

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063462.D
 Acq On : 9 Aug 2019 3:52
 Operator : JC/SY
 Sample : K4237-01
 Misc : 6.67g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04(14-15)

Quant Time: Aug 09 08:18:39 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	7.06	168	51107	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	81667	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	68525	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	42176	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	48898	86.23	ug/l	0.02
Spiked Amount	50.000		Recovery	=	172.46%	
35) Dibromofluoromethane	6.94	113	35772	51.30	ug/l	0.03
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	10.41	98	50364	32.27	ug/l	0.01
Spiked Amount	50.000		Recovery	=	64.54%	
62) 4-Bromofluorobenzene	13.56	95	30019	42.21	ug/l	0.01
Spiked Amount	50.000		Recovery	=	84.42%	

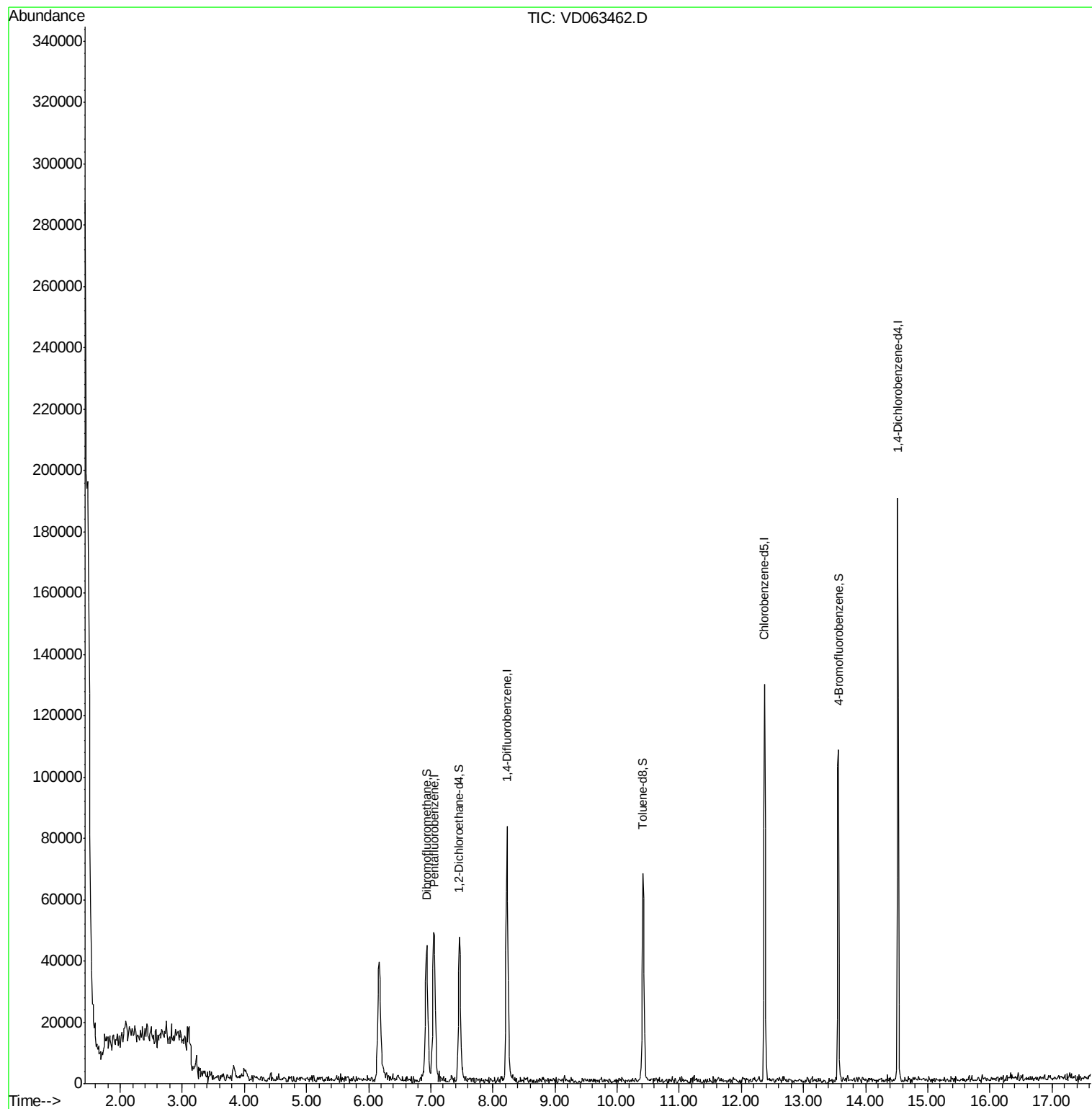
Target Compounds	Qvalue

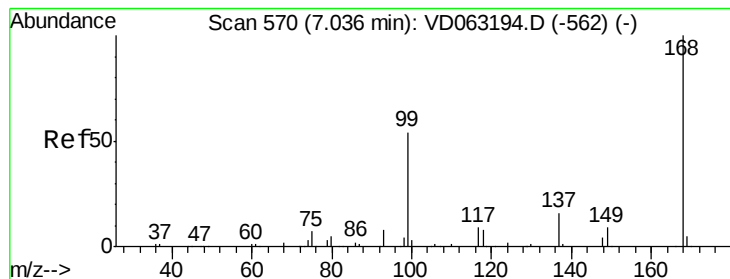
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063462.D

Acq: 9 Aug 2019 3:52

Instrument :

MSVOA_D

ClientSampleId :

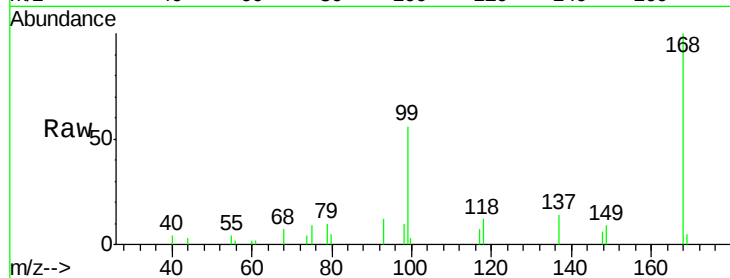
SB-04(14-15)

Tot Ion:168 Resp: 51107

Ion Ratio Lower Upper

168 100

99 56.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

15000

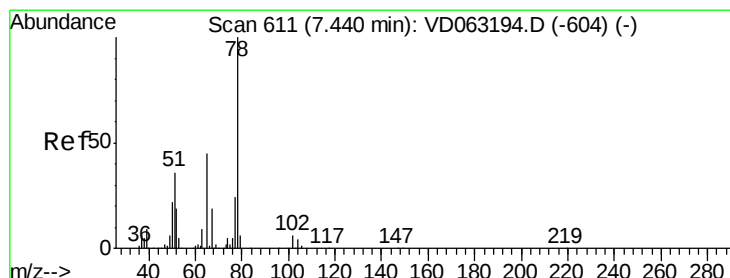
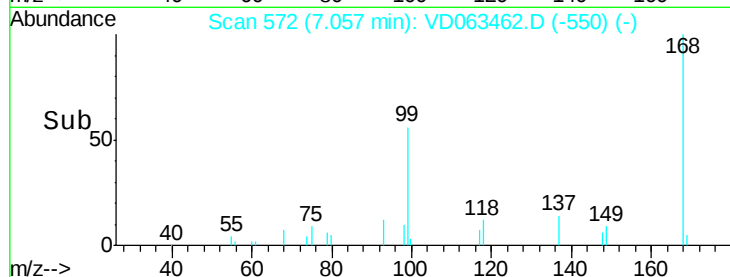
10000

5000

0

Time-->

7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 86.228 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063462.D

