

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063141.D
 Acq On : 17 Jul 2019 19:46
 Operator : VA/AP
 Sample : K3835-02
 Misc : 5.92g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(7-9)

Quant Time: Jul 18 08:05:03 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	7.04	168	824860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1186289	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1089919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	578169	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	485661	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	6.92	113	522120	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
50) Toluene-d8	10.41	98	1076777	42.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.86%	
62) 4-Bromofluorobenzene	13.55	95	498546	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	

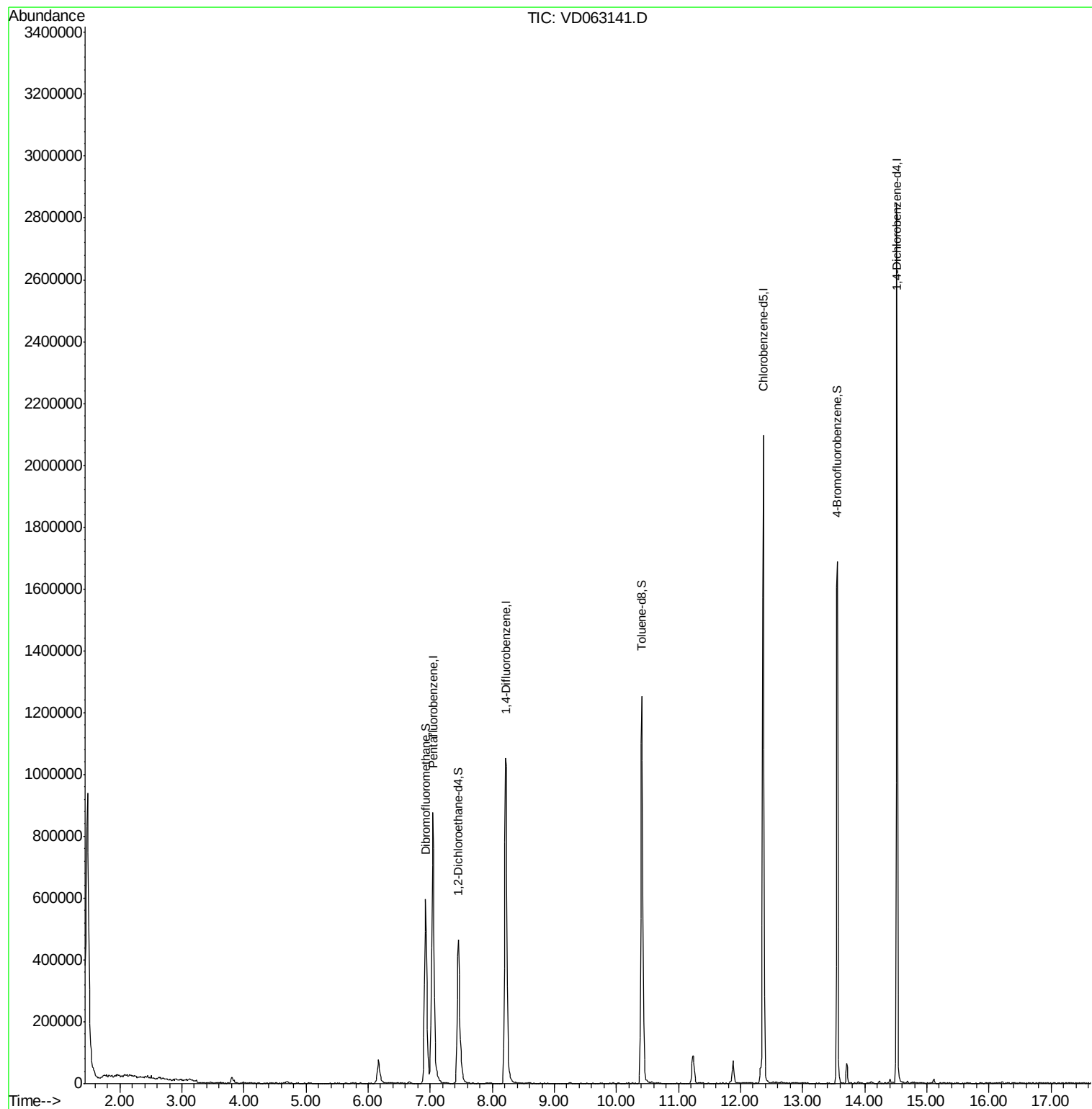
Target Compounds	Qvalue

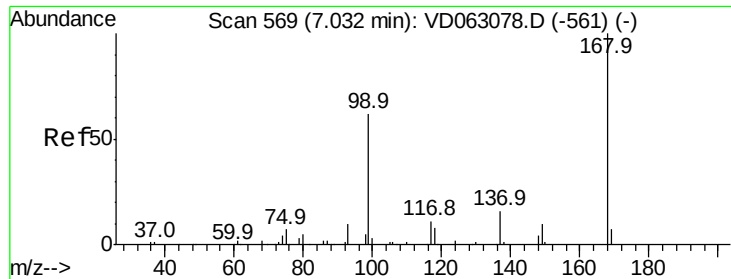
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063141.D

Acq: 17 Jul 2019 19:46

Instrument :

MSVOA_D

ClientSampleId :

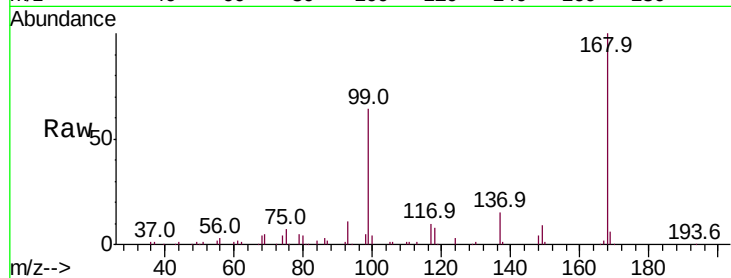
SB-1(7-9)

Tot Ion:168 Resp: 824860

Ion Ratio Lower Upper

168 100

99 64.0 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

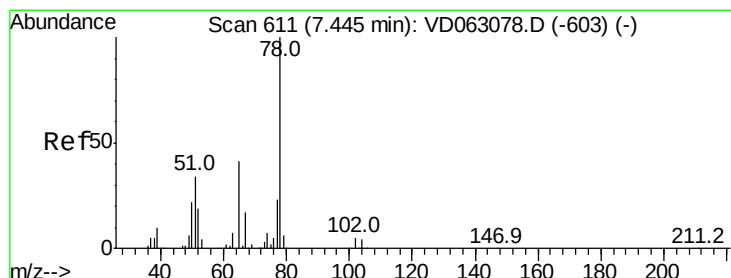
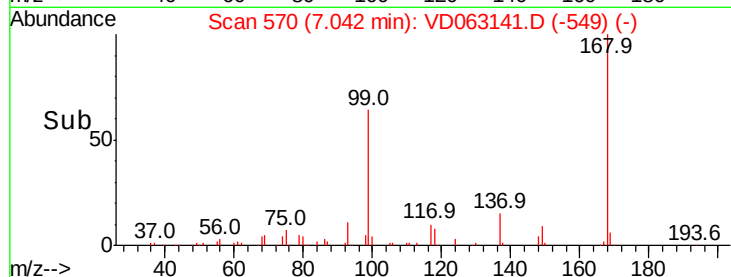
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.265 ug/l

