

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
 Data File : VD063071.D
 Acq On : 12 Jul 2019 15:26
 Operator : VA/AP
 Sample : K3775-03
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-3X-ROLL-OFF-DUMPSTER-3

Quant Time: Jul 12 15:58:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

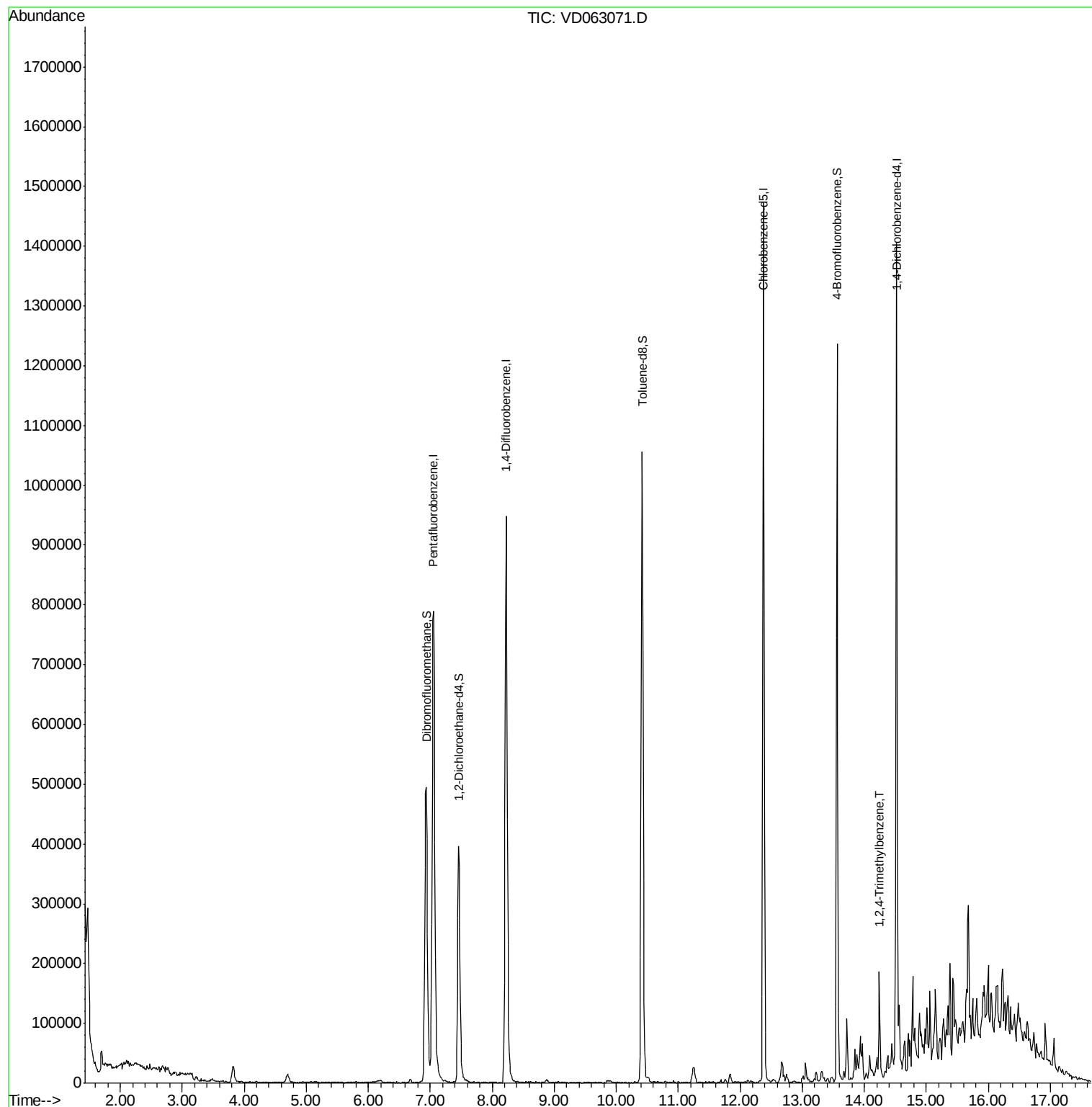
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	810049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1050496	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	811989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	330602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	444752	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	6.94	113	469285	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.42	98	928358	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	13.56	95	326887	37.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.58%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	14.24	105	65352	3.581	ug/l	Qvalue 92