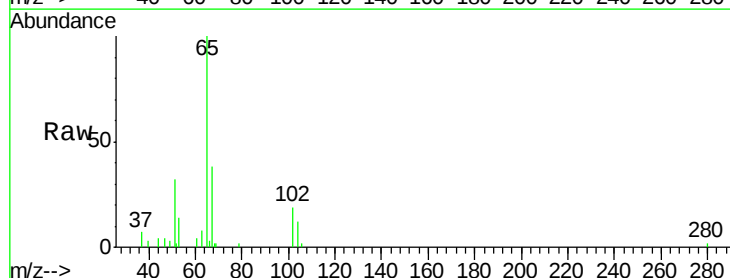
Acq: 9 Aug 2019 3:52

Tgt Ion: 65 Resp: 48898

Ion Ratio Lower Upper

65 100

67 38.2 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

20000

15000

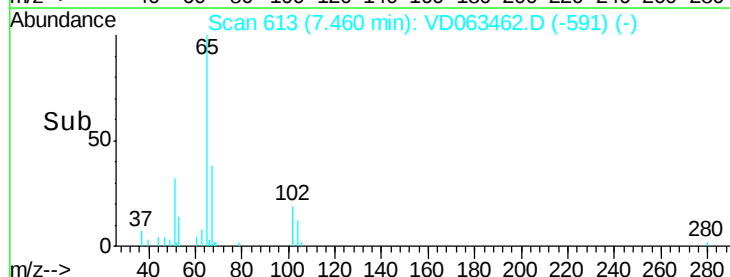
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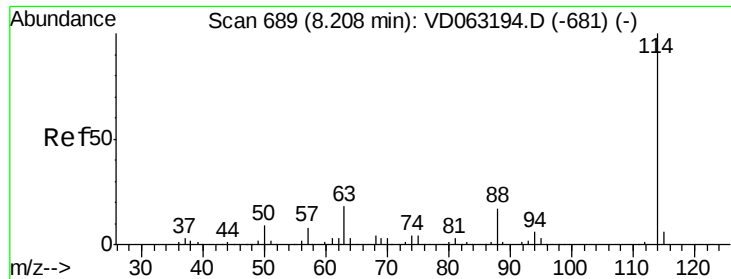
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0

Time-->

7.40 7.50 7.60

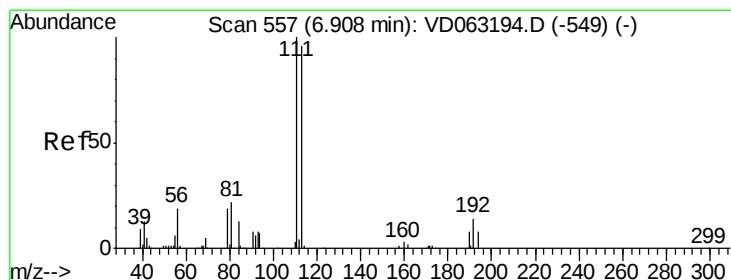
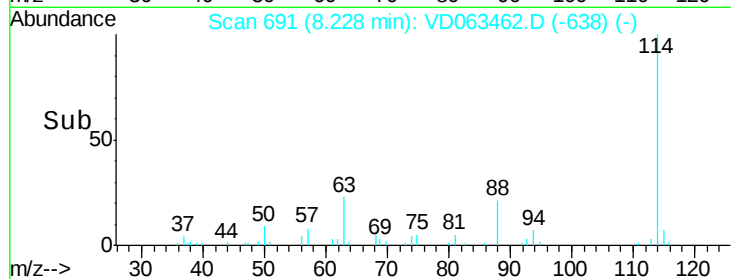
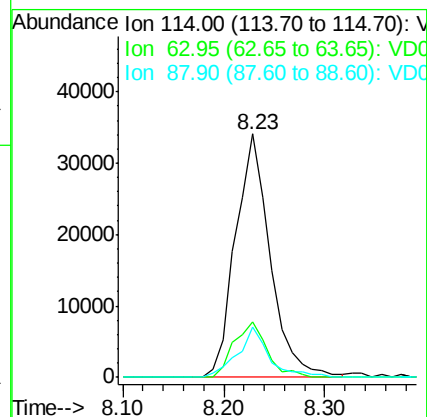
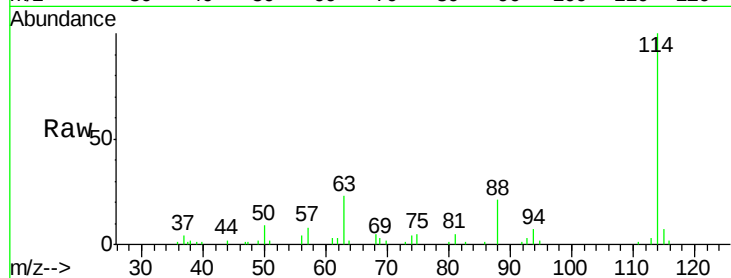




