

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063092.D
 Acq On : 15 Jul 2019 20:32
 Operator : VA/AP
 Sample : K3775-03
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jul 16 09:18:46 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	353978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	485107	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	365004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	162203	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	273828	62.10	ug/l	0.00
Spiked Amount			Recovery	=	124.20%	
35) Dibromofluoromethane	6.92	113	229058	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
50) Toluene-d8	10.40	98	457612	44.09	ug/l	0.00
Spiked Amount			Recovery	=	88.18%	
62) 4-Bromofluorobenzene	13.55	95	188264	39.21	ug/l	0.00
Spiked Amount			Recovery	=	78.42%	

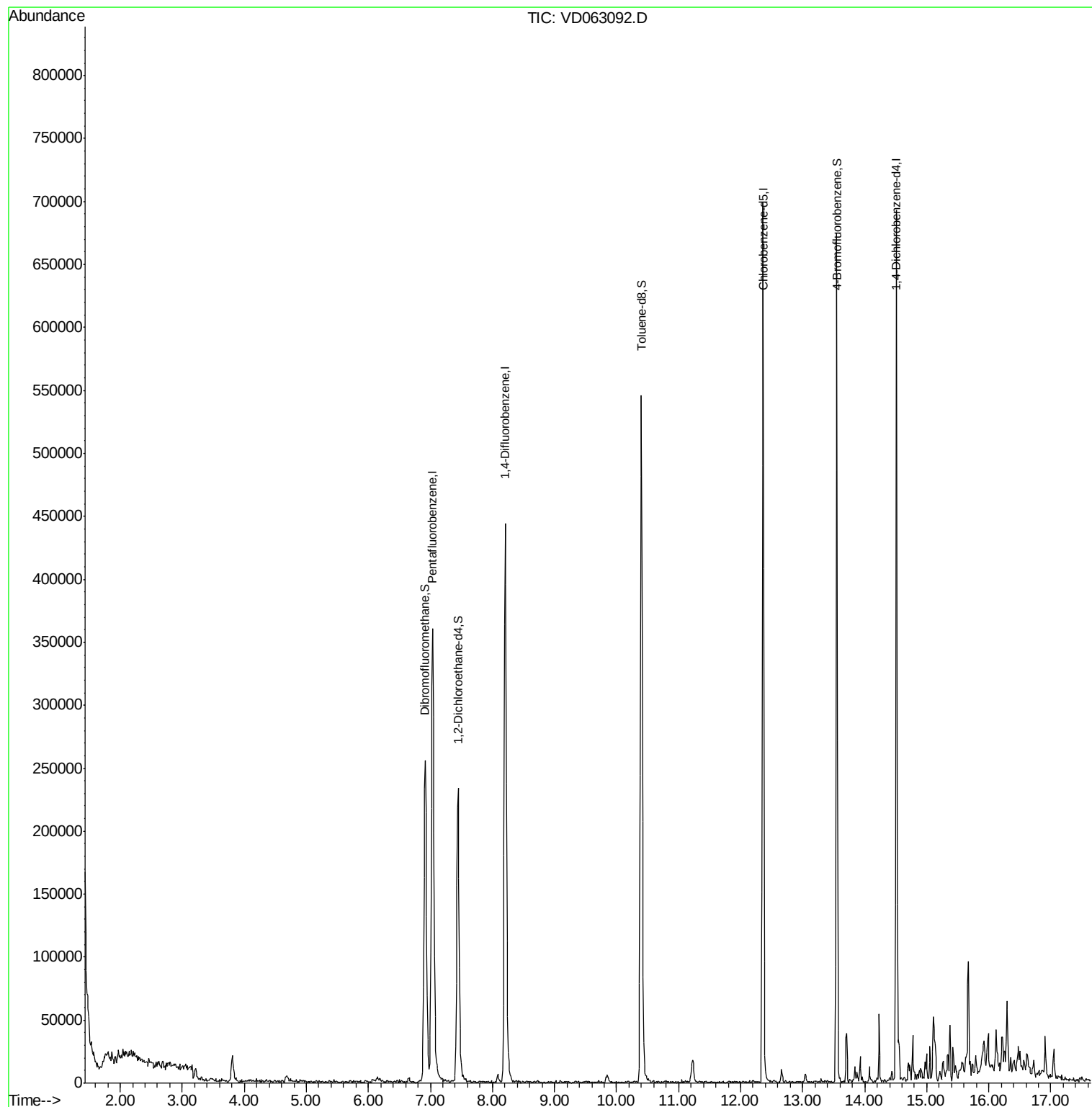
Target Compounds	Qvalue
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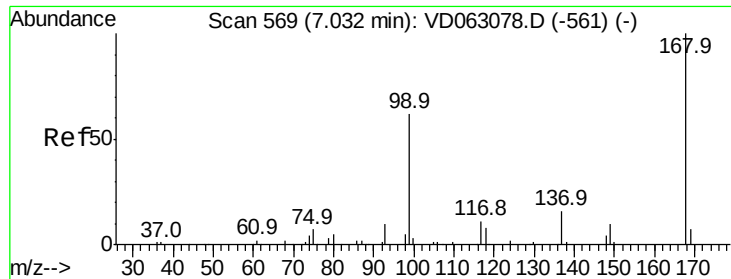
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063092.D