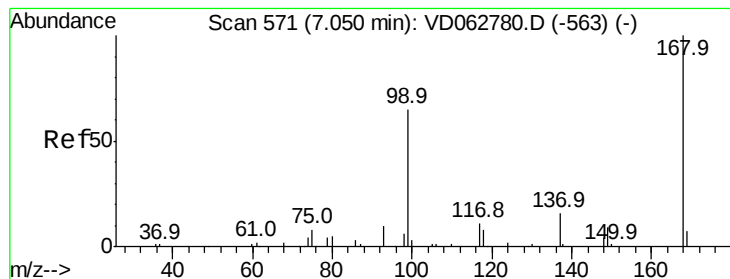
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063071.D

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MSVOA_D

ClientSampleId :

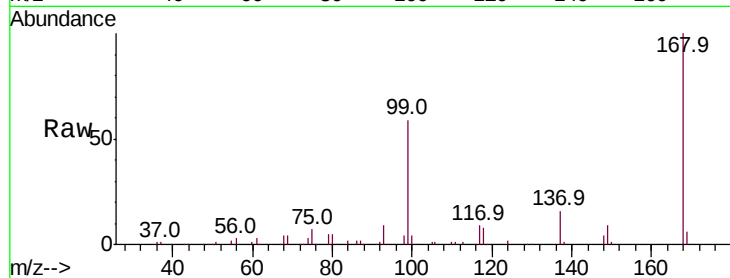
D-3X-ROLL-OFF-DUMPSTER-3

Tot Ion:168 Resp: 810049

Ion Ratio Lower Upper

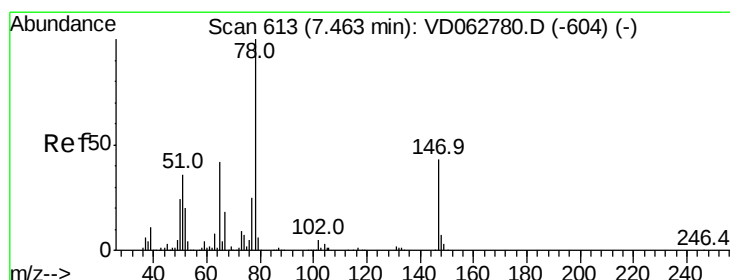
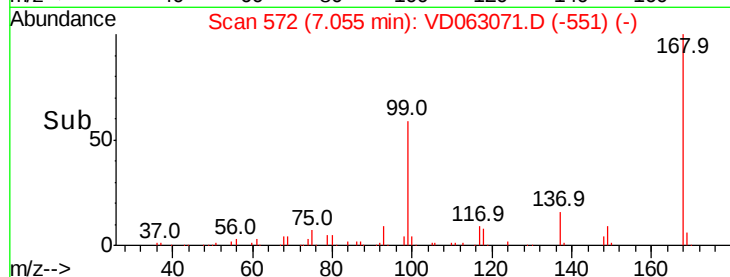
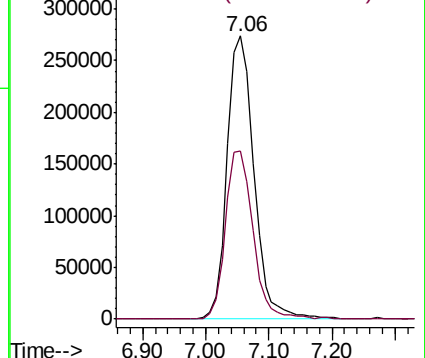
168 100

99 59.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.511 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063071.D