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063462.D
 Acq: 9 Aug 2019 3:52

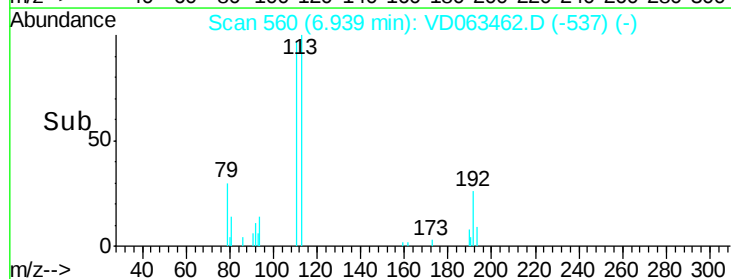
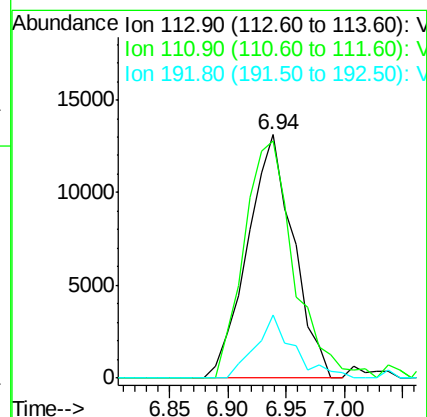
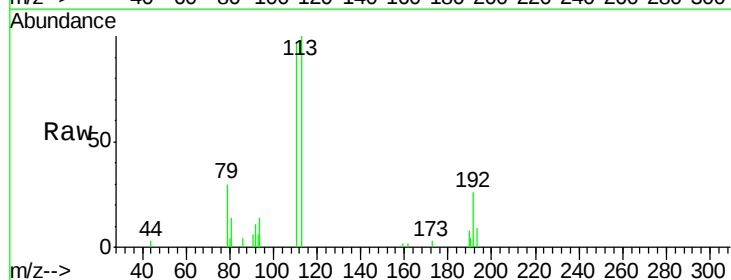
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04(14-15)

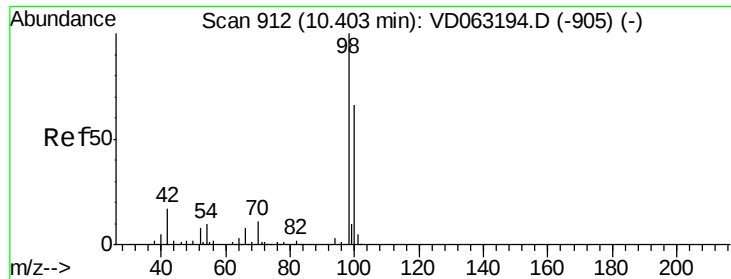
Tot Ion:114 Resp: 81667
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 35.2
 88 20.9 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 51.303 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD063462.D
 Acq: 9 Aug 2019 3:52

Tgt Ion:113 Resp: 35772
 Ion Ratio Lower Upper
 113 100
 111 97.3 83.2 124.8
 192 26.2 11.8 17.8#

