

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101419\
 Data File : VD063959.D
 Acq On : 14 Oct 2019 16:52
 Operator : VA/SY
 Sample : K5356-01
 Misc : 6.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12017

Quant Time: Oct 14 18:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	150875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	267737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	267989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129890	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	83927	57.14	ug/l	0.00
Spiked Amount						
			Recovery	=	114.28%	
35) Dibromofluoromethane	7.91	113	82065	50.16	ug/l	0.00
Spiked Amount						
			Recovery	=	100.32%	
50) Toluene-d8	10.34	98	352319	53.05	ug/l	0.00
Spiked Amount						
			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.64	95	104580	45.32	ug/l	0.00
Spiked Amount						
			Recovery	=	90.64%	

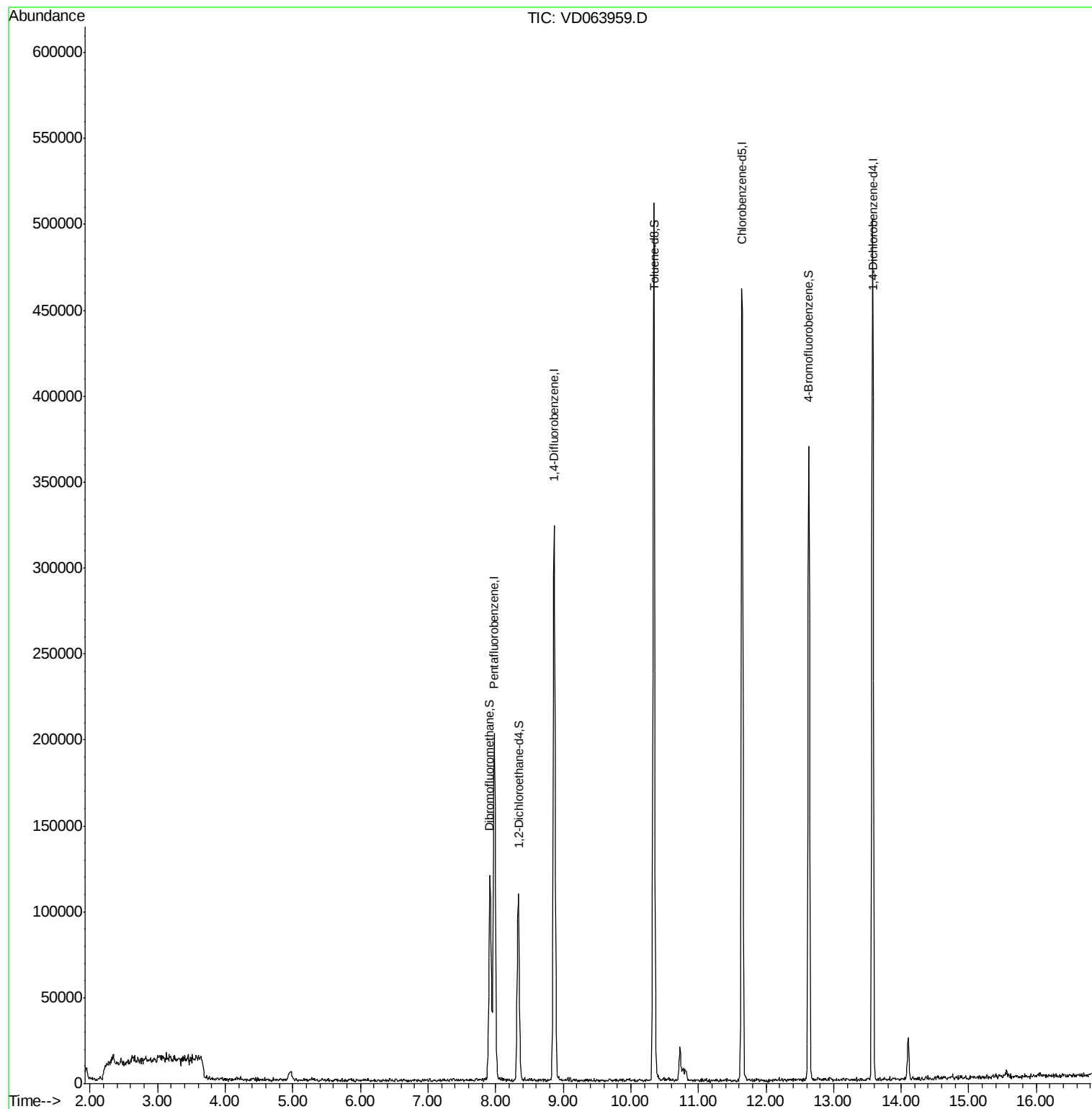
Target Compounds	Qvalue
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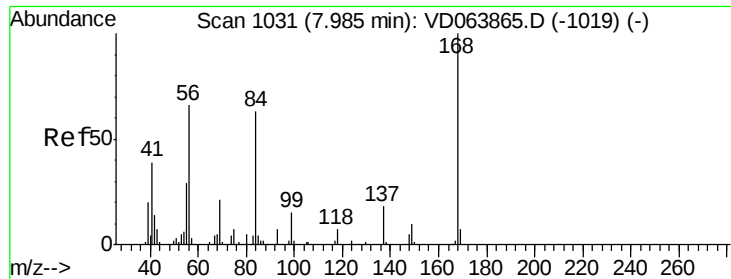
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 05 03:51:17 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063959.D

