

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063175.D
 Acq On : 22 Jul 2019 14:25
 Operator : VA/AP
 Sample : K3868-05
 Misc : 6.01g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jul 23 08:12:48 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	7.06	168	934773	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1261407	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1029241	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	493634	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	699507	60.07	ug/l	0.01
Spiked Amount 50.000			Recovery	=	120.14%	
35) Dibromofluoromethane	6.93	113	720193	57.32	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.64%	
50) Toluene-d8	10.41	98	1545777	57.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.56%	
62) 4-Bromofluorobenzene	13.56	95	616635	49.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.78%	

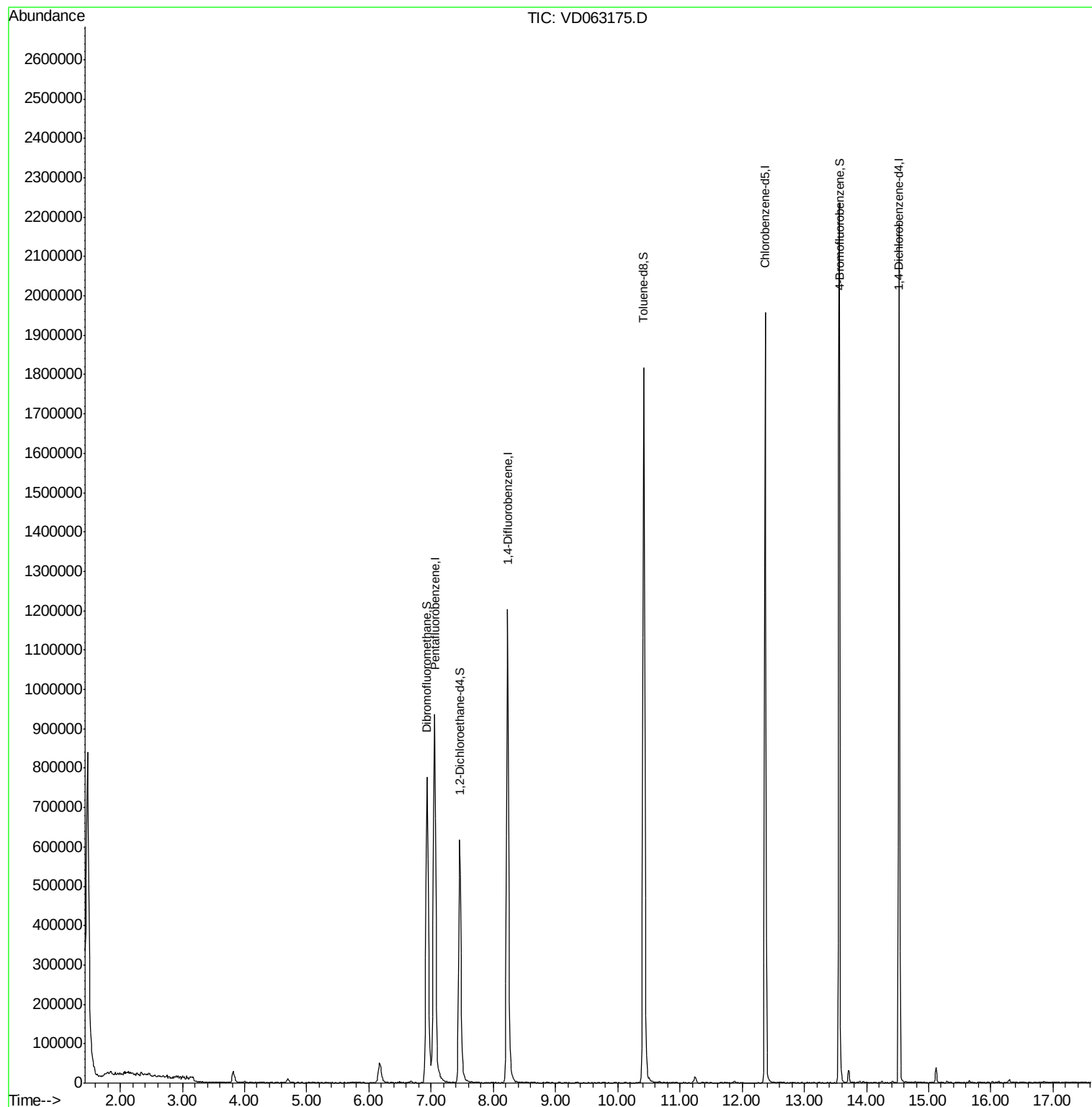
Target Compounds	Qvalue
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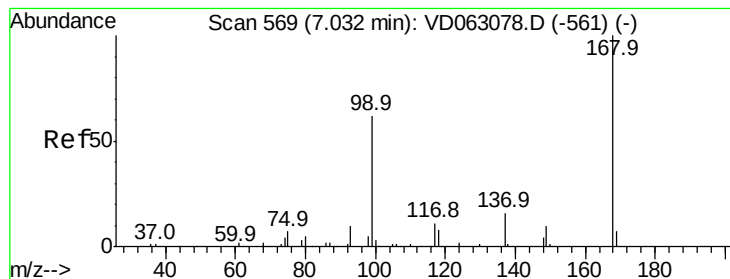
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063175.D