RT: 7.46 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063141.D

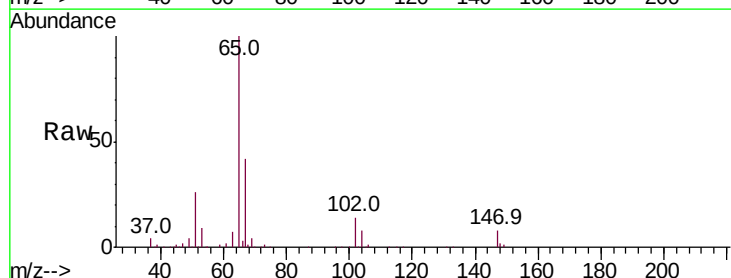
Acq: 17 Jul 2019 19:46

Tgt Ion: 65 Resp: 485661

Ion Ratio Lower Upper

65 100

67 42.5 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

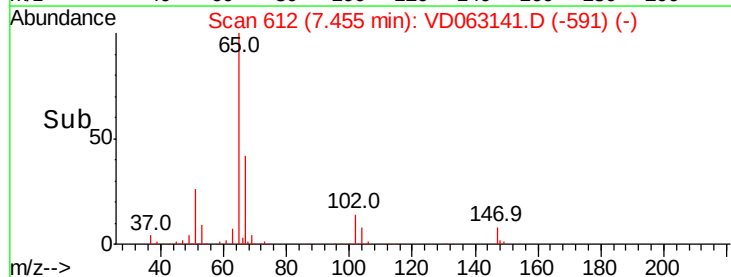
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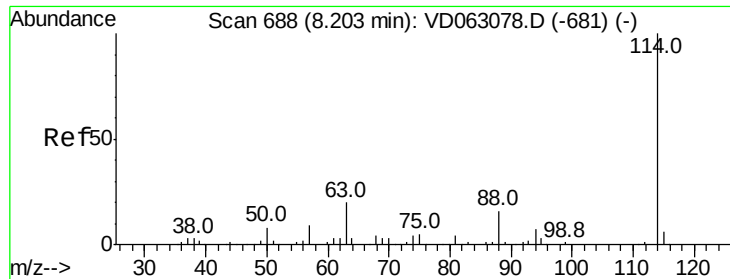
100000

50000

0

Time-->



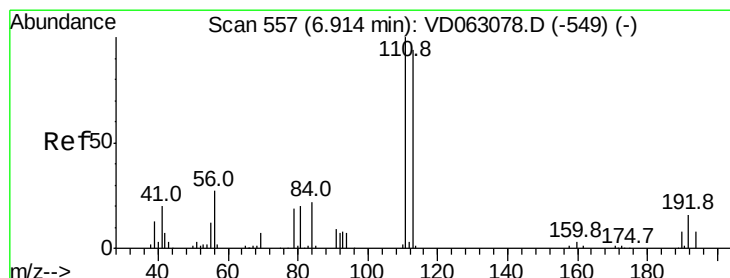
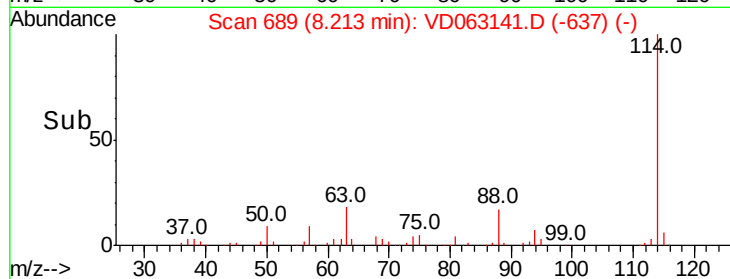
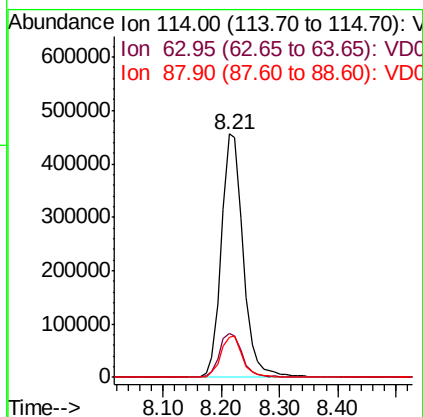
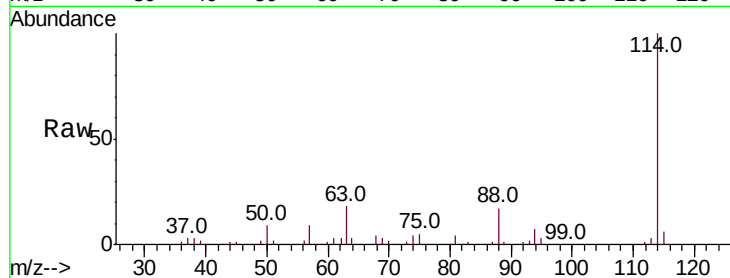


