

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063742.D
 Acq On : 22 Aug 2019 19:14
 Operator : JC/SY
 Sample : K4452-01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-CORNER-3

Quant Time: Aug 23 07:30:29 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	7.05	168	98873	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	176326	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	158301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	60075	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	146101	138.24	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	276.48%	
35) Dibromofluoromethane	6.93	113	116536	78.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	156.94%	
50) Toluene-d8	10.41	98	184664	56.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.12%	
62) 4-Bromofluorobenzene	13.55	95	73561	49.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.42%	

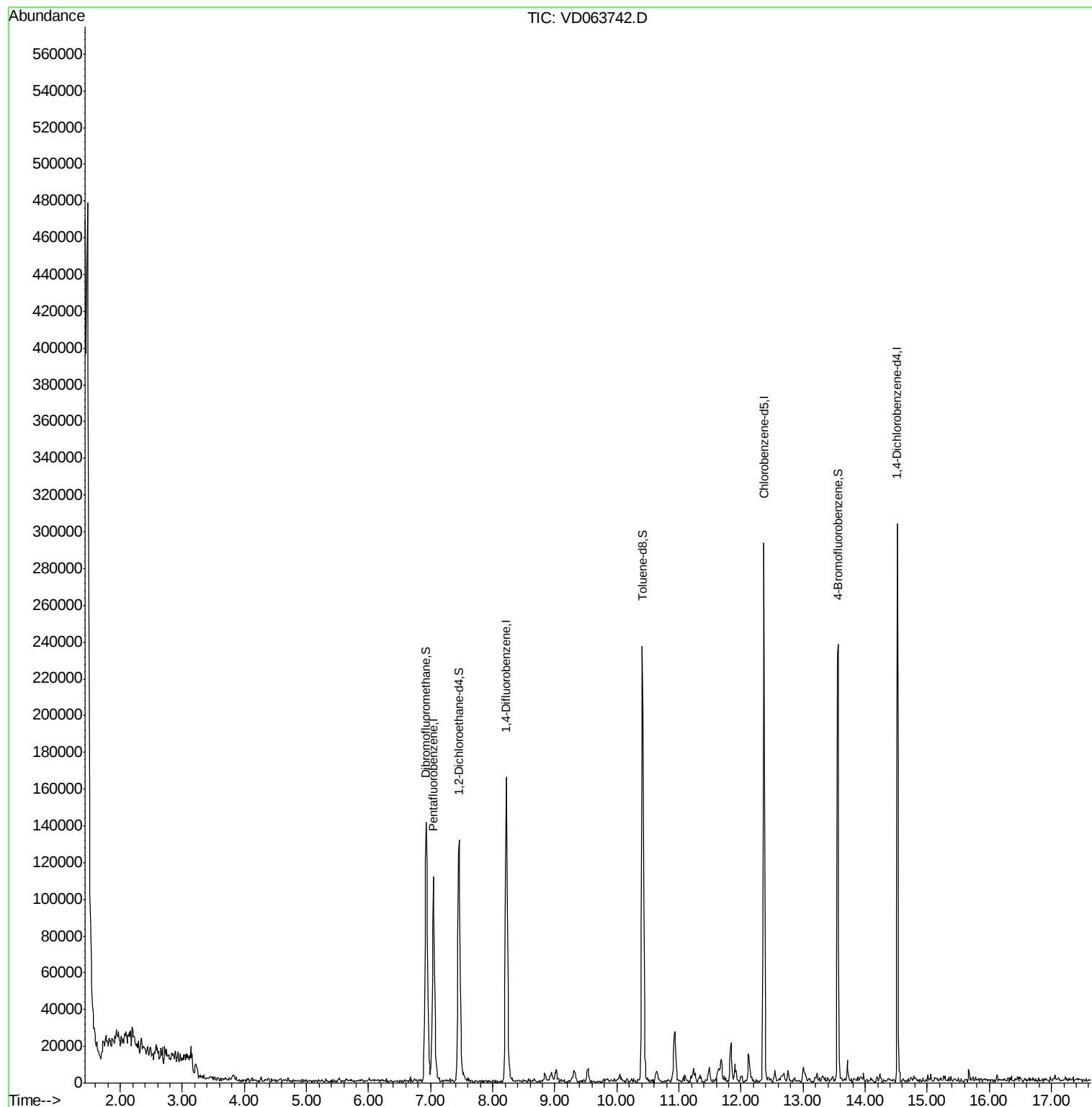
Target Compounds	Qvalue
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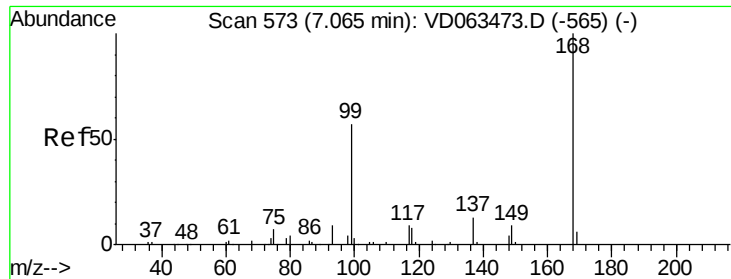
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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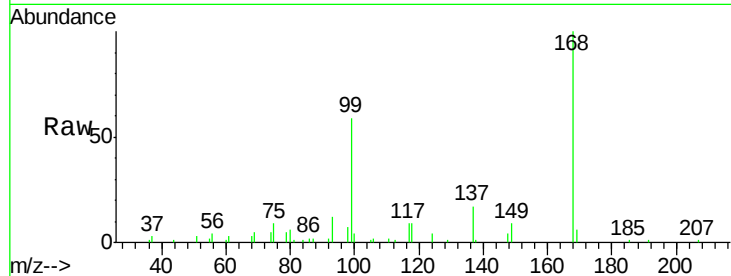


