

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
 Data File : VD063157.D
 Acq On : 19 Jul 2019 16:46
 Operator : VA/AP
 Sample : K3807-02
 Misc : 6.51a/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-053

Quant Time: Jul 20 05:35:31 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	609964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	793681	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	569786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	191312	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	466204	61.36	ug/l	0.00
Spiked Amount			Recovery	=	122.72%	
35) Dibromofluoromethane	6.92	113	463963	58.69	ug/l	0.00
Spiked Amount			Recovery	=	117.38%	
50) Toluene-d8	10.41	98	898932	52.94	ug/l	0.02
Spiked Amount			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	13.55	95	306629	39.03	ug/l	0.00
Spiked Amount			Recovery	=	78.06%	

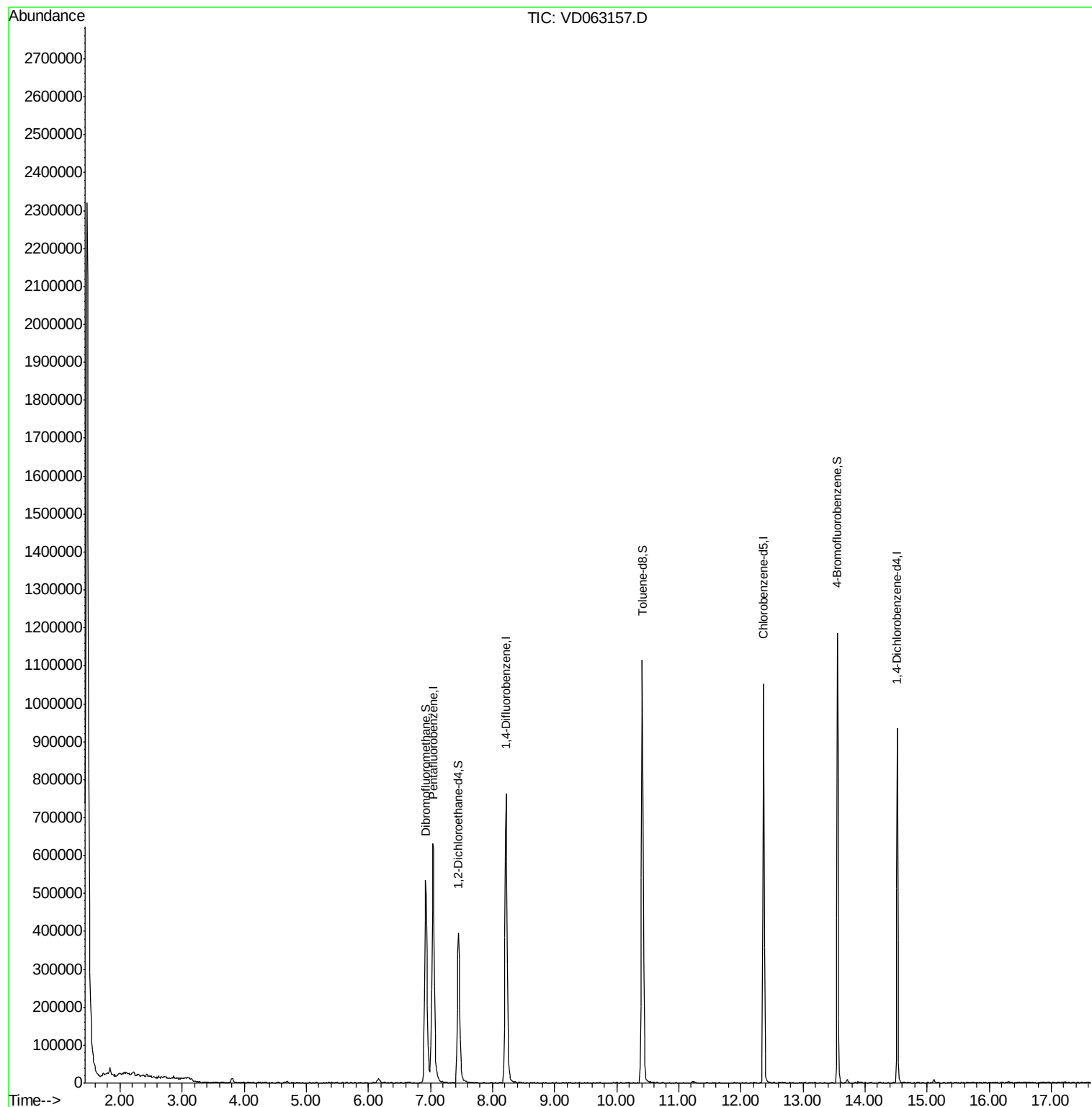
Target Compounds	Qvalue
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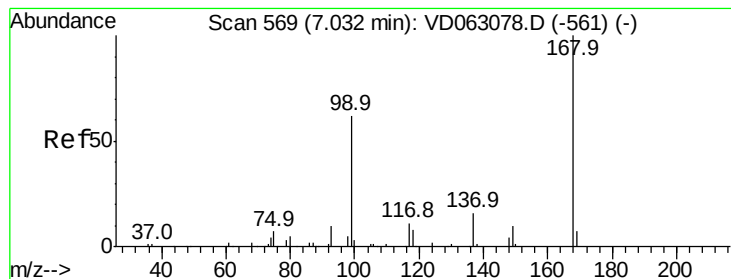
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063157.D