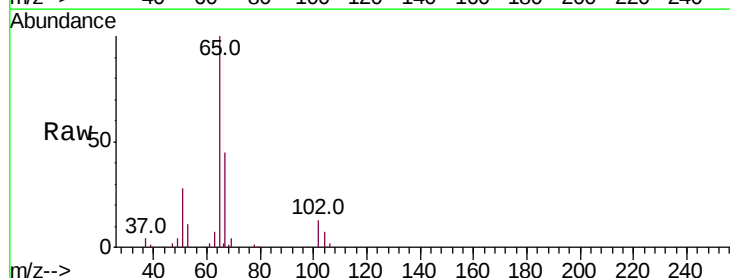
Acq: 12 Jul 2019 15:26

Tgt Ion: 65 Resp: 444752

Ion Ratio Lower Upper

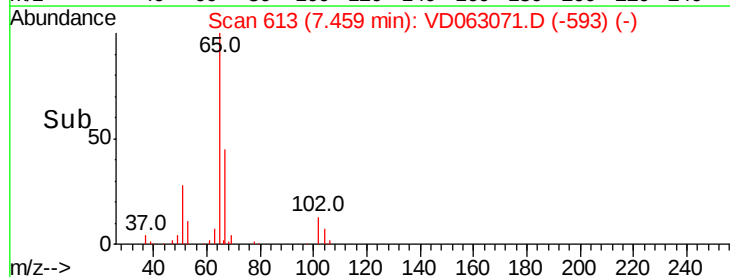
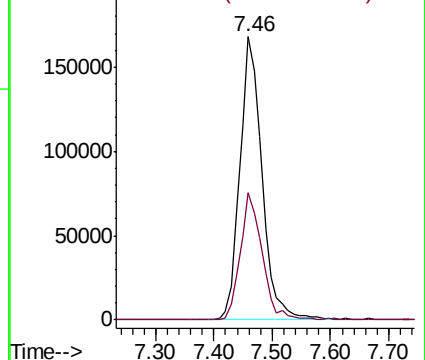
65 100

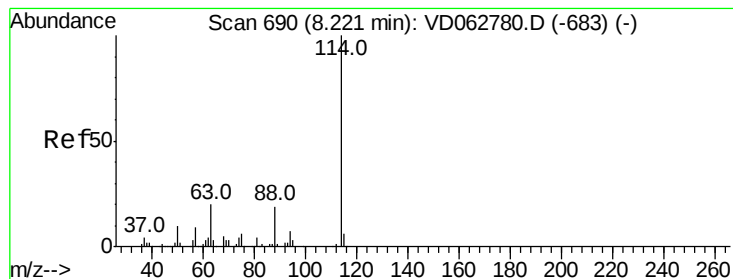
67 44.7 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD063071.D

Acq: 12 Jul 2019 15:26

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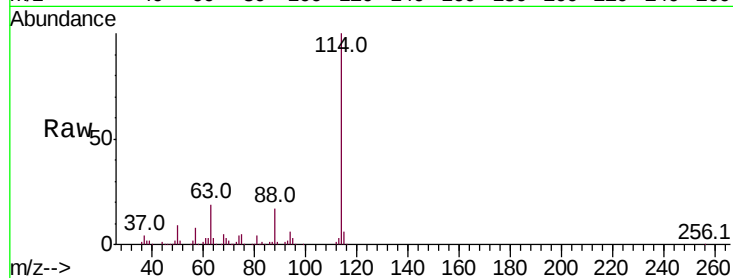
Tot Ion:114 Resp: 1050496