Acq: 14 Oct 2019 16:52

Instrument :

MSVOA_D

ClientSampleId :

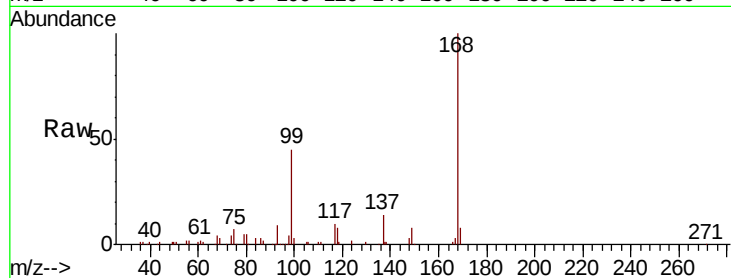
72-12017

Tot Ion:168 Resp: 150875

Ion Ratio Lower Upper

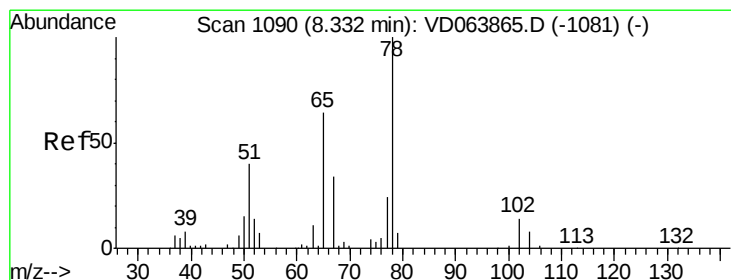
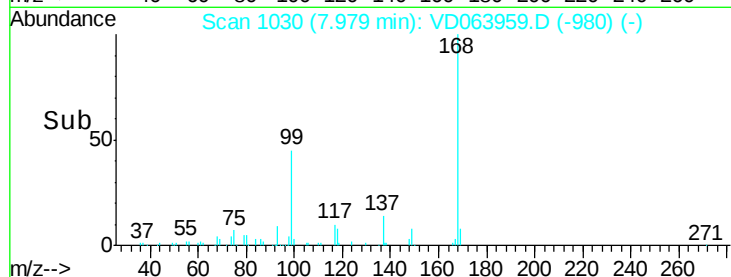
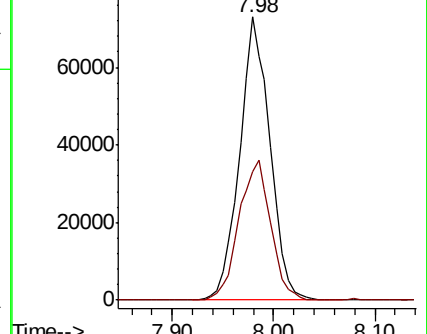
168 100