#1

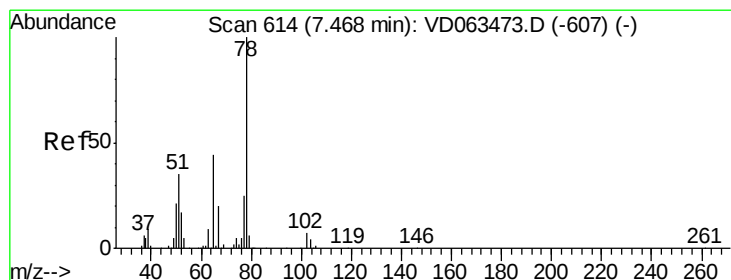
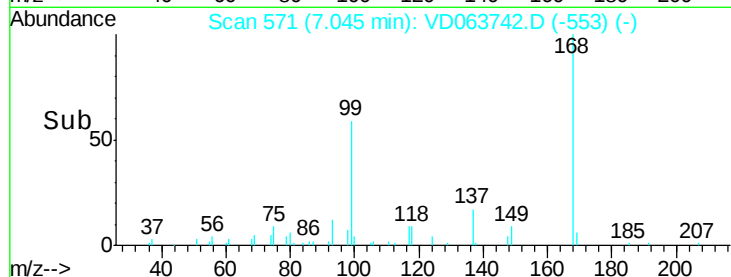
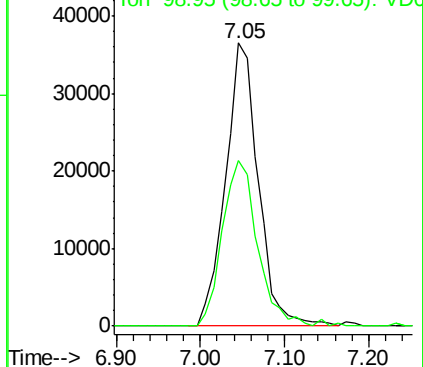
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: VD063742.D
 Acq: 22 Aug 2019 19:14

Instrument :
 MSVOA_D
 ClientSampleId :
 S-CORNER-3

Tot Ion:168 Resp: 98873
 Ion Ratio Lower Upper
 168 100
 99 58.5 46.7 70.1



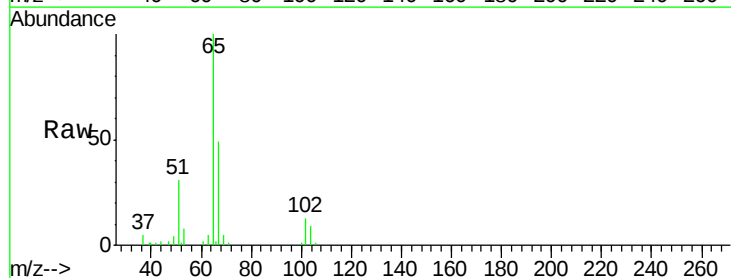
Abundance Ion 167.90 (167.60 to 168.60): V