Acq: 22 Jul 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

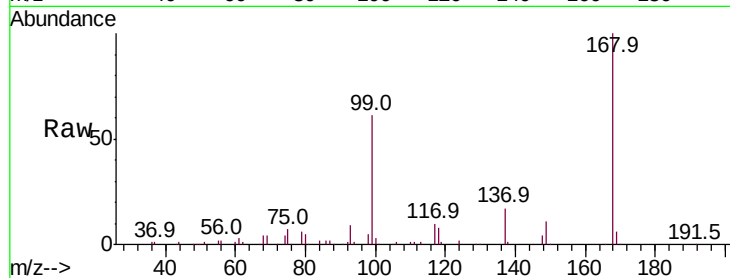
TP-1

Tot Ion:168 Resp: 934773

Ion Ratio Lower Upper

168 100

99 61.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

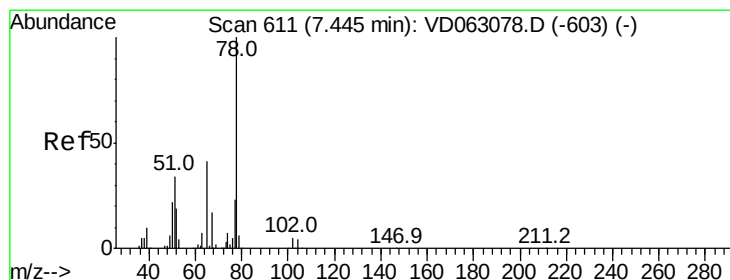
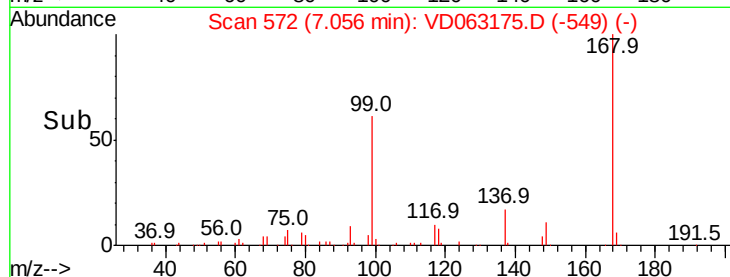
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.072 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD063175.D