Acq: 15 Jul 2019 20:32

Instrument :

MSVOA_D

ClientSampleId :

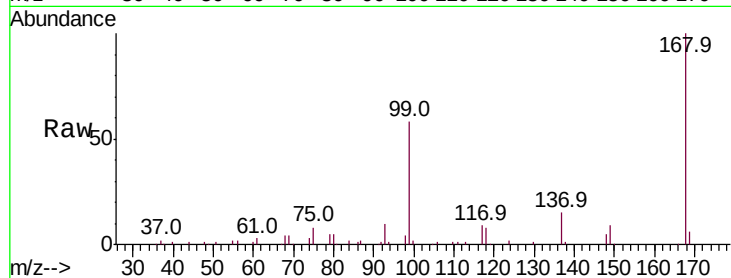
D-3X-ROLL-OFF-DUMPSTER-3

Tot Ion:168 Resp: 353978

Ion Ratio Lower Upper

168 100

99 58.5 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

150000

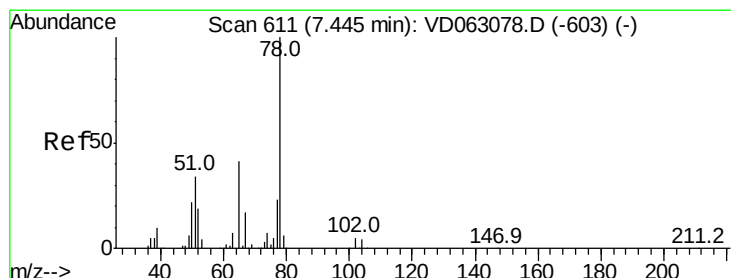
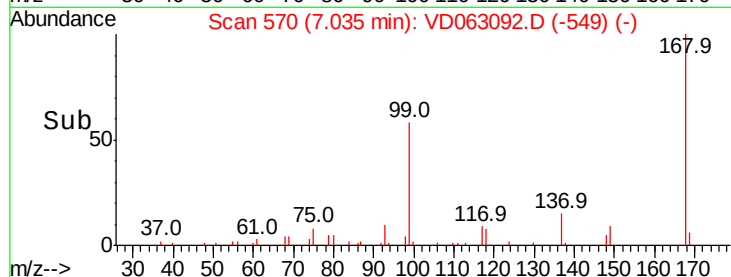
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 62.100 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD063092.D