Acq: 19 Jul 2019 16:46

Instrument :

MSVOA_D

ClientSampleId :

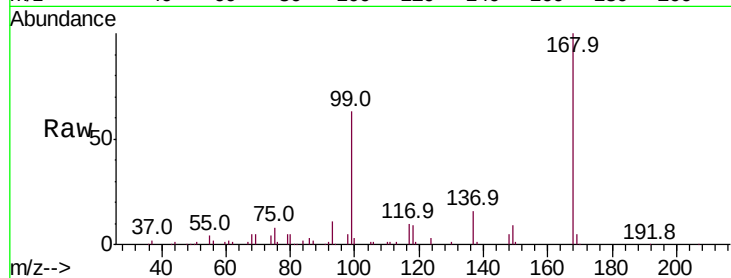
FK-PS-01-053

Tot Ion:168 Resp: 609964

Ion Ratio Lower Upper

168 100

99 62.6 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

200000

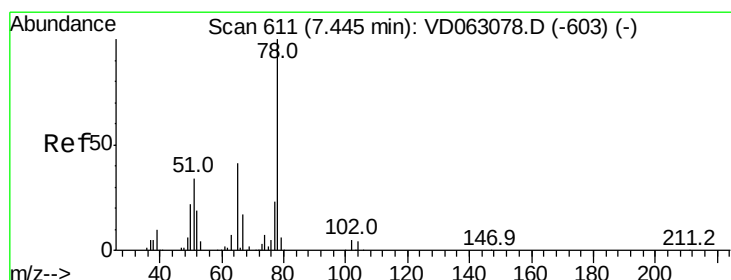
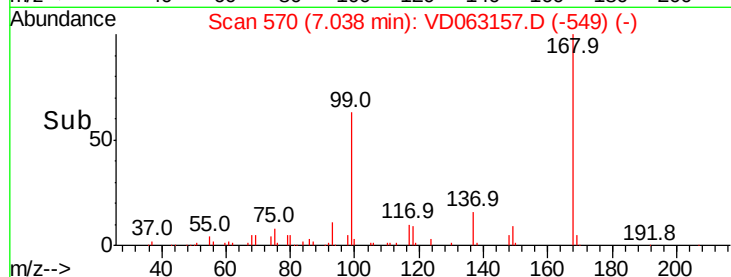
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.357 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063157.D