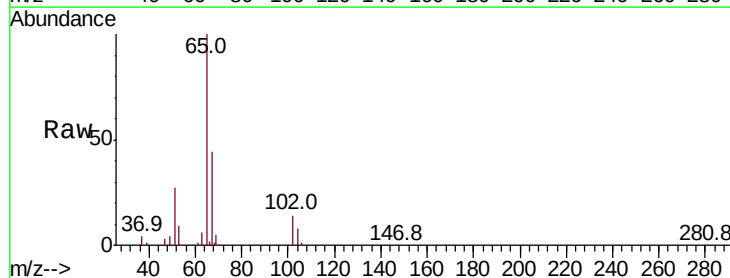
Acq: 22 Jul 2019 14:25

Tgt Ion: 65 Resp: 699507

Ion Ratio Lower Upper

65 100

67 44.3 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

300000

250000

200000

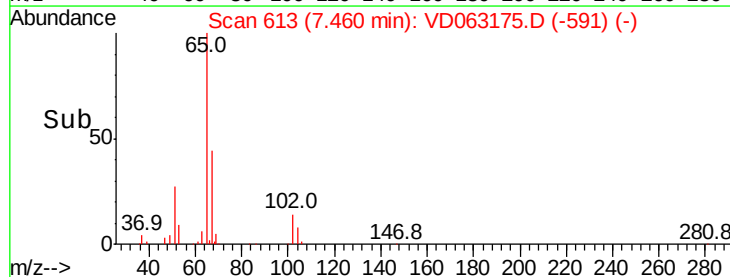
150000

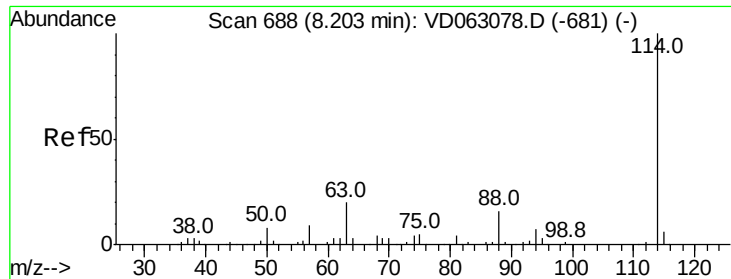
100000

50000

0

Time-->



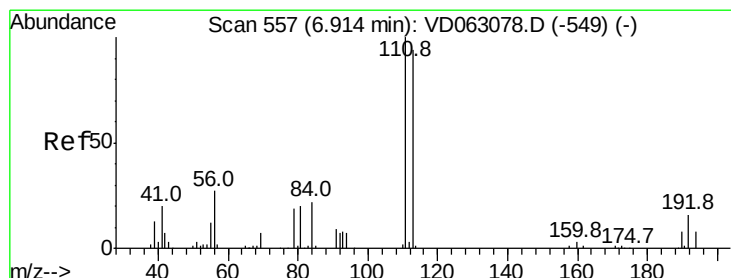
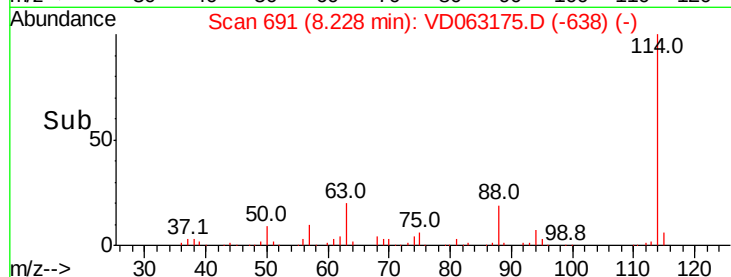
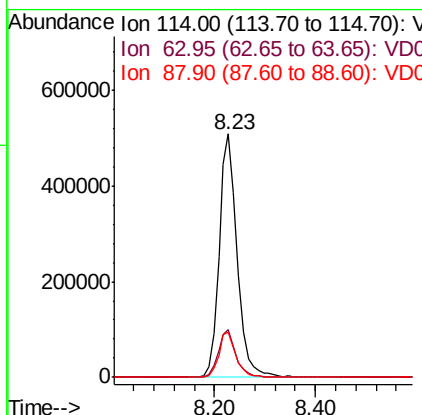
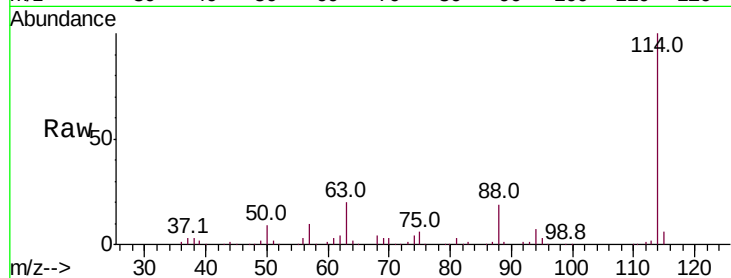