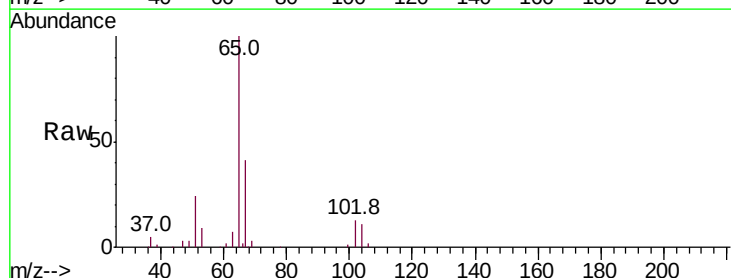
Acq: 15 Jul 2019 20:32

Tgt Ion: 65 Resp: 273828

Ion Ratio Lower Upper

65 100

67 40.6 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

120000

100000

80000

60000

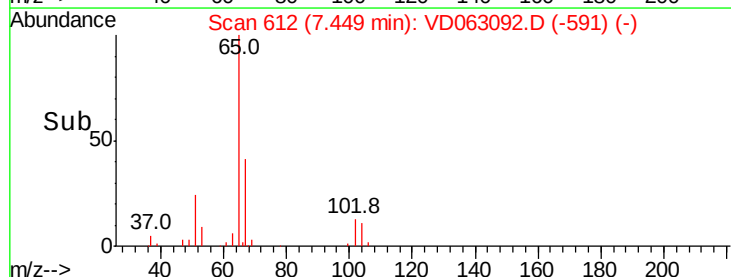
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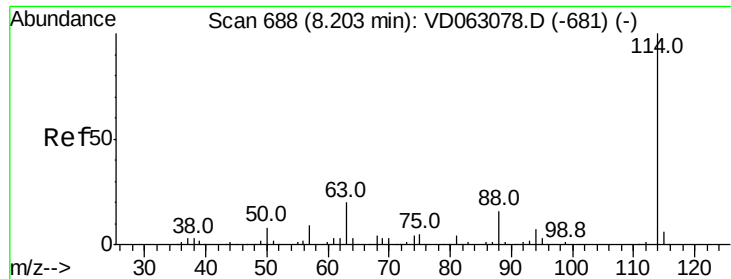
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0

Time-->

7.30 7.40 7.50 7.60

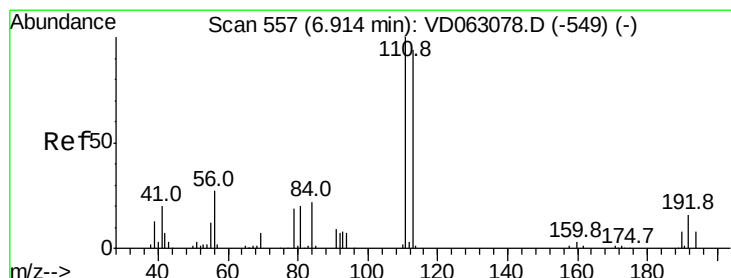
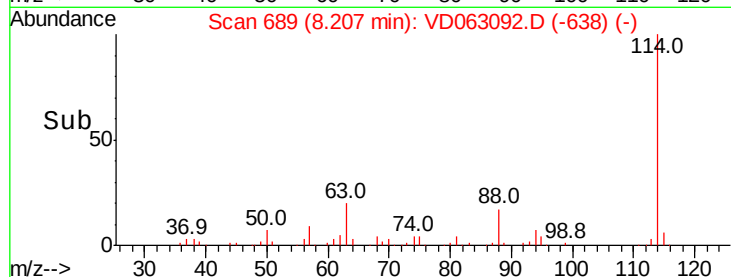
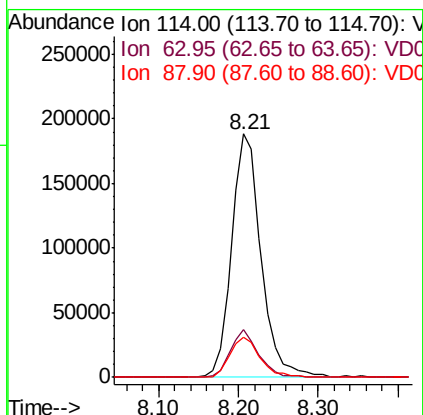
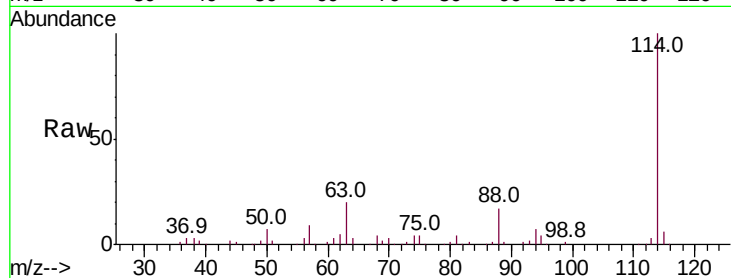




