

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD081319\
 Data File : VD063561.D
 Acq On : 14 Aug 2019 8:27
 Operator : JC/SY
 Sample : K4229-18
 Misc : 5.33g/5ml/MSVOA D/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2S-A1-(1)

Quant Time: Aug 14 10:24:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1080932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1598541	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1195420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	455372	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	498303	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
35) Dibromofluoromethane	6.94	113	548002	40.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.40%	
50) Toluene-d8	10.41	98	1027818	34.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.44%	
62) 4-Bromofluorobenzene	13.56	95	429407	32.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.02%	

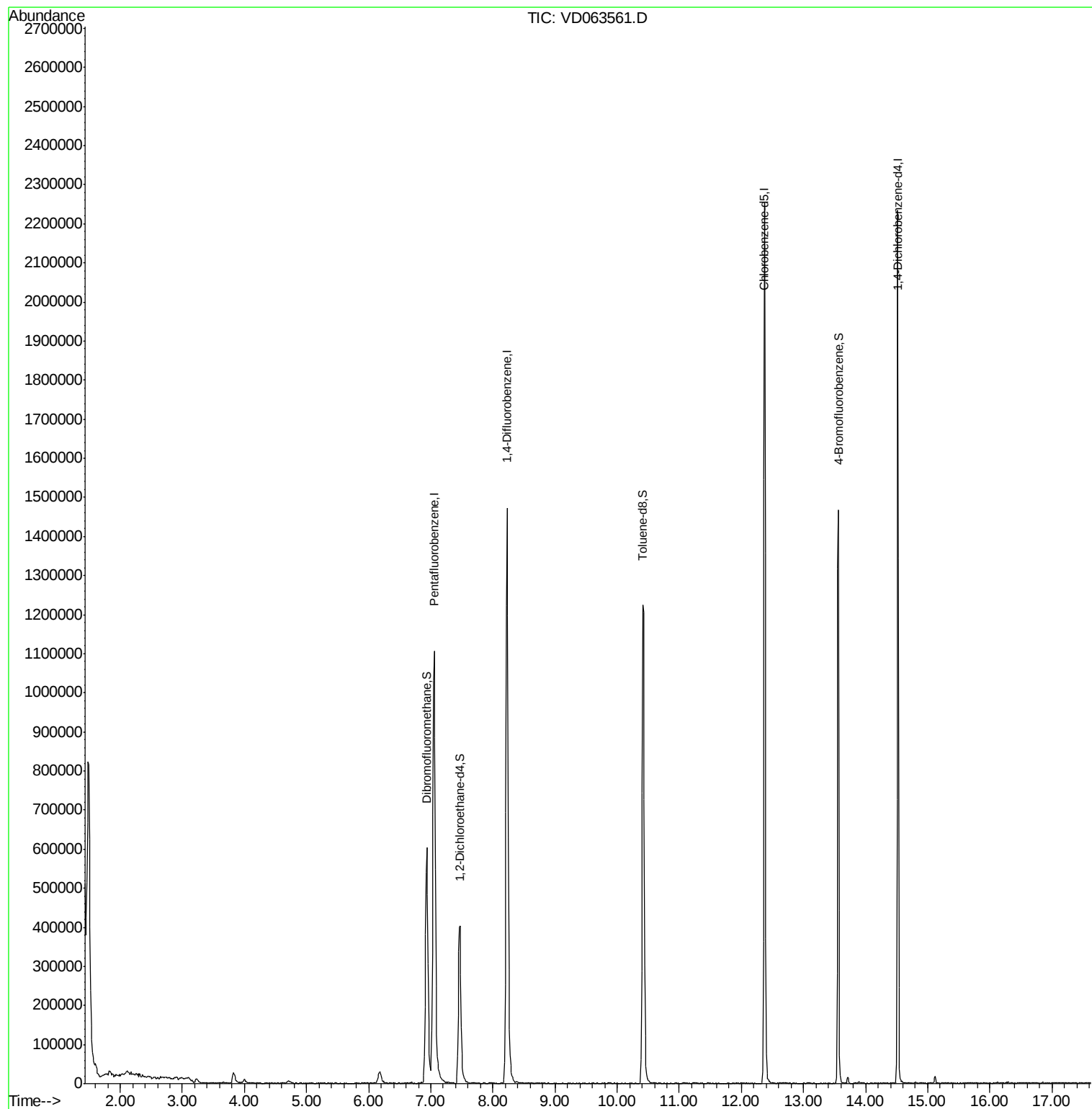
Target Compounds	Qvalue

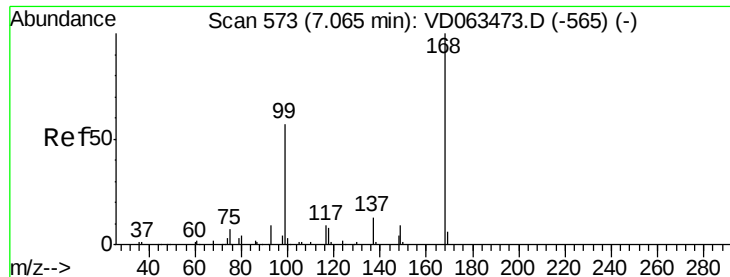
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063561.D

Acq: 14 Aug 2019 8:27

Instrument :

MSVOA_D

ClientSampleId :

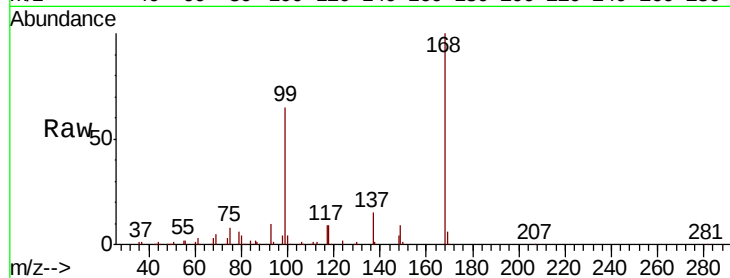
2S-A1-(1)

Tot Ion:168 Resp: 1080932

Ion Ratio Lower Upper

168 100

99 65.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

400000

300000

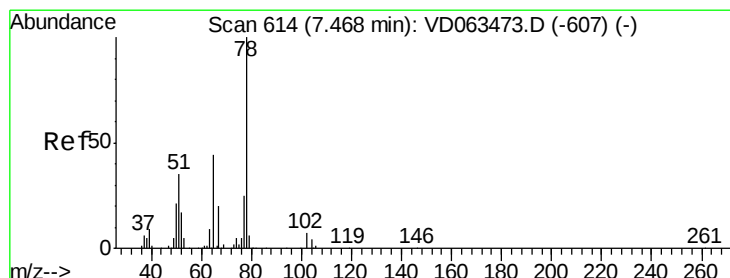
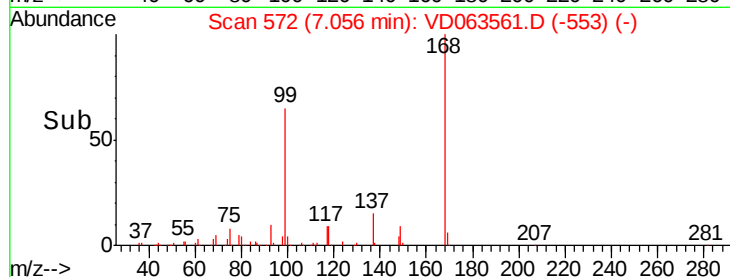
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 43.127 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.00 min