99 45.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 57.137 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063959.D

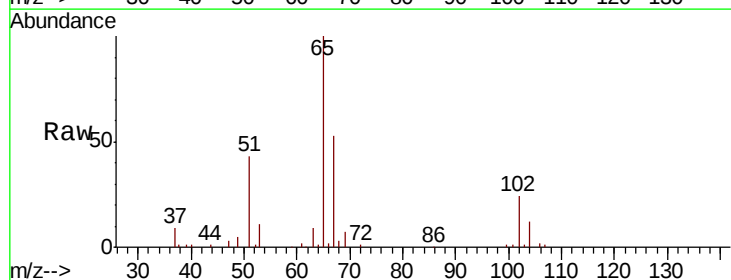
Acq: 14 Oct 2019 16:52

Tgt Ion: 65 Resp: 83927

Ion Ratio Lower Upper

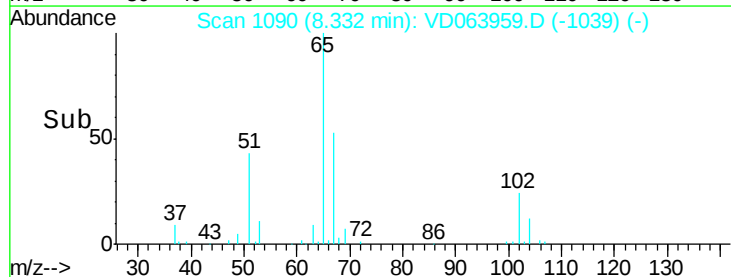
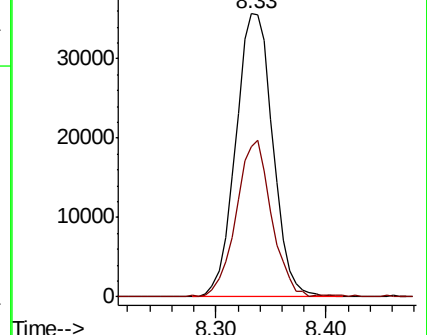
65 100

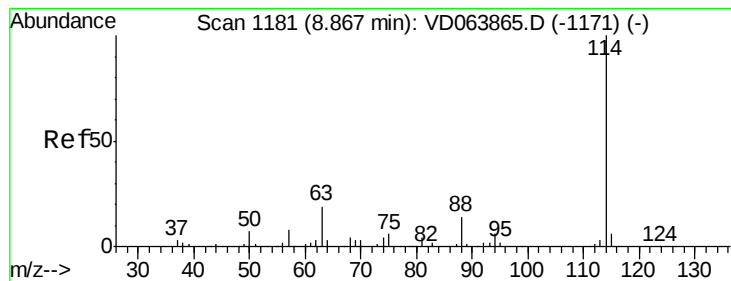
67 52.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD063959.D

Acq: 14 Oct 2019 16:52

Instrument :

MSVOA_D

ClientSampleId :