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063092.D
 Acq: 15 Jul 2019 20:32

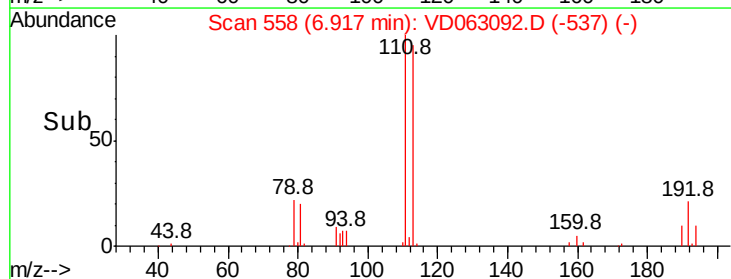
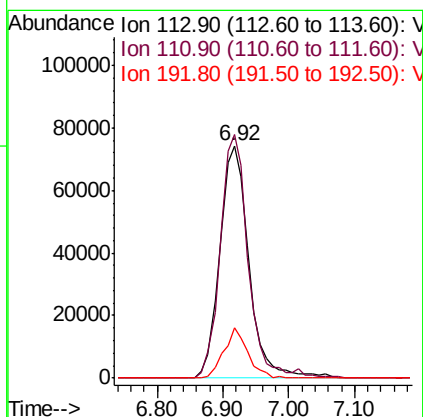
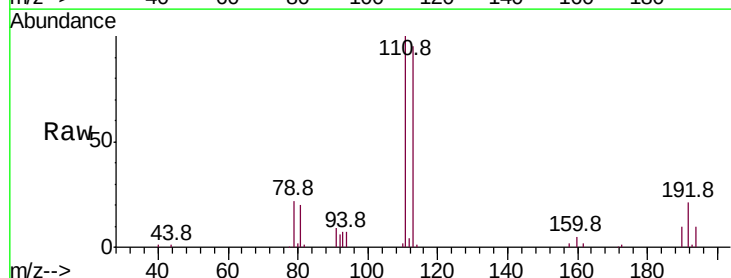
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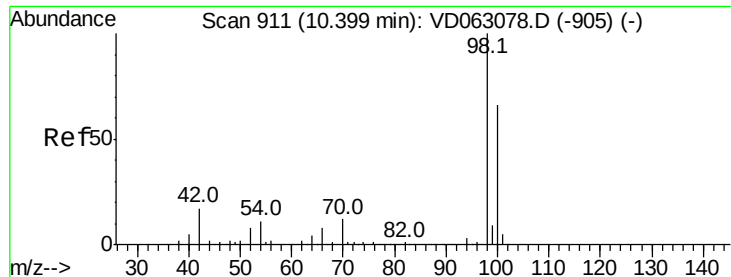
Tot Ion:114 Resp: 485107
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 16.6 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 47.407 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD063092.D
 Acq: 15 Jul 2019 20:32

Tgt Ion:113 Resp: 229058
 Ion Ratio Lower Upper
 113 100
 111 104.7 84.8 127.2
 192 21.8 13.4 20.0#