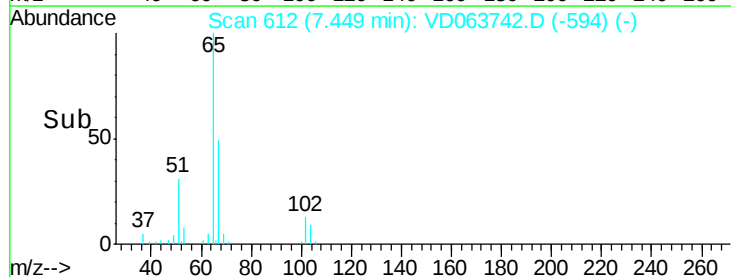
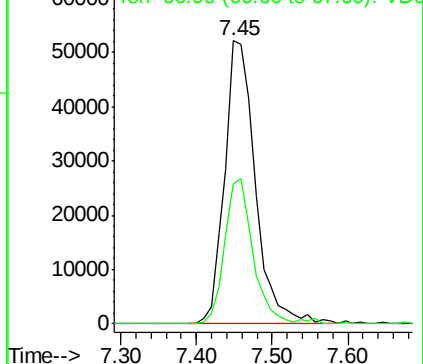
#33

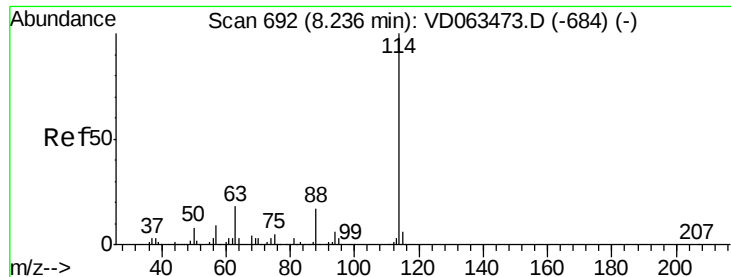
1,2-Dichloroethane-d4
 Concen: 138.239 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063742.D
 Acq: 22 Aug 2019 19:14

Tgt Ion: 65 Resp: 146101
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063742.D

Acq: 22 Aug 2019 19:14

Instrument :

MSVOA_D

ClientSampleId :