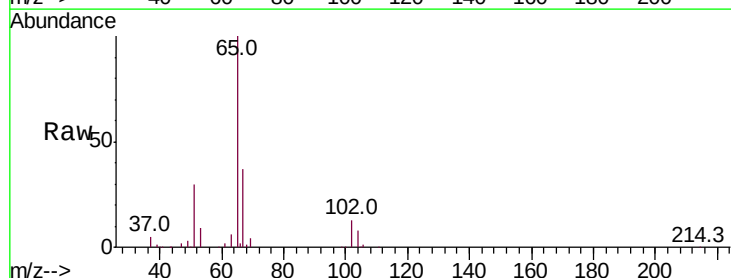
Acq: 19 Jul 2019 16:46

Tgt Ion: 65 Resp: 466204

Ion Ratio Lower Upper

65 100

67 37.3 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

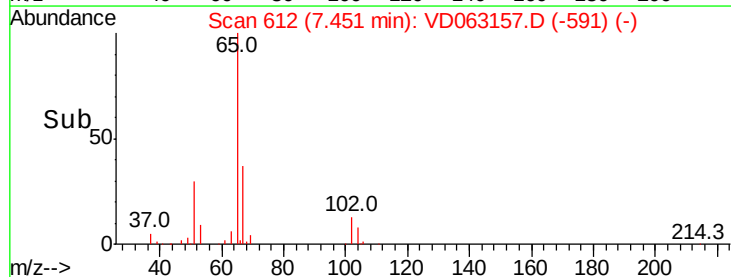
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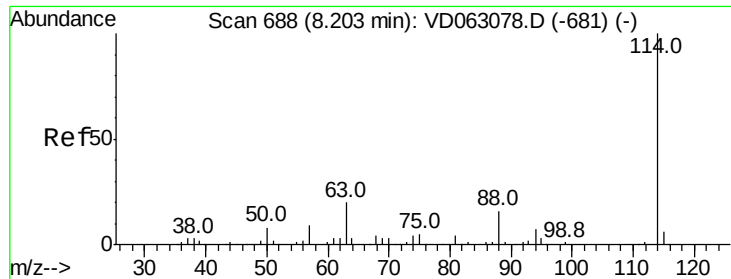
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50000

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Time-->

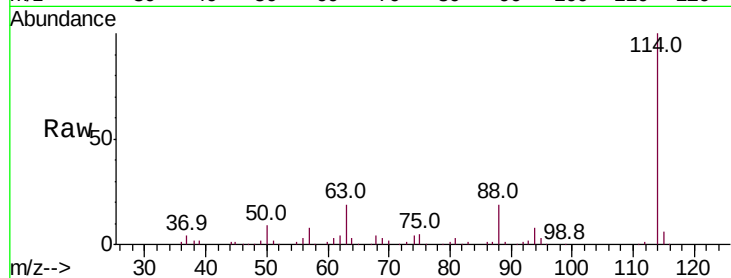




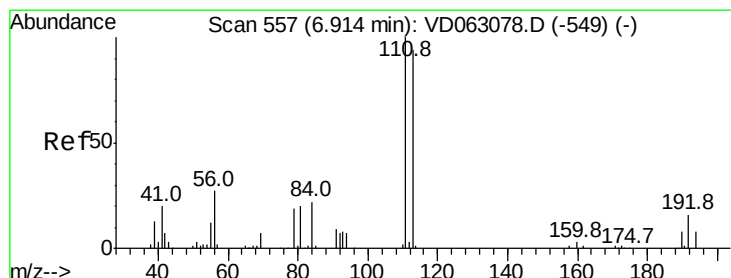
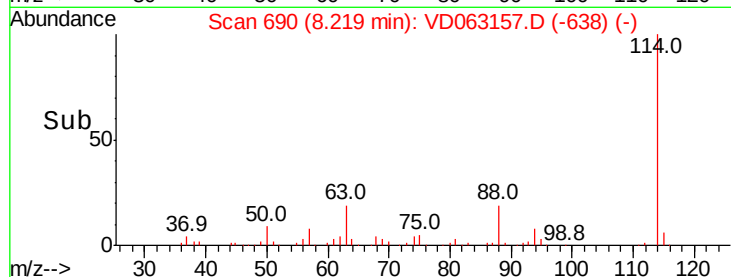
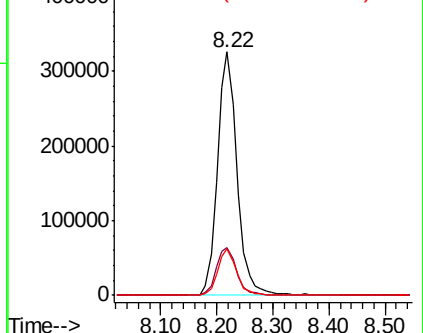
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD063157.D
 Acq: 19 Jul 2019 16:46