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063175.D
 Acq: 22 Jul 2019 14:25

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion:114 Resp: 1261407

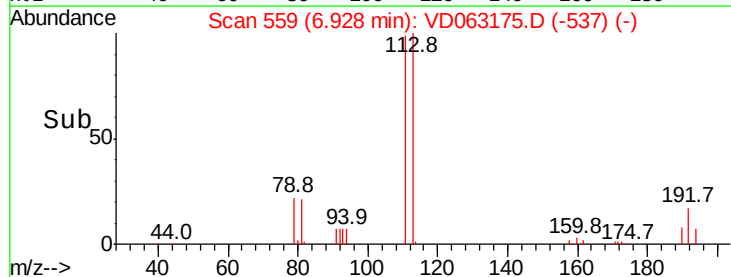
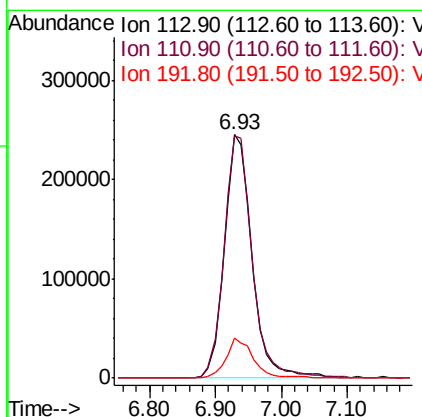
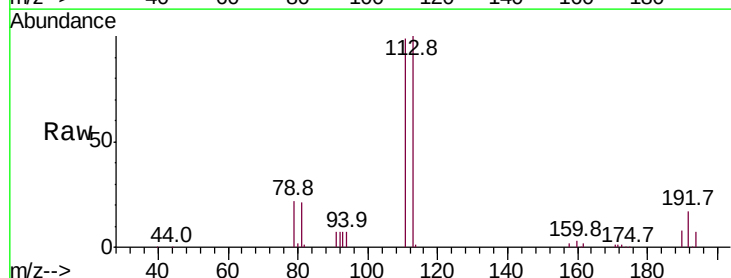
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.6
88	18.7	0.0	32.6

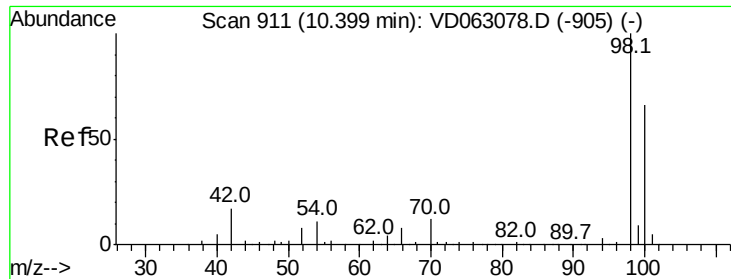


#35
 Dibromofluoromethane
 Concen: 57.322 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD063175.D
 Acq: 22 Jul 2019 14:25