72-12017

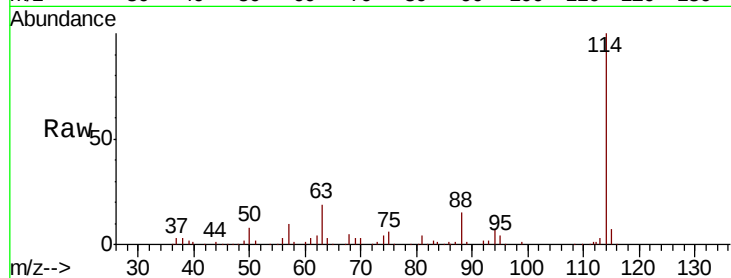
Tot Ion:114 Resp: 267737

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

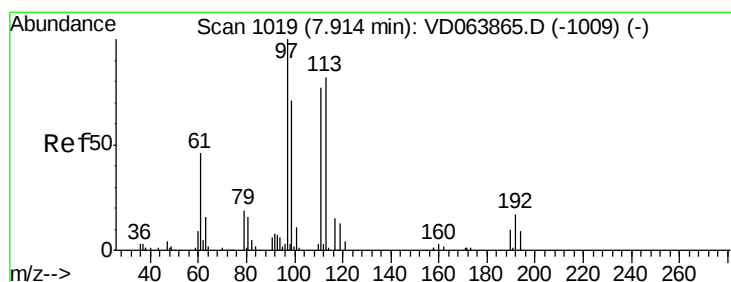
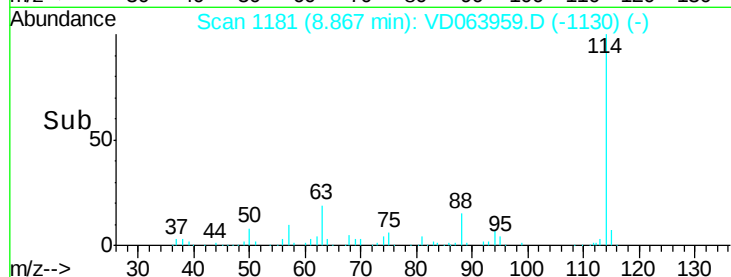
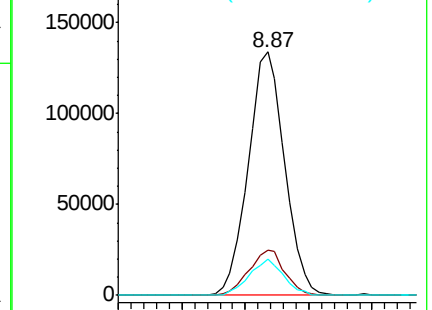
88 15.1 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.155 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD063959.D

Acq: 14 Oct 2019 16:52

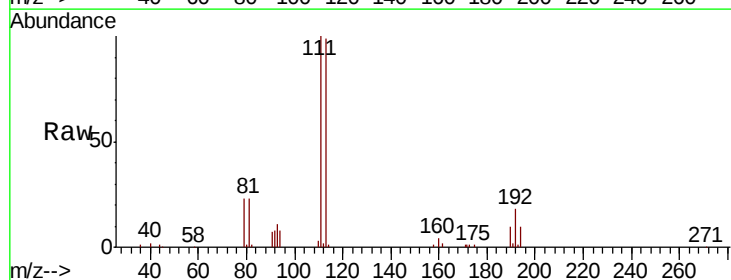
Tgt Ion:113 Resp: 82065

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

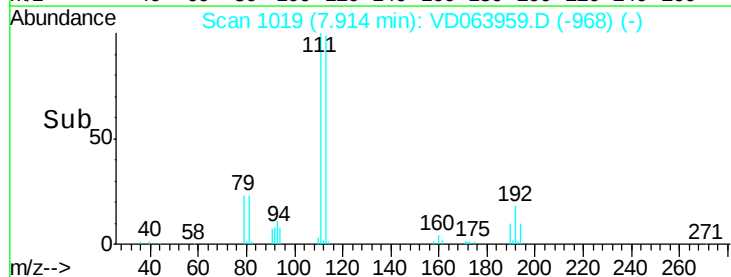
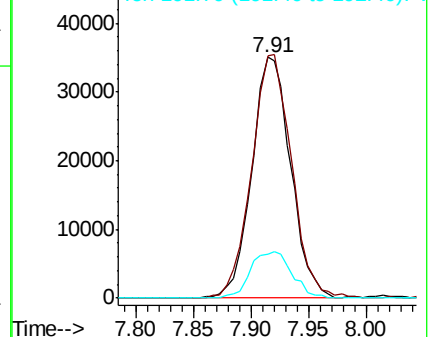
192 20.6 17.1 25.7