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-053

Tot Ion:114 Resp: 793681
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 19.4 0.0 32.6

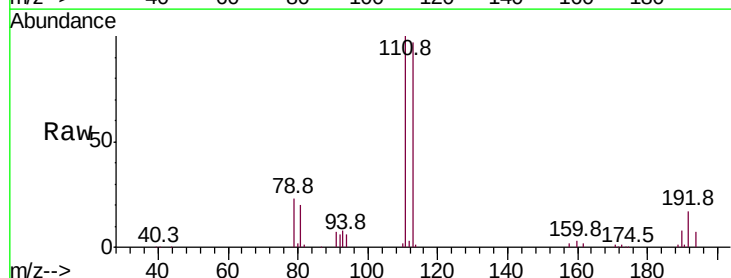


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

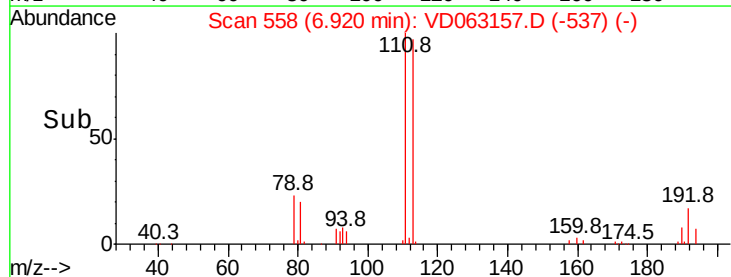
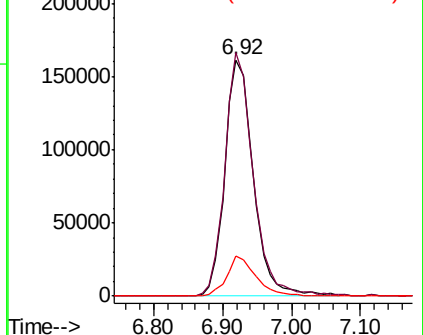


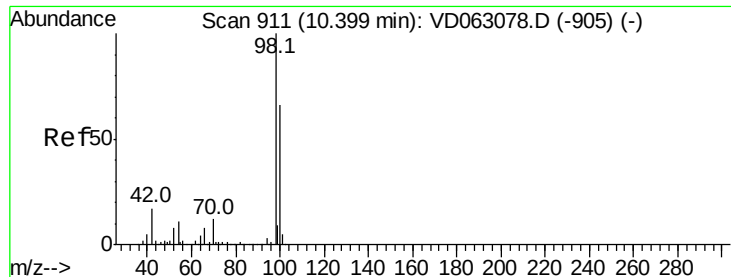
#35
 Dibromofluoromethane
 Concen: 58.690 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063157.D
 Acq: 19 Jul 2019 16:46

Tgt Ion:113 Resp: 463963
 Ion Ratio Lower Upper
 113 100
 111 103.0 84.8 127.2
 192 17.2 13.4 20.0



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: 52.939 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD063157.D

Acq: 19 Jul 2019 16:46

Instrument :

MSVOA_D

ClientSampleId :