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD063141.D
 Acq: 17 Jul 2019 19:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(7-9)

Tot Ion:114 Resp: 1186289

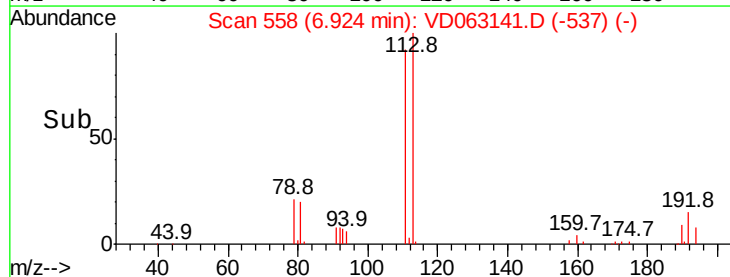
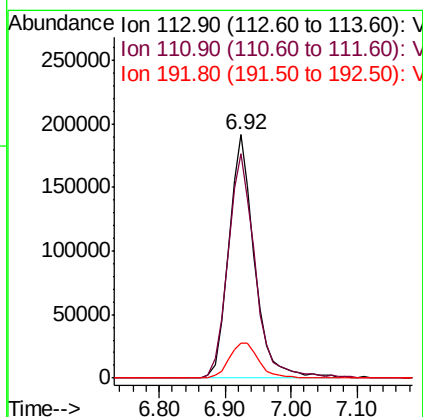
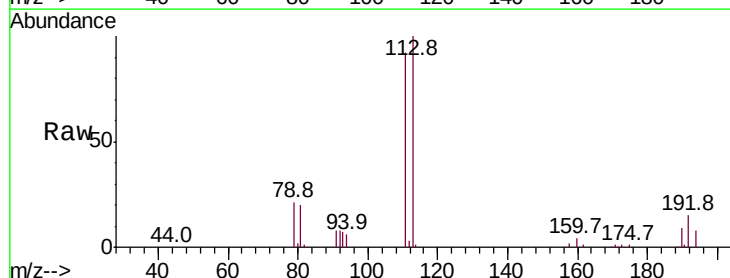
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	40.6
88	16.7	0.0	32.6

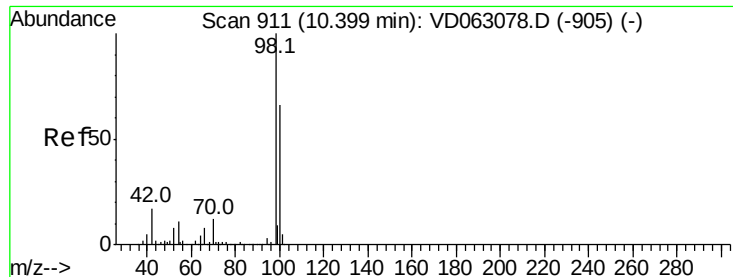


#35
 Dibromofluoromethane
 Concen: 44.189 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063141.D
 Acq: 17 Jul 2019 19:46