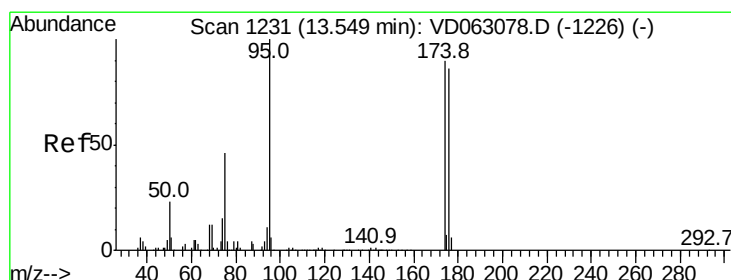
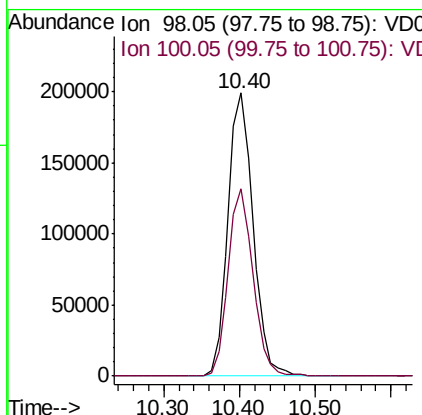
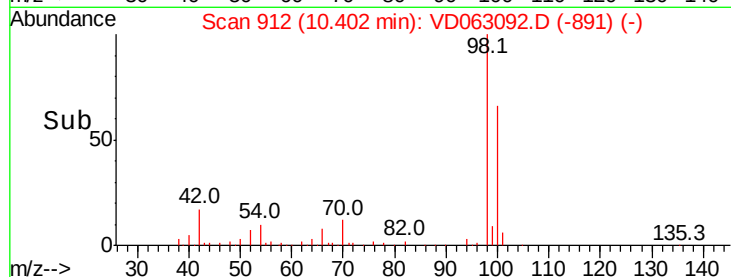
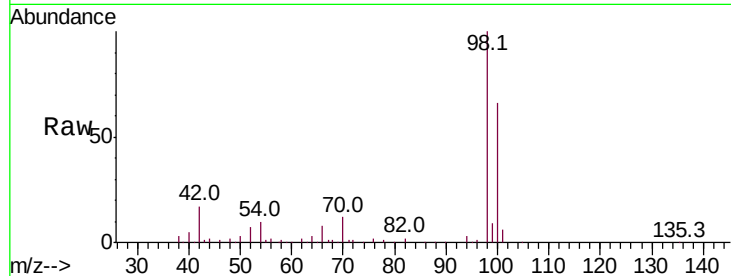




#50
Toluene-d8
Concen: 44.091 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063092.D
Acq: 15 Jul 2019 20:32

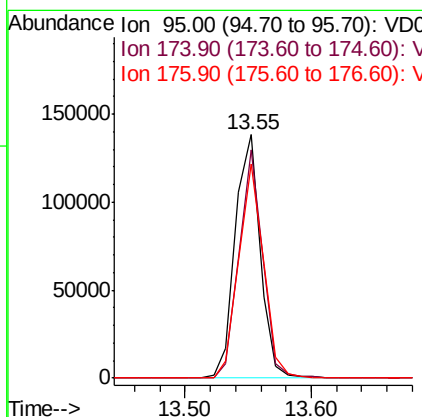
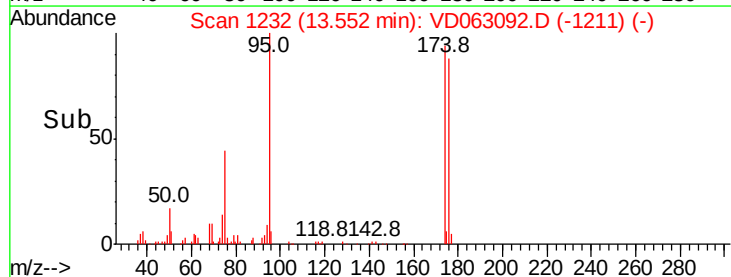
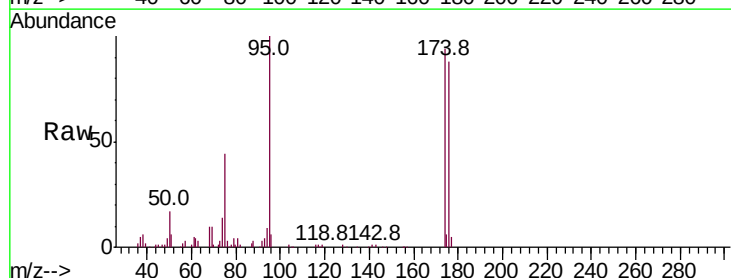
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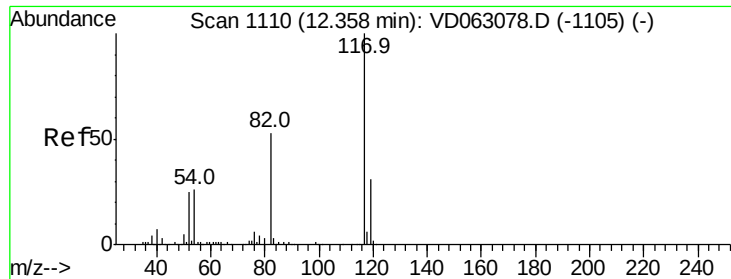
Tot Ion: 98 Resp: 457612
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 39.209 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063092.D
Acq: 15 Jul 2019 20:32