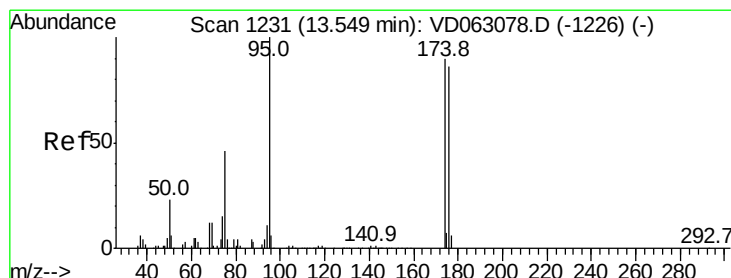
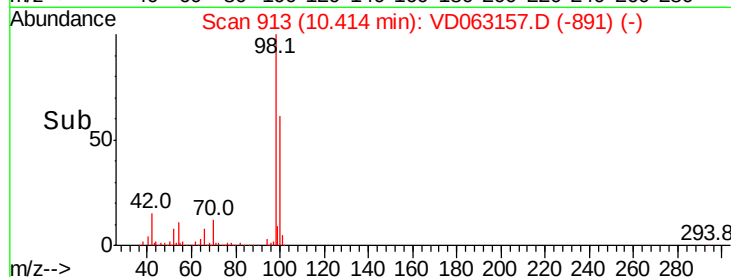
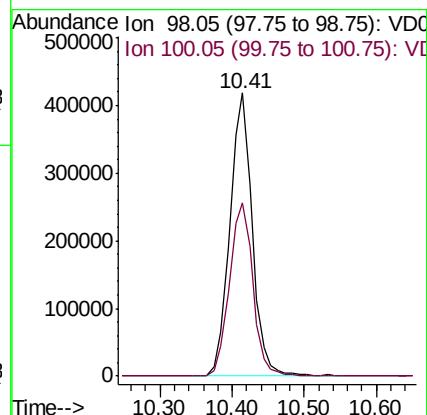
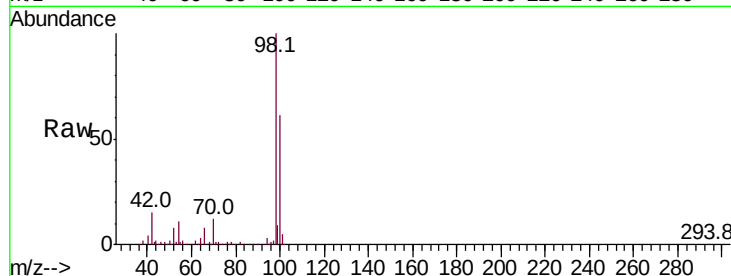
FK-PS-01-053

Tot Ion: 98 Resp: 898932

Ion Ratio Lower Upper

98 100

100 61.3 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 39.032 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063157.D

Acq: 19 Jul 2019 16:46

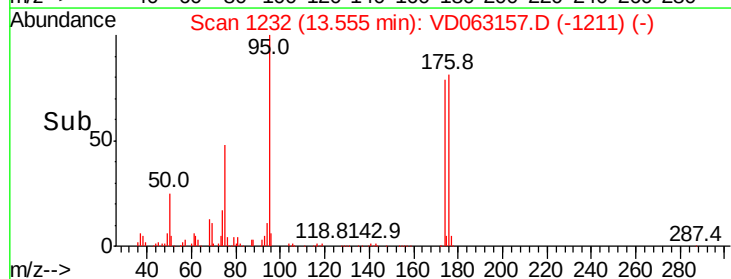
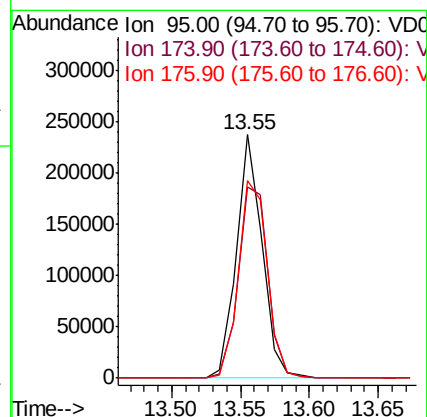
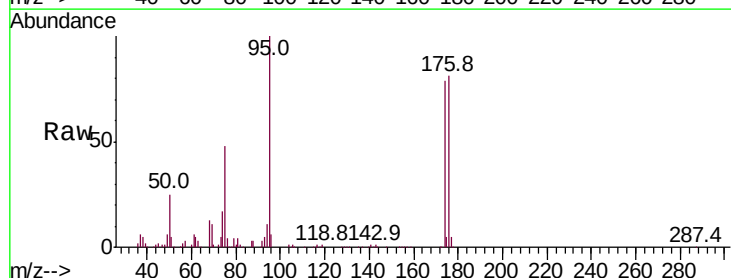
Tgt Ion: 95 Resp: 306629