Lab File: VD063561.D

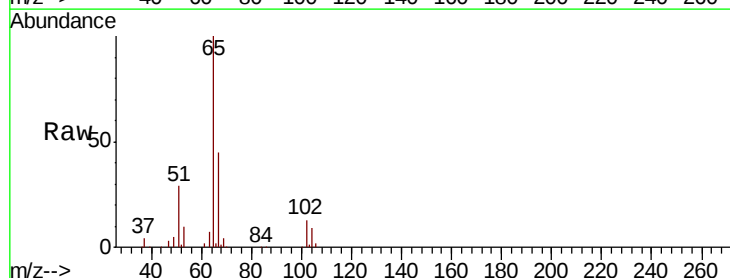
Acq: 14 Aug 2019 8:27

Tgt Ion: 65 Resp: 498303

Ion Ratio Lower Upper

65 100

67 44.8 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

200000

150000

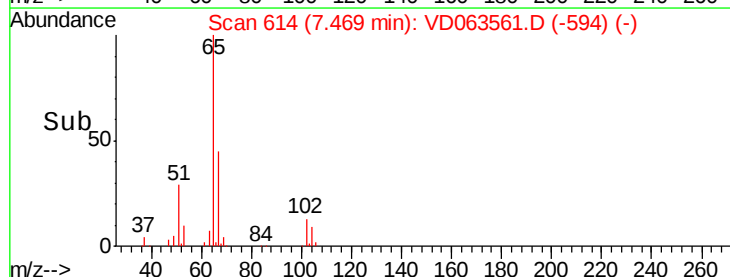
100000

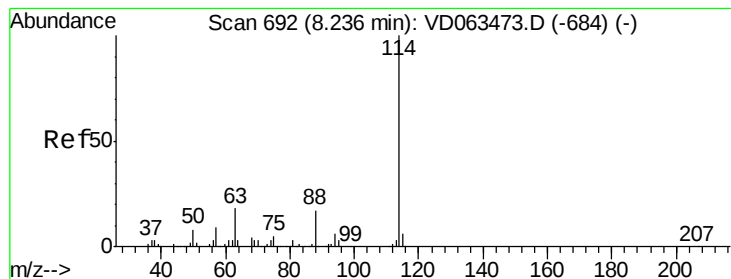
50000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063561.D

Acq: 14 Aug 2019 8:27

Instrument :

MSVOA_D

ClientSampleId :

2S-A1-(1)

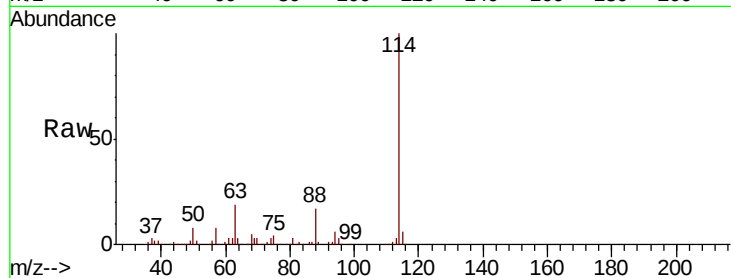
Tot Ion:114 Resp: 1598541

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.2

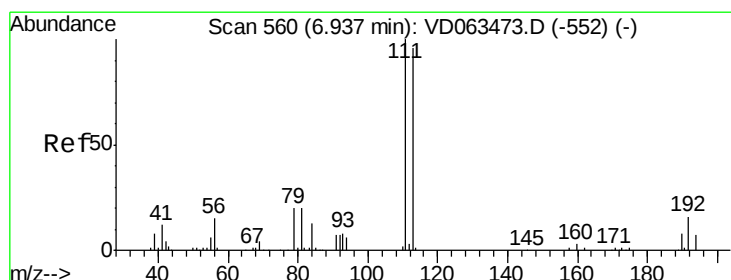
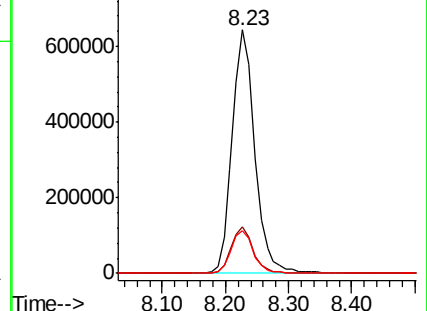
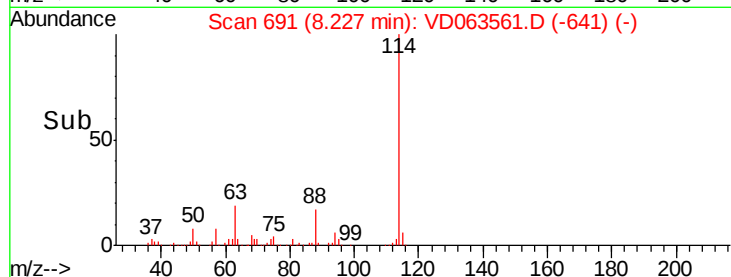
88 17.3 0.0 35.0