S-CORNER-3

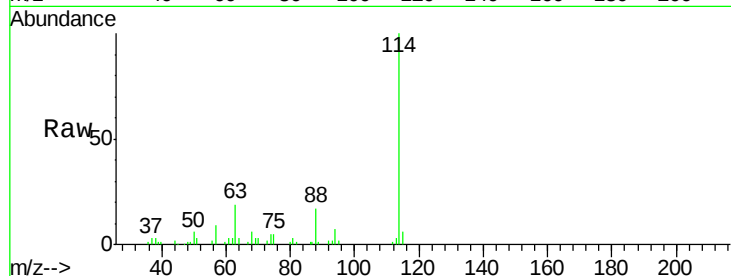
Tot Ion:114 Resp: 176326

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.2

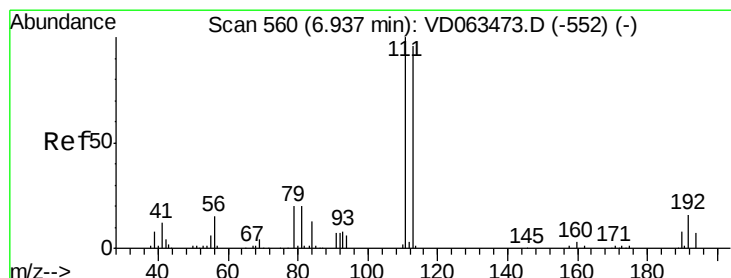
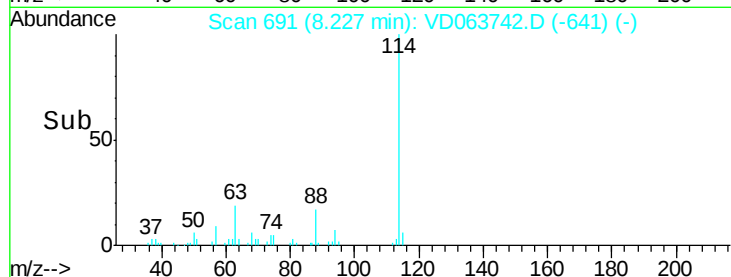
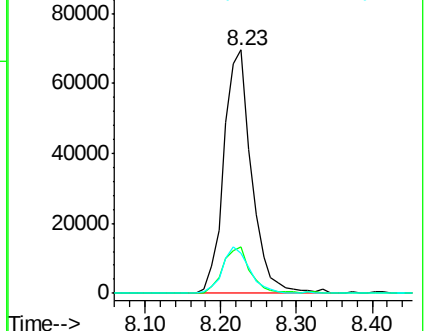
88 16.6 0.0 35.0



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: 78.474 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063742.D

Acq: 22 Aug 2019 19:14

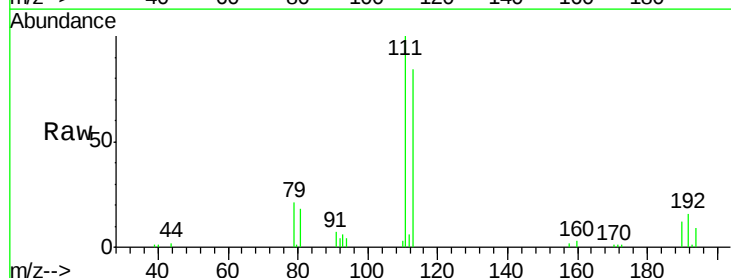
Tgt Ion:113 Resp: 116536

Ion Ratio Lower Upper

113 100

111 119.4 83.1 124.7

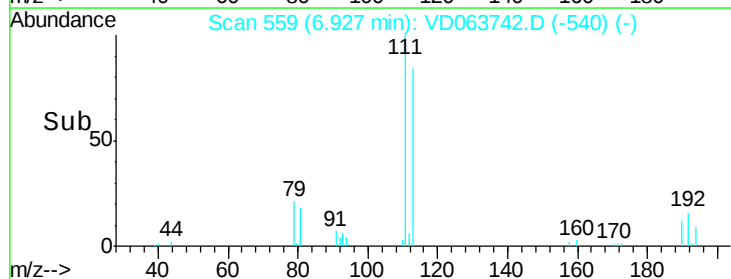
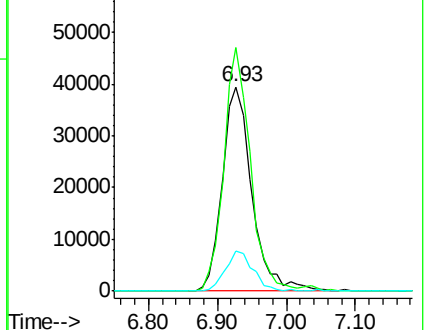
192 19.4 13.1 19.7