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

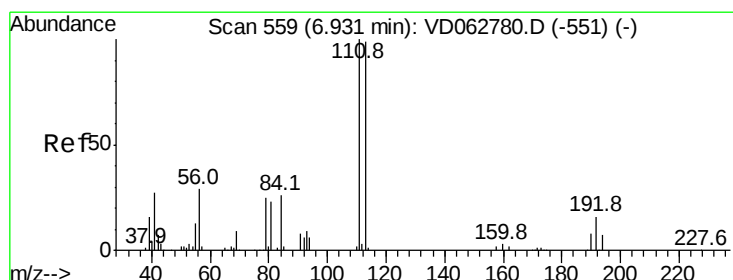
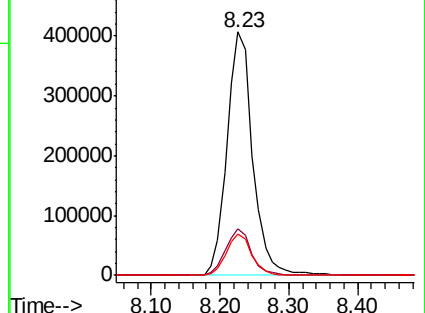
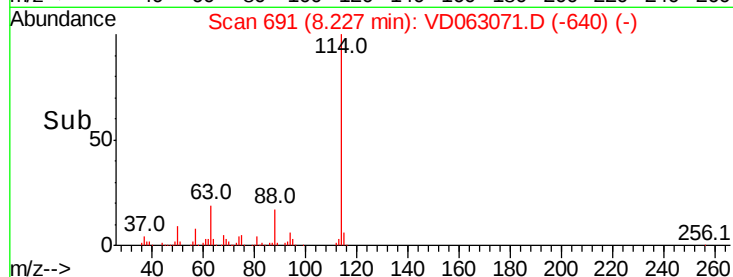
88 17.0 0.0 38.8



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: 52.980 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD063071.D

Acq: 12 Jul 2019 15:26

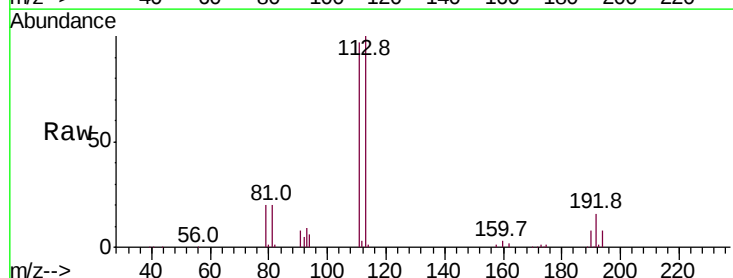
Tgt Ion:113 Resp: 469285

Ion Ratio Lower Upper

113 100

111 97.3 81.2 121.8

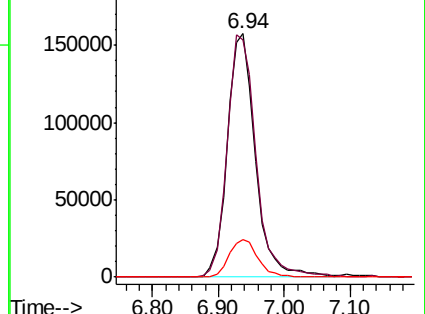
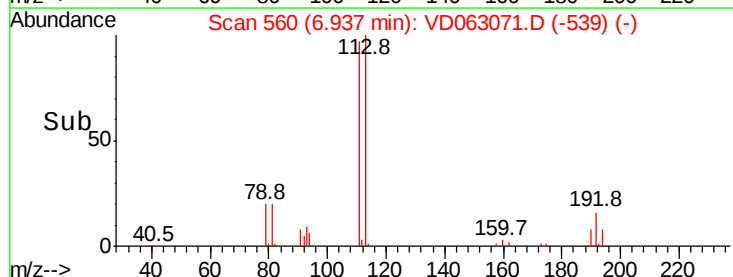
192 15.6 12.9 19.3