Tgt Ion:113 Resp: 522120

Ion	Ratio	Lower	Upper
113	100		
111	92.0	84.8	127.2
192	14.6	13.4	20.0

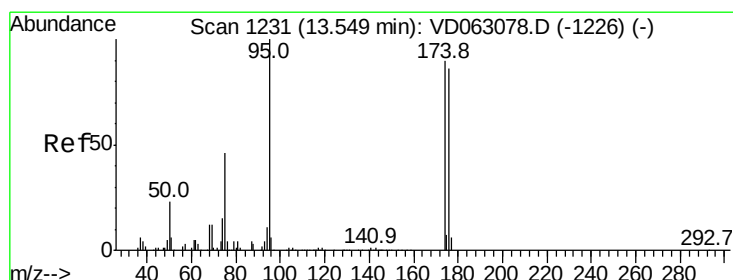
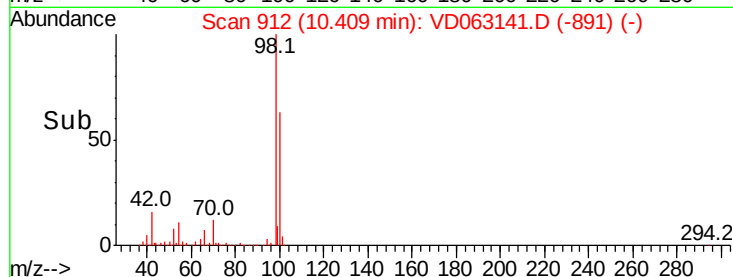
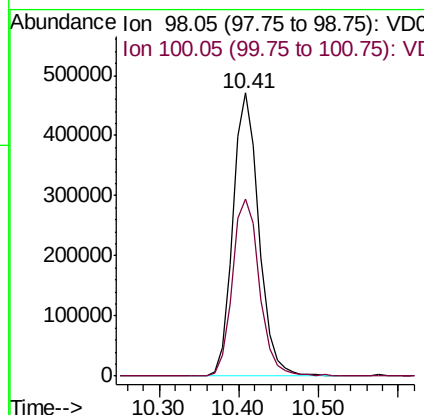
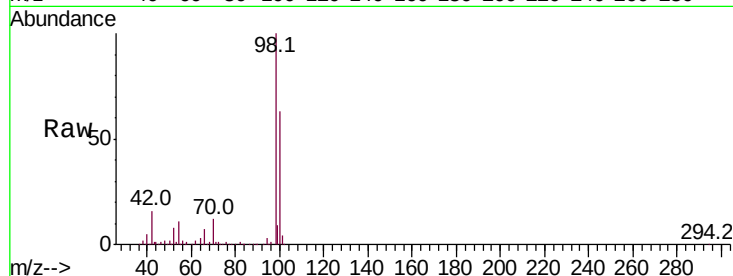




#50
Toluene-d8
Concen: 42.426 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD063141.D
Acq: 17 Jul 2019 19:46

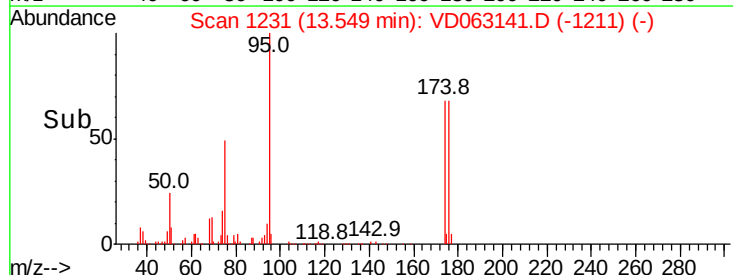
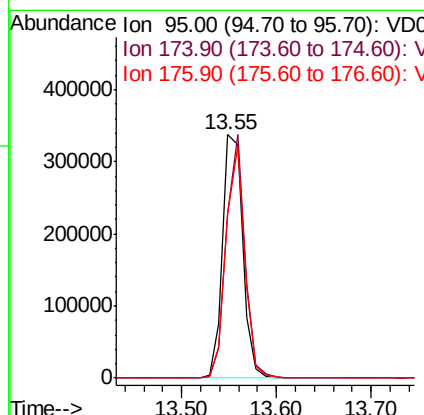
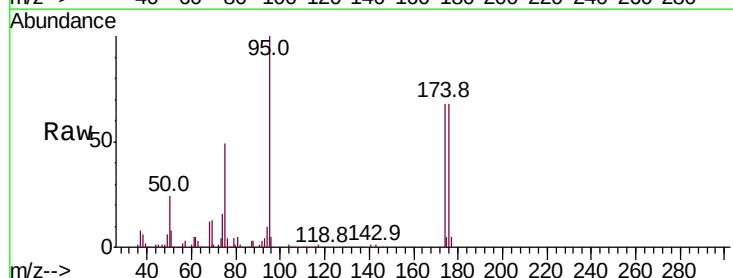
Instrument :
MSVOA_D
ClientSampleId :
SB-1(7-9)