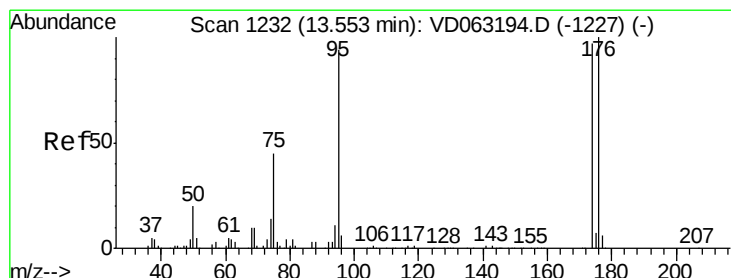
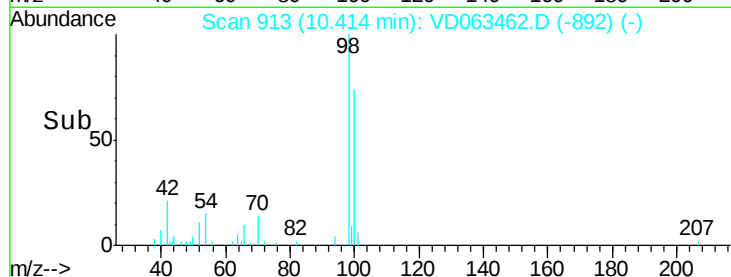
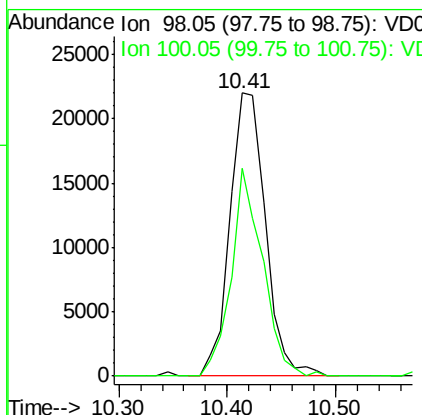
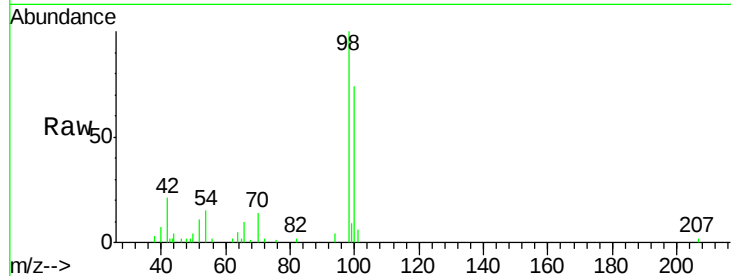




#50
Toluene-d8
Concen: 32.275 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

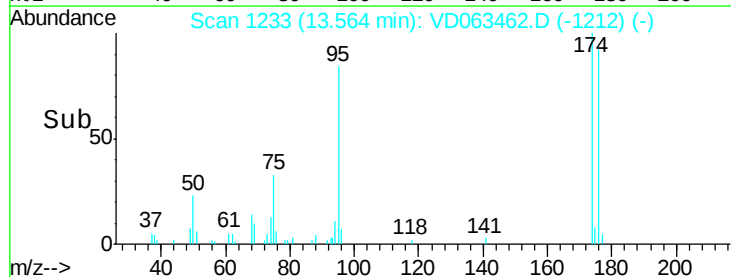
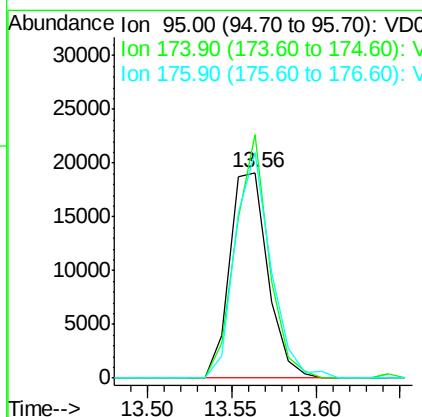
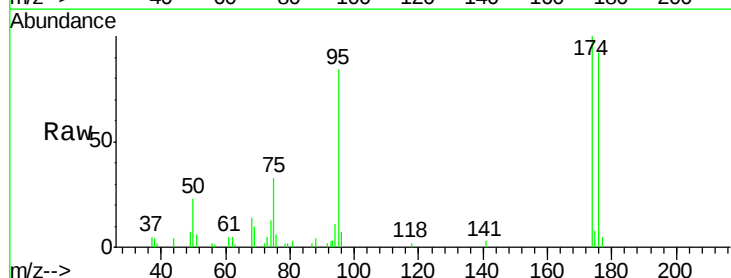
Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