Tgt Ion: 95 Resp: 188264
Ion Ratio Lower Upper
95 100
174 94.0 0.0 180.6
176 87.8 0.0 172.2

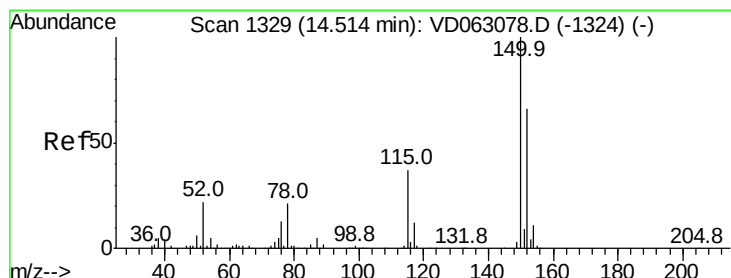
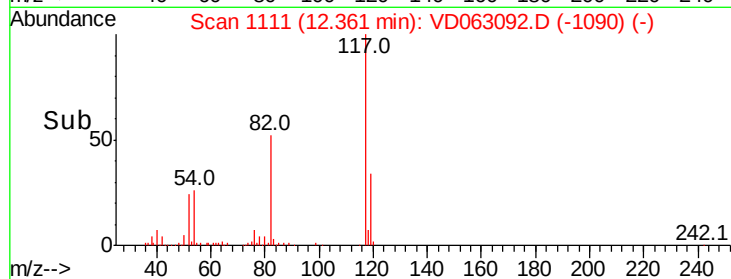
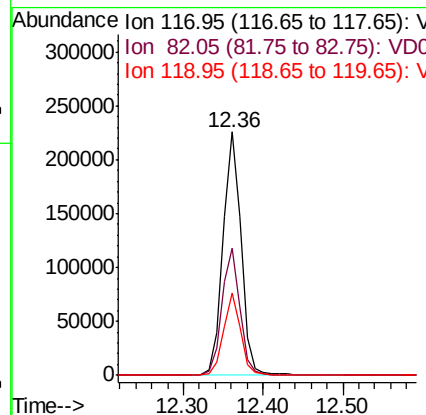
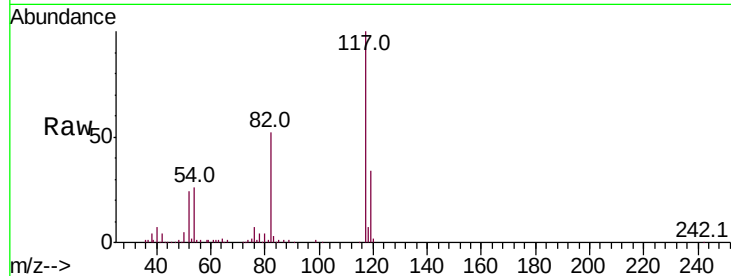




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063092.D
Acq: 15 Jul 2019 20:32

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

Tot Ion:117 Resp: 365004
Ion Ratio Lower Upper
117 100
82 52.0 42.3 63.5
119 33.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063092.D
Acq: 15 Jul 2019 20:32

Tgt Ion:152 Resp: 162203
Ion Ratio Lower Upper
152 100
115 48.0 28.9 86.8
150 145.3 0.0 313.8