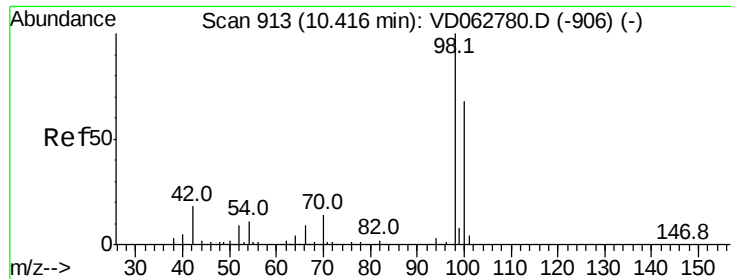


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

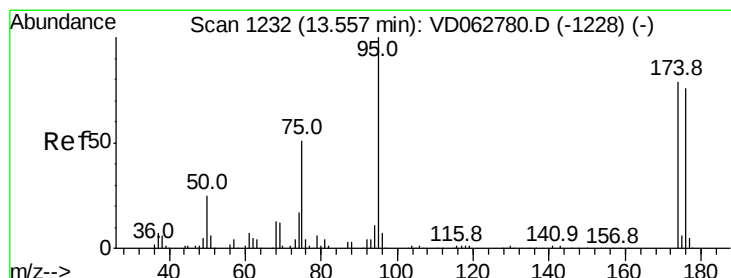
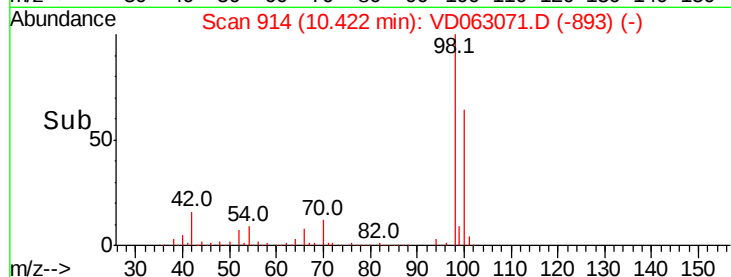
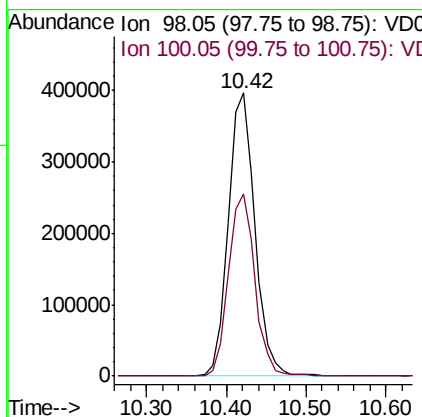
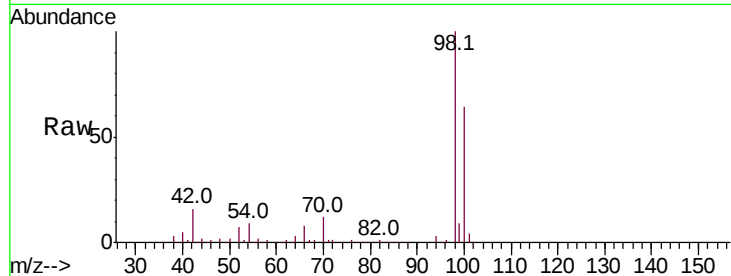




#50
Toluene-d8
Concen: 48.155 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD063071.D
Acq: 12 Jul 2019 15:26