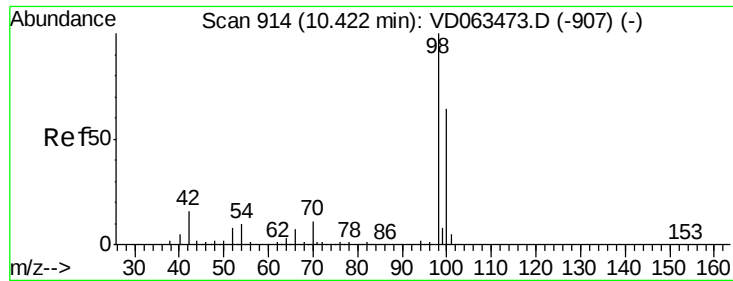


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

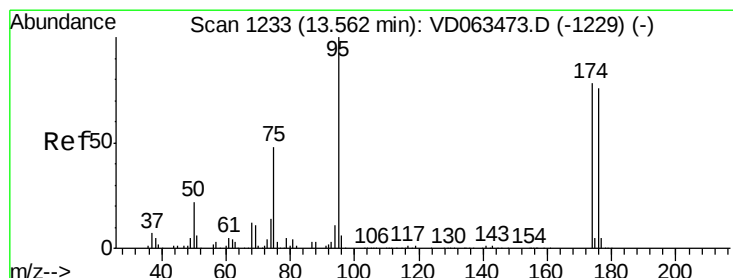
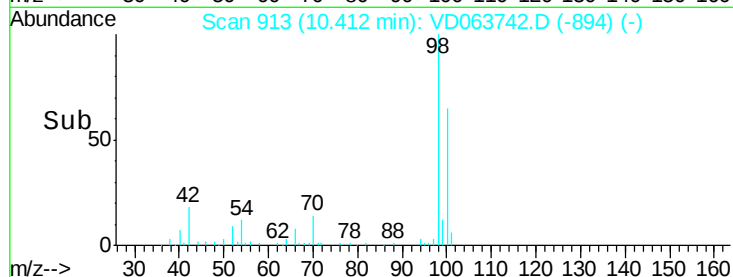
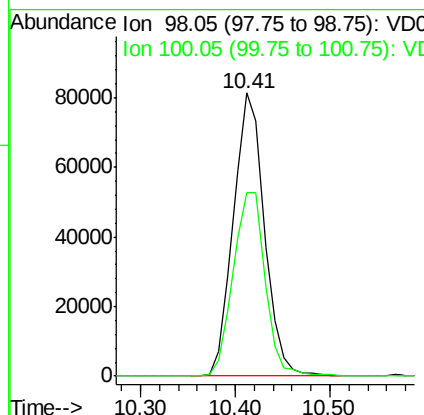
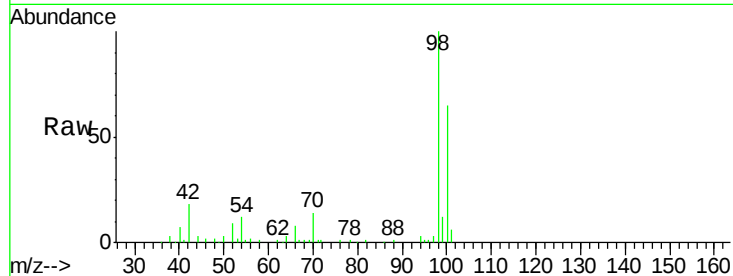




#50
Toluene-d8
Concen: 56.560 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063742.D
Acq: 22 Aug 2019 19:14

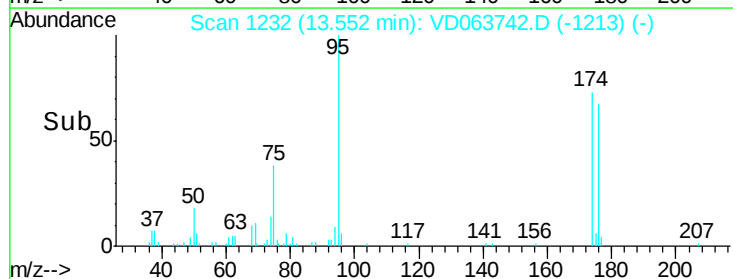
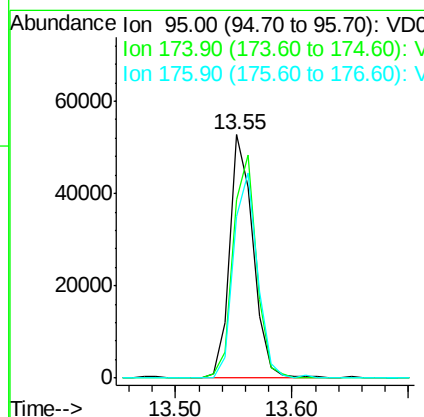
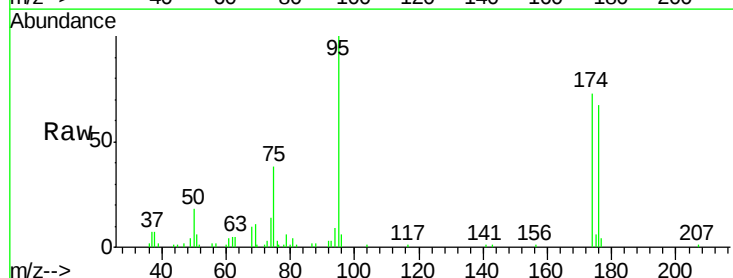
Instrument :
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ClientSampleId :
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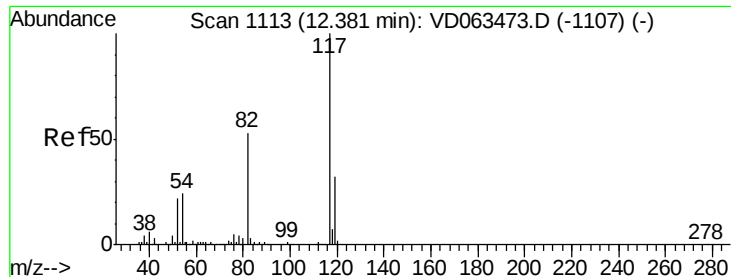
Tot Ion: 98 Resp: 184664
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.710 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063742.D
Acq: 22 Aug 2019 19:14