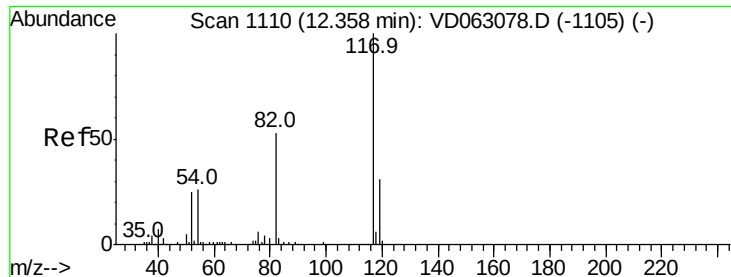
Tot Ion: 98 Resp: 1076777
Ion Ratio Lower Upper
98 100
100 62.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 42.459 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VD063141.D
Acq: 17 Jul 2019 19:46

Tgt Ion: 95 Resp: 498546
Ion Ratio Lower Upper
95 100
174 67.6 0.0 180.6
176 67.6 0.0 172.2

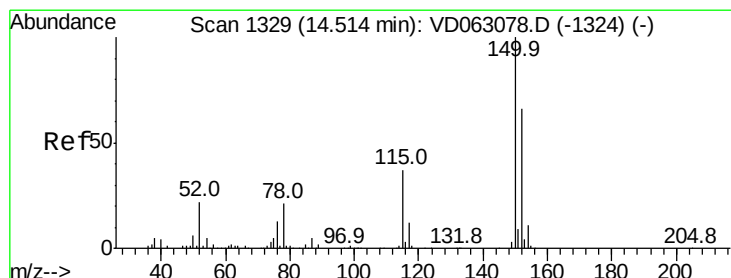
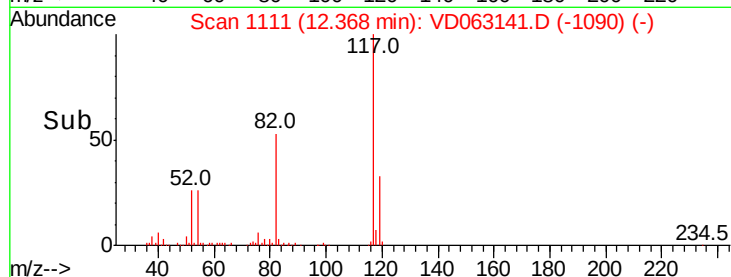
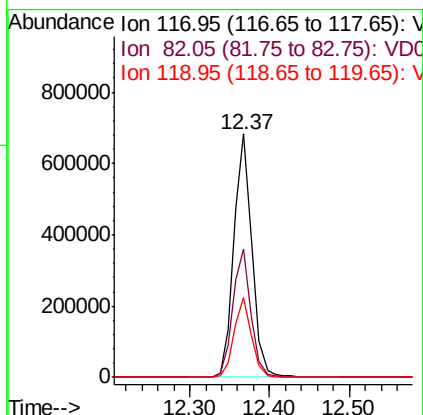
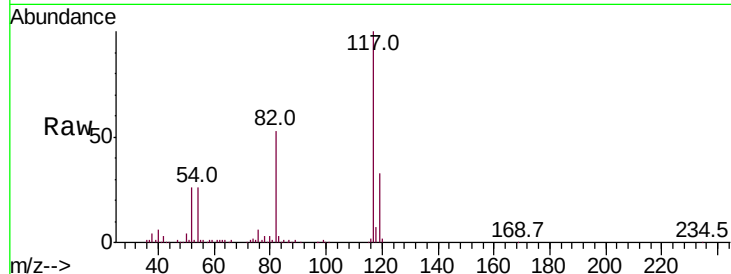




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063141.D
Acq: 17 Jul 2019 19:46

Instrument :
MSVOA_D
ClientSampled :
SB-1(7-9)

Tot Ion:117 Resp: 1089919
Ion Ratio Lower Upper
117 100
82 52.6 42.3 63.5
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD063141.D
Acq: 17 Jul 2019 19:46

Tgt Ion:152 Resp: 578169
Ion Ratio Lower Upper
152 100
115 63.6 28.9 86.8
150 159.3 0.0 313.8