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: 40.704 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD063561.D

Acq: 14 Aug 2019 8:27

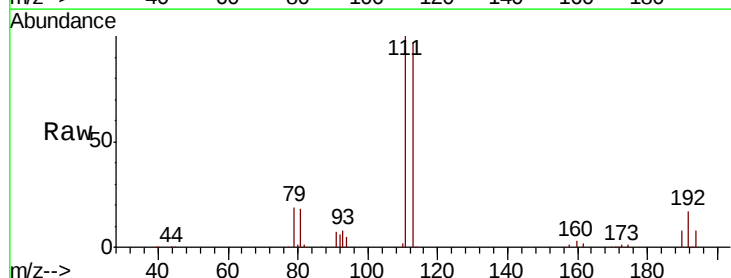
Tgt Ion:113 Resp: 548002

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

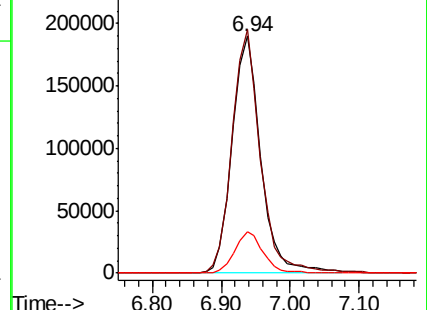
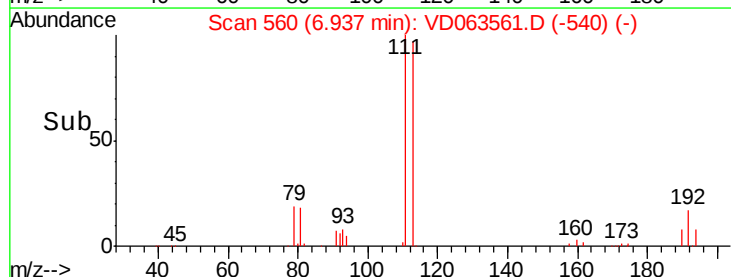
192 17.7 13.1 19.7