Tgt Ion: 95 Resp: 73561
Ion Ratio Lower Upper
95 100
174 73.3 0.0 155.4
176 66.5 0.0 152.4

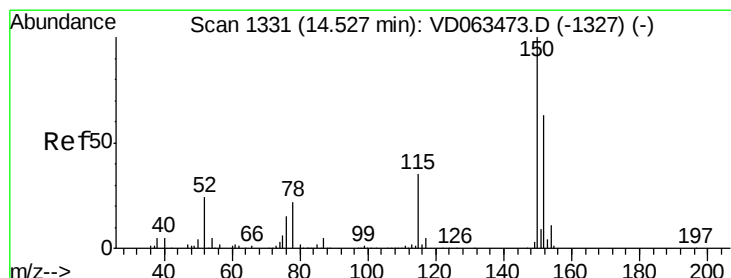
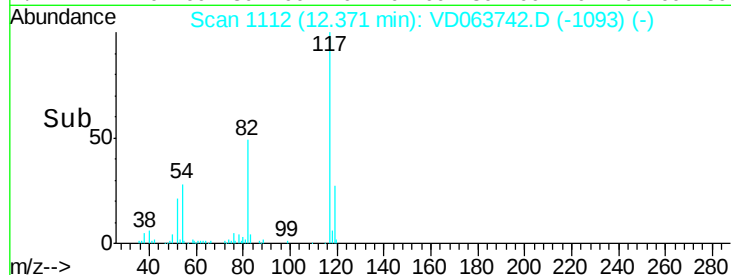
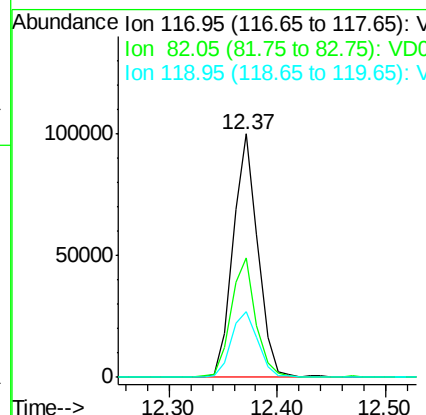
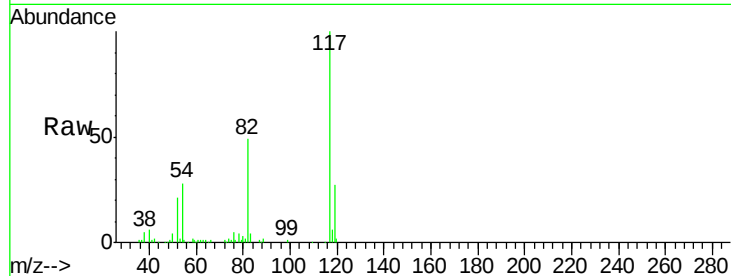




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063742.D
Acq: 22 Aug 2019 19:14

Instrument :
MSVOA_D
ClientSampleId :
S-CORNER-3

Tot Ion:117 Resp: 158301
Ion Ratio Lower Upper
117 100
82 48.8 42.0 63.0
119 26.8 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: VD063742.D
Acq: 22 Aug 2019 19:14

Tgt Ion:152 Resp: 60075
Ion Ratio Lower Upper
152 100
115 62.0 30.9 92.7
150 147.1 0.0 318.6