Tgt Ion:113 Resp: 720193

Ion	Ratio	Lower	Upper
113	100		
111	99.4	84.8	127.2
192	16.7	13.4	20.0





#50

Toluene-d8

Concen: 57.278 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063175.D

Acq: 22 Jul 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

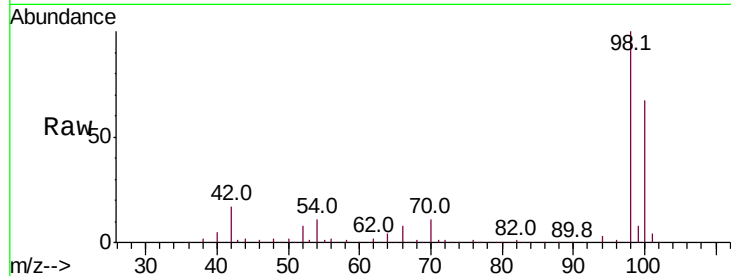
TP-1

Tot Ion: 98 Resp: 1545777

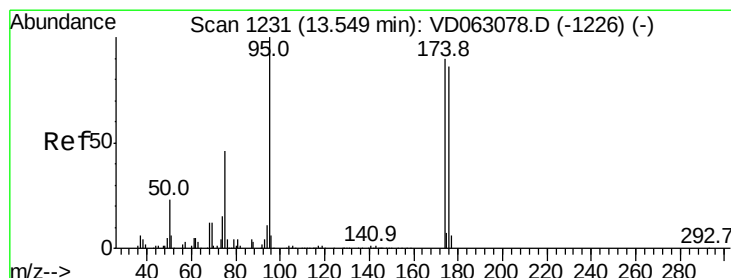
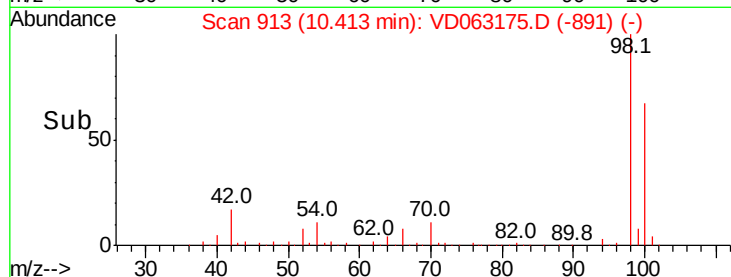
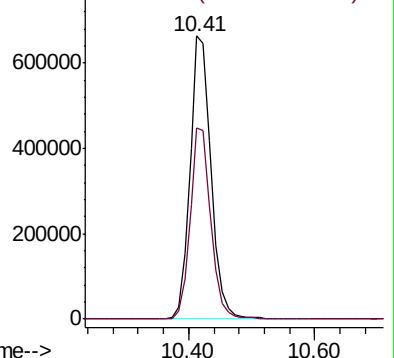
Ion Ratio Lower Upper

98 100

100 67.4 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063175.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: 49.389 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063175.D

Acq: 22 Jul 2019 14:25

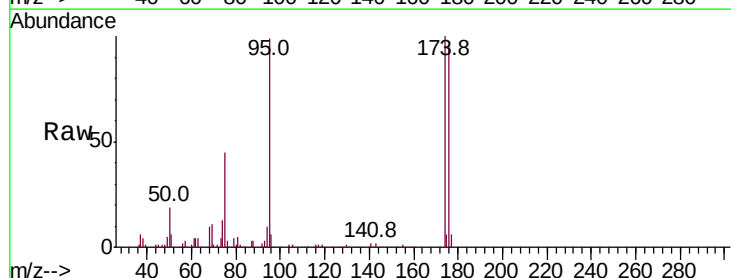
Tgt Ion: 95 Resp: 616635

Ion Ratio Lower Upper

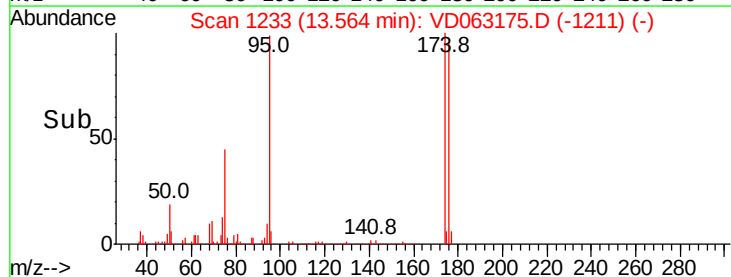
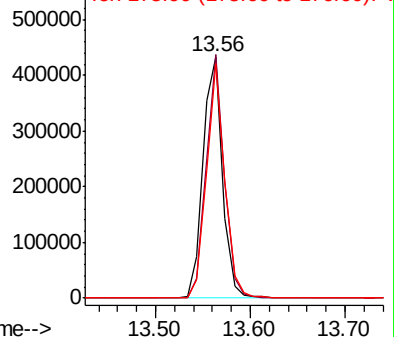
95 100