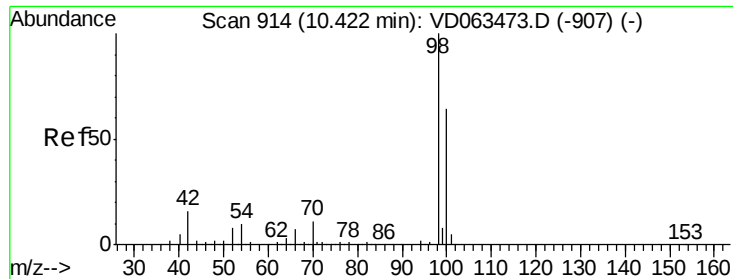


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

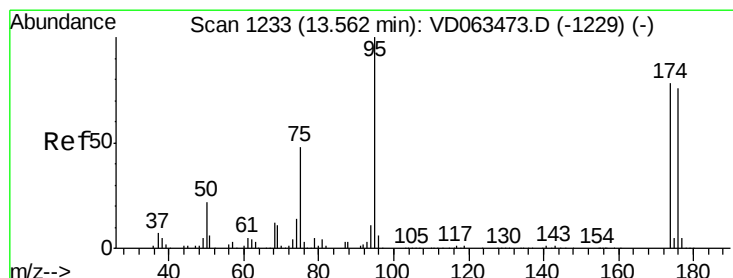
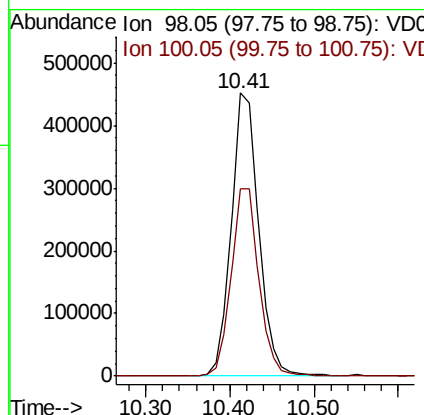
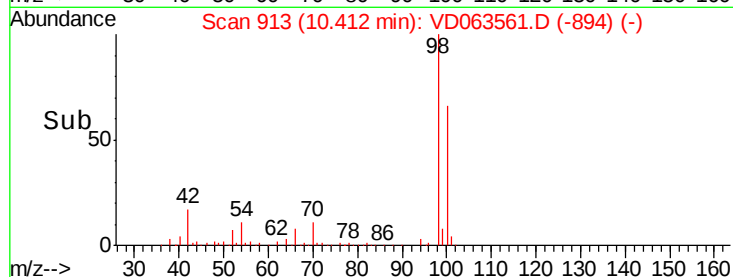
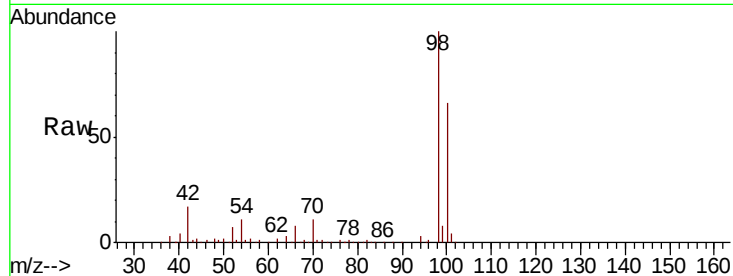




#50
Toluene-d8
Concen: 34.725 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

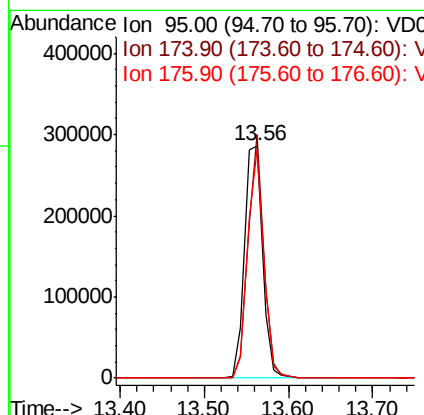
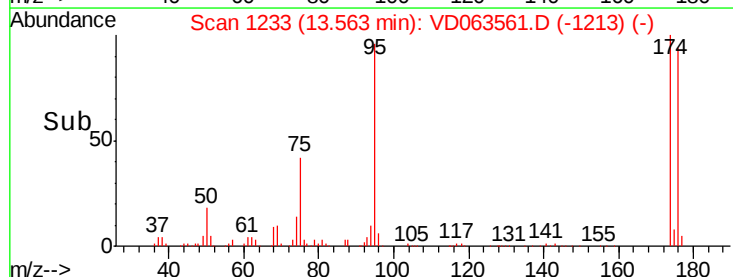
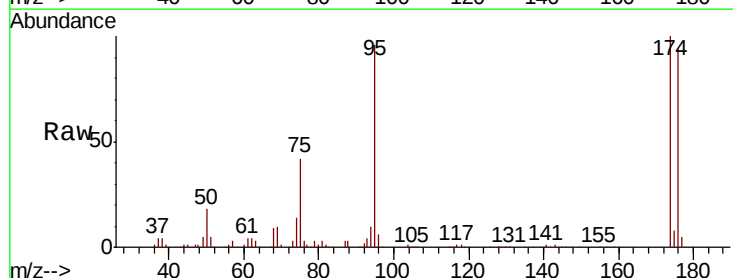
Instrument :
MSVOA_D
ClientSampleId :
2S-A1-(1)

