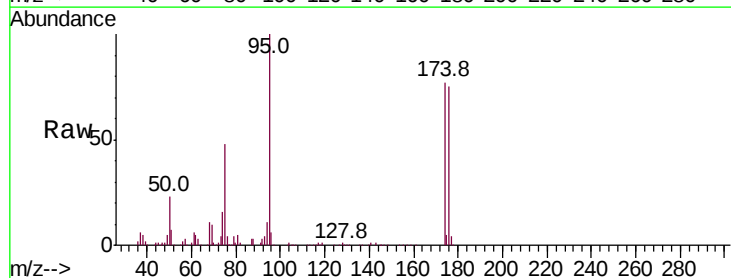
Tgt Ion: 95 Resp: 372174

Ion Ratio Lower Upper

95 100

174 77.3 0.0 180.6

176 74.7 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VD063078.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD063078.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD063078.D (-1226) (-)

13.55

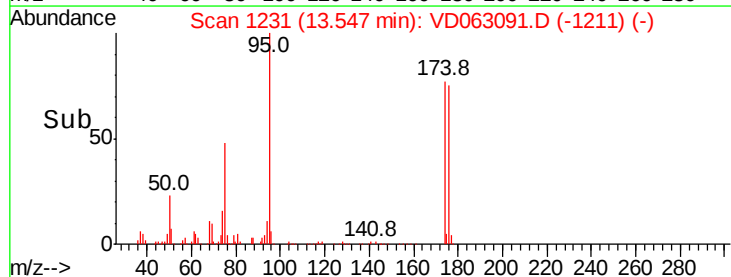
300000

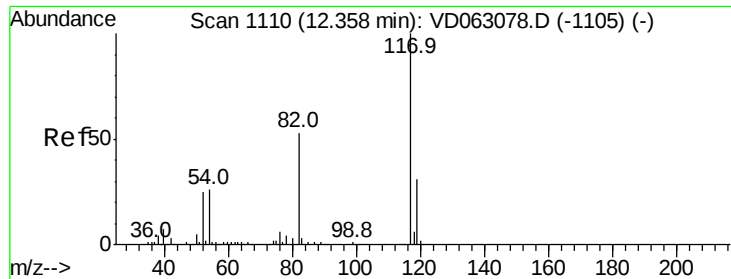
200000

100000

0

Time-->

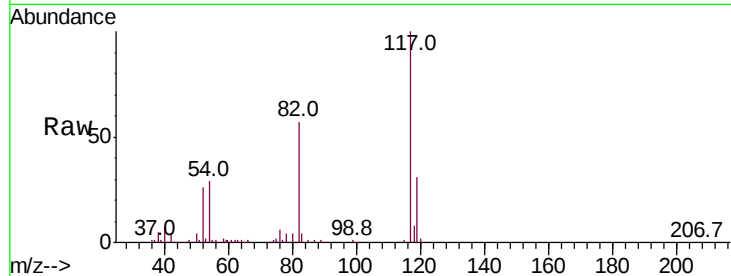




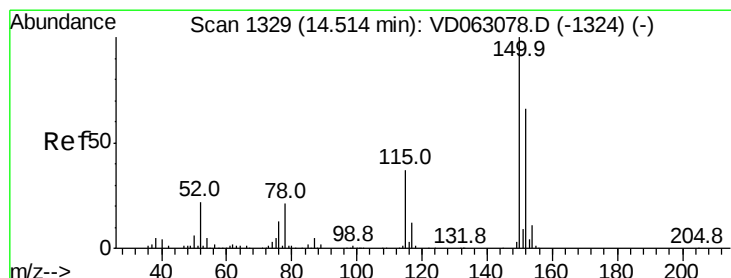
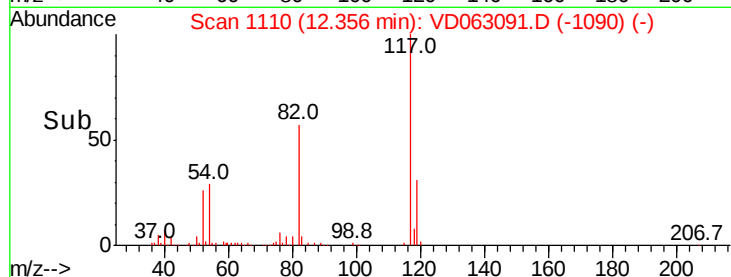
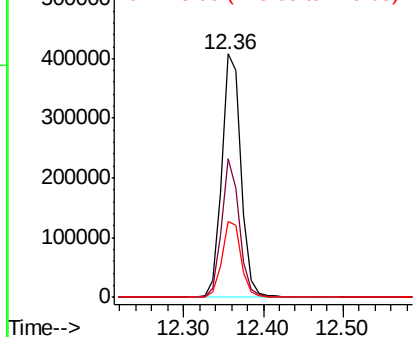
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063091.D
Acq: 15 Jul 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	42.3	63.5
119	31.1	25.2	37.8

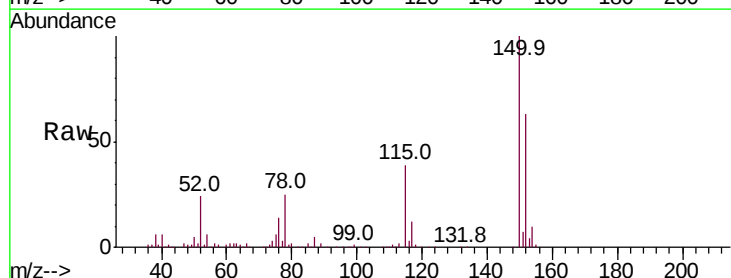


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063091.D
Acq: 15 Jul 2019 20:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	28.9	86.8
150	158.6	0.0	313.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