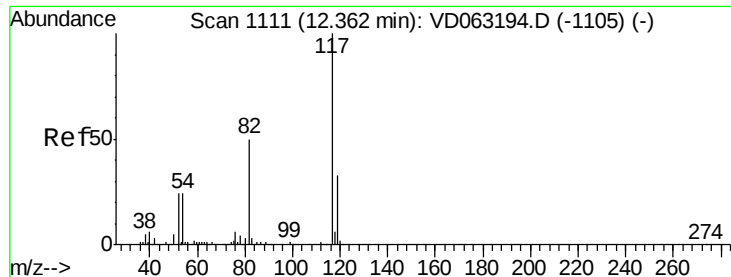
Tot Ion: 98 Resp: 50364
Ion Ratio Lower Upper
98 100
100 73.6 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 42.215 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 95 Resp: 30019
Ion Ratio Lower Upper
95 100
174 118.6 0.0 205.4
176 109.7 0.0 211.8

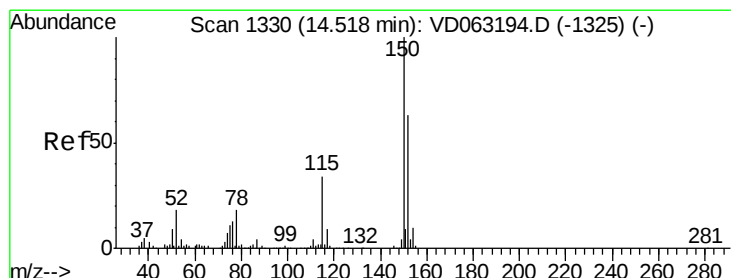
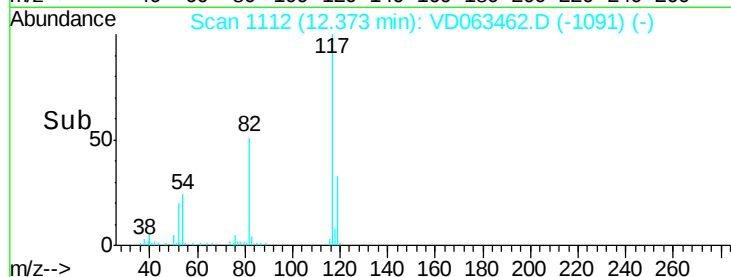
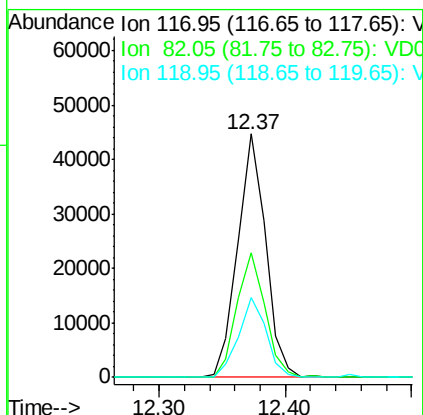
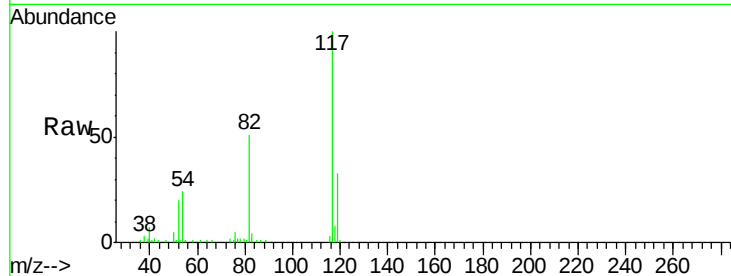




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tot Ion:117 Resp: 68525
Ion Ratio Lower Upper
117 100
82 51.1 40.1 60.1
119 32.6 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: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion:152 Resp: 42176
Ion Ratio Lower Upper
152 100
115 53.8 27.5 82.4
150 144.7 0.0 320.6