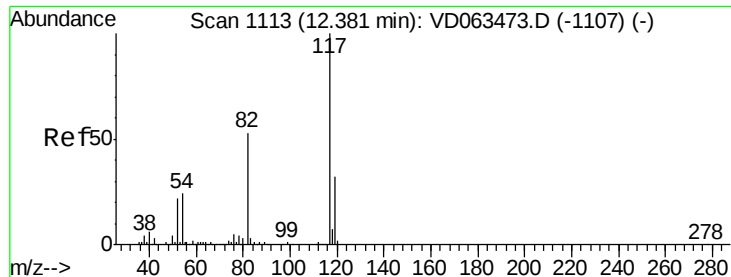
Tot Ion: 98 Resp: 1027818
Ion Ratio Lower Upper
98 100
100 66.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 32.008 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

Tgt Ion: 95 Resp: 429407
Ion Ratio Lower Upper
95 100
174 104.6 0.0 155.4
176 98.0 0.0 152.4

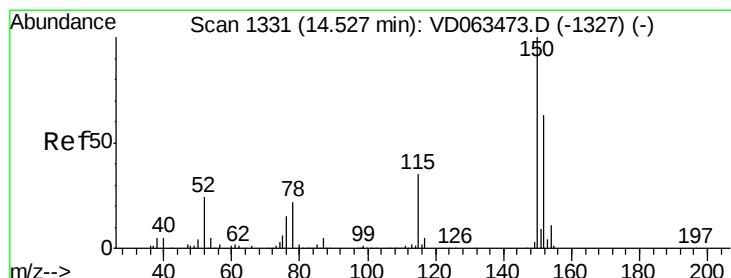
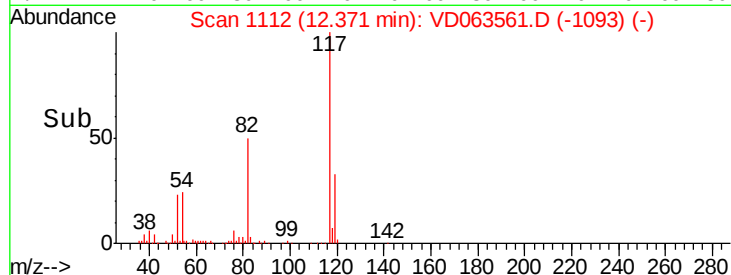
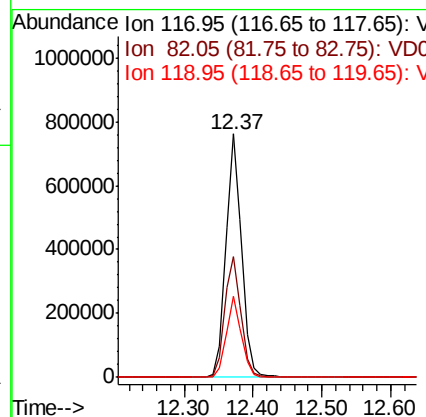
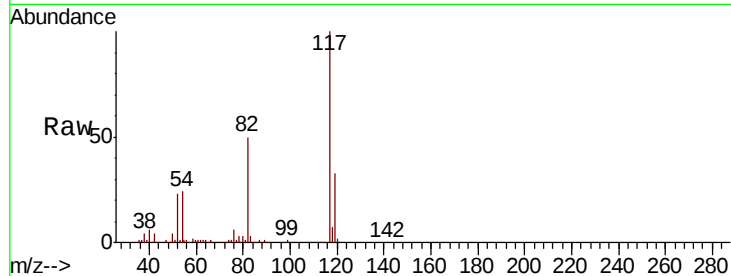




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

Instrument :
MSVOA_D
ClientSampleId :
2S-A1-(1)

Tot Ion:117 Resp: 1195420
Ion Ratio Lower Upper
117 100
82 49.8 42.0 63.0
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063561.D
Acq: 14 Aug 2019 8:27

Tgt Ion:152 Resp: 455372
Ion Ratio Lower Upper
152 100
115 62.6 30.9 92.7
150 162.3 0.0 318.6