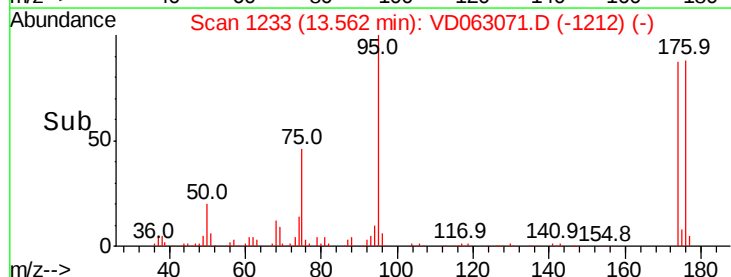
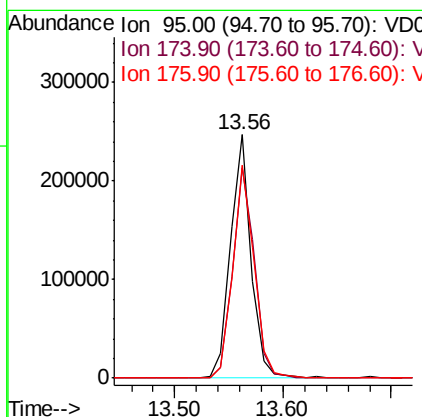
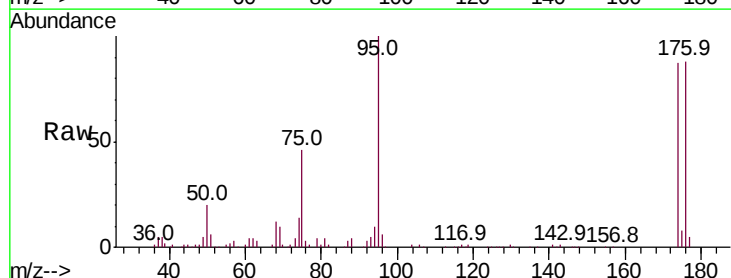
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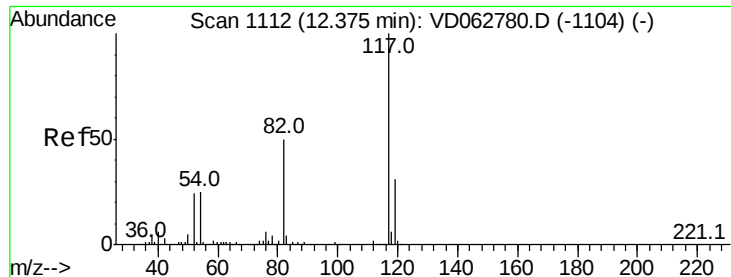
Tot Ion: 98 Resp: 928358
Ion Ratio Lower Upper
98 100
100 64.5 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 37.290 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063071.D
Acq: 12 Jul 2019 15:26

Tgt Ion: 95 Resp: 326887
Ion Ratio Lower Upper
95 100
174 86.5 0.0 158.0
176 87.5 0.0 151.6

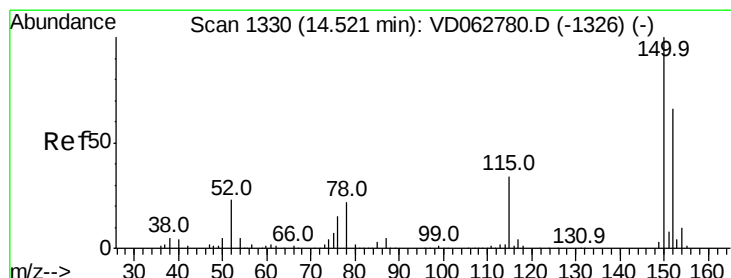
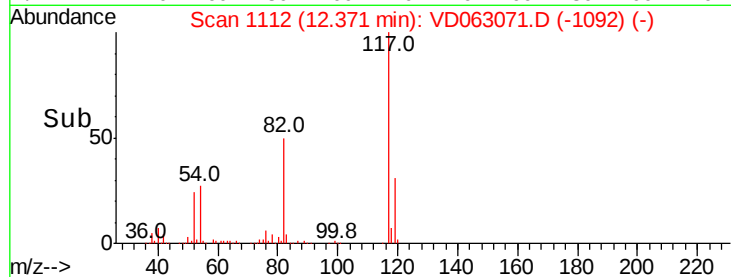
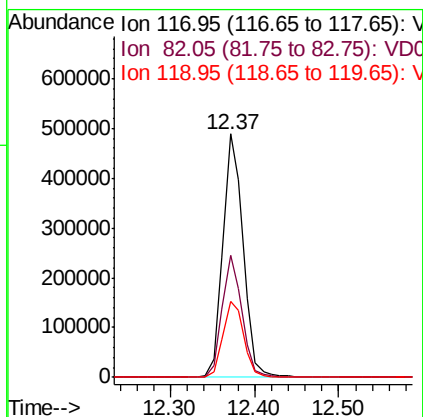
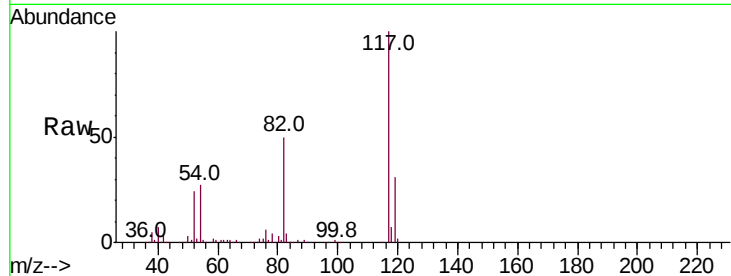