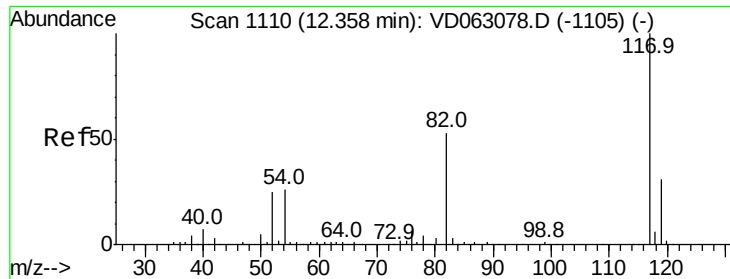
Ion Ratio Lower Upper

95 100

174 78.5 0.0 180.6

176 81.1 0.0 172.2

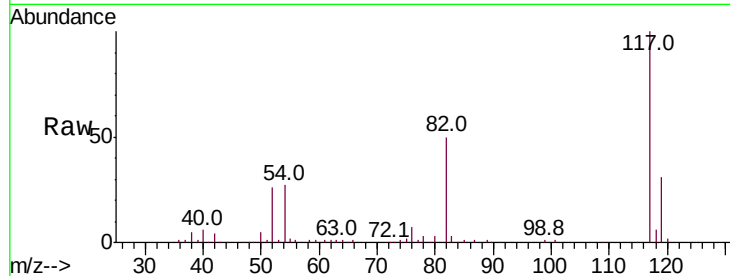




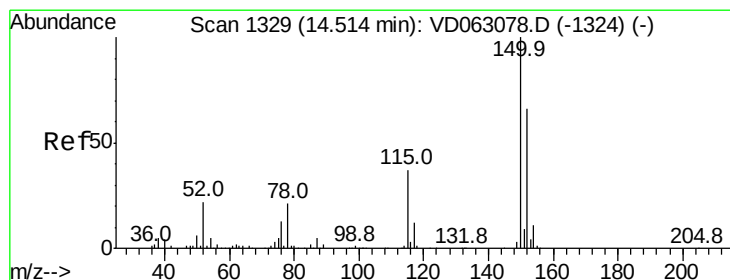
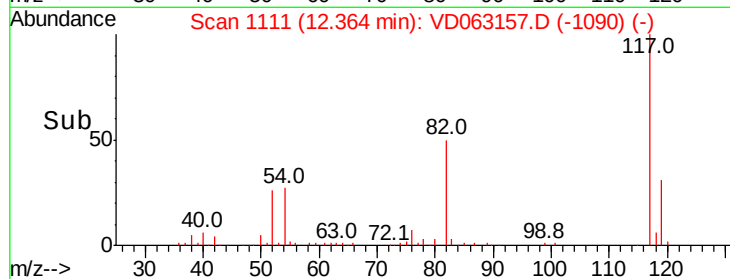
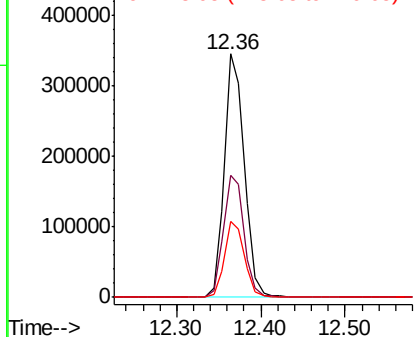
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063157.D
Acq: 19 Jul 2019 16:46

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-053

Tot Ion:117 Resp: 569786
Ion Ratio Lower Upper
117 100
82 50.0 42.3 63.5
119 31.2 25.2 37.8

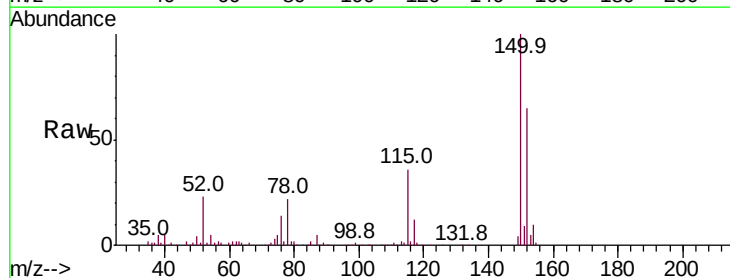


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063157.D
Acq: 19 Jul 2019 16:46

Tgt Ion:152 Resp: 191312
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.8
150 153.6 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