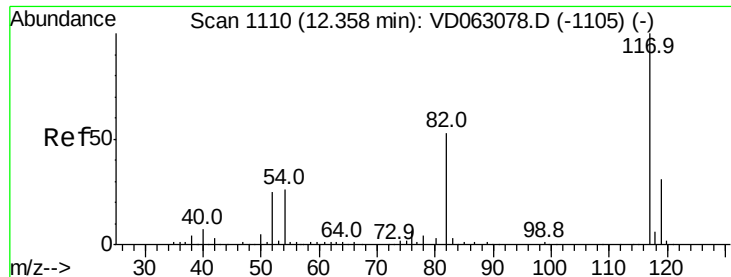
174 100.8 0.0 180.6

176 96.9 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VD063175.D (-1211) (-)

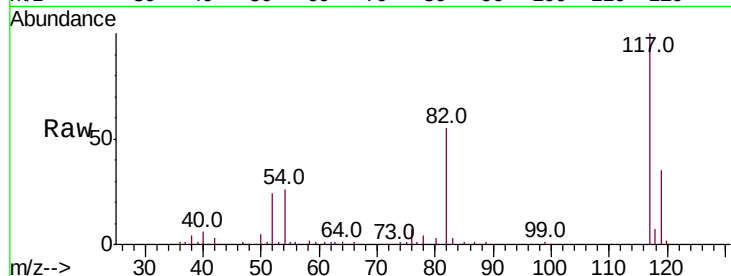




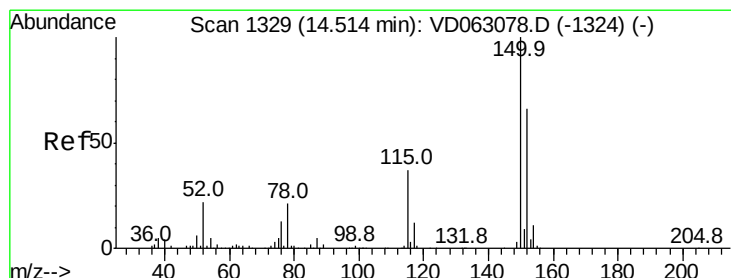
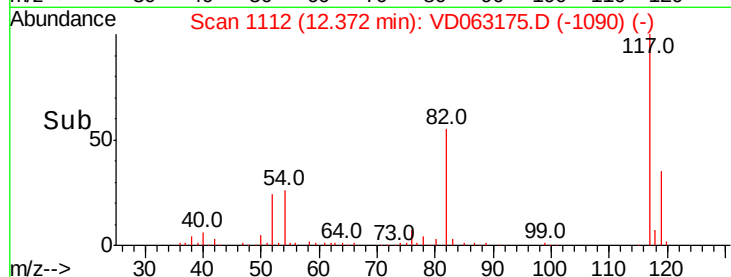
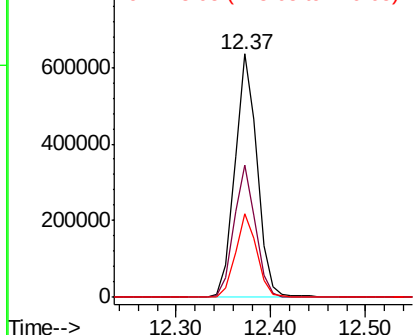
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063175.D
Acq: 22 Jul 2019 14:25

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 1029241
Ion Ratio Lower Upper
117 100
82 54.6 42.3 63.5
119 34.5 25.2 37.8

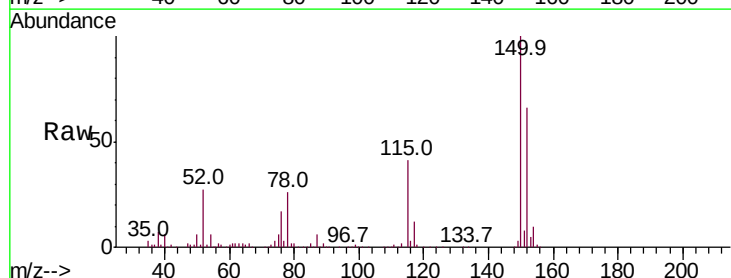


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063175.D
Acq: 22 Jul 2019 14:25

Tgt Ion:152 Resp: 493634
Ion Ratio Lower Upper
152 100
115 62.4 28.9 86.8
150 151.7 0.0 313.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