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063071.D
Acq: 12 Jul 2019 15:26

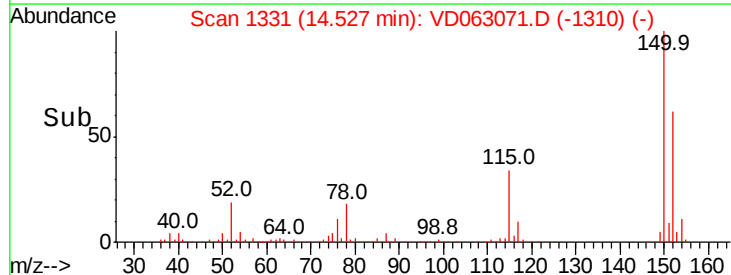
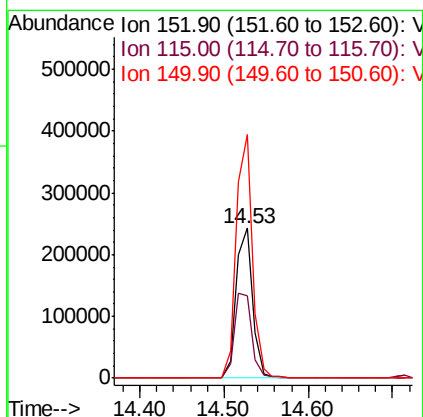
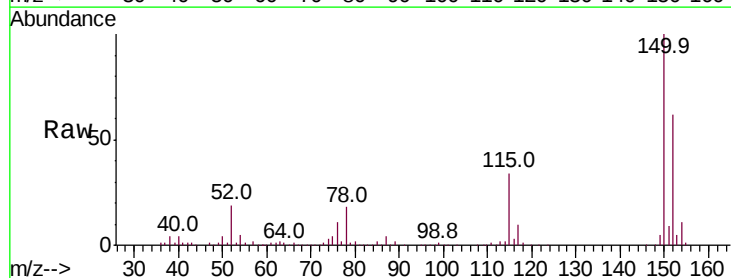
Instrument :
MSVOA_D
ClientSampleId :
D-3X-ROLL-OFF-DUMPSTER-3

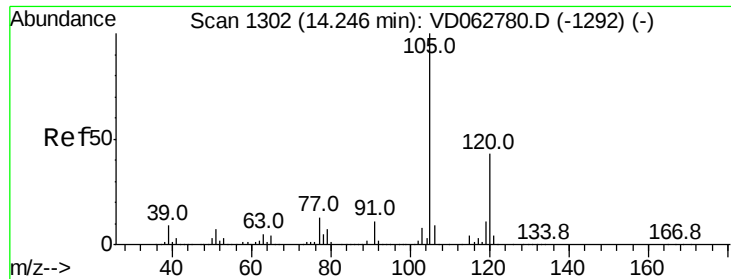
Tot Ion:117 Resp: 811989
Ion Ratio Lower Upper
117 100
82 50.1 40.4 60.6
119 31.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063071.D
Acq: 12 Jul 2019 15:26

Tgt Ion:152 Resp: 330602
Ion Ratio Lower Upper
152 100
115 54.6 29.2 87.6
150 162.4 0.0 305.8





#84
 1,2,4-Trimethylbenzene
 Concen: 3.581 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VD063071.D
 Acq: 12 Jul 2019 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 D-3X-ROLL-OFF-DUMPSTER-3

Tot Ion:105 Resp: 65352
 Ion Ratio Lower Upper
 105 100
 120 47.8 21.3 63.9