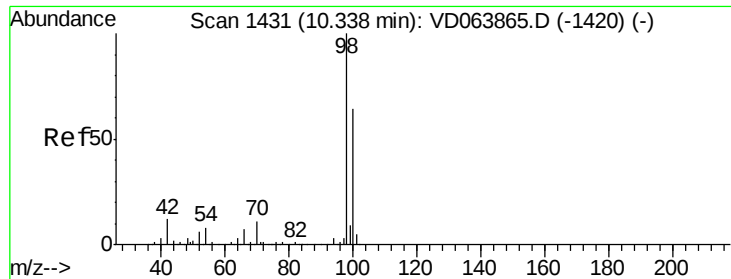


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

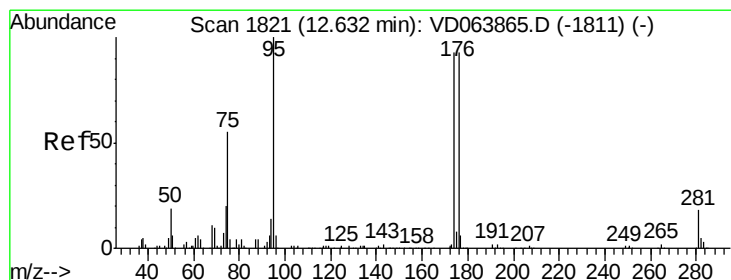
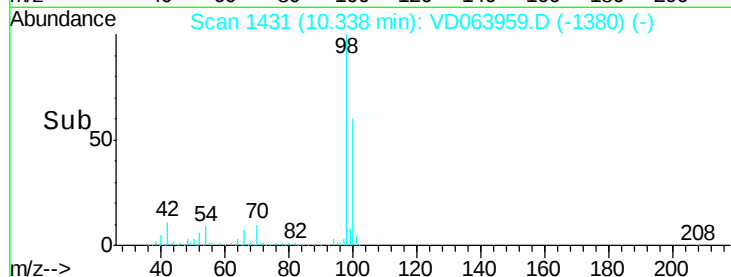
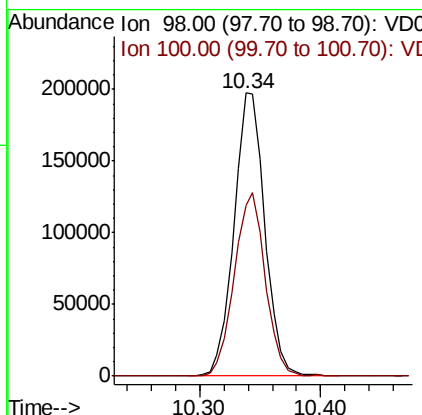
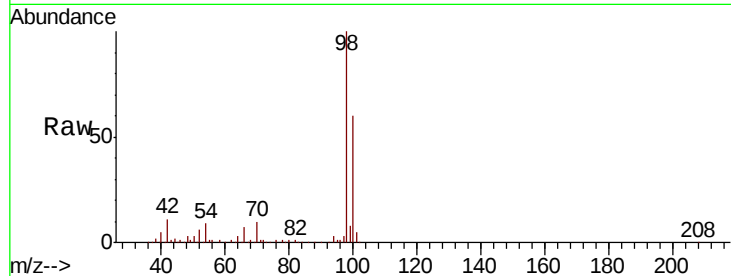




#50
Toluene-d8
Concen: 53.051 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063959.D
Acq: 14 Oct 2019 16:52

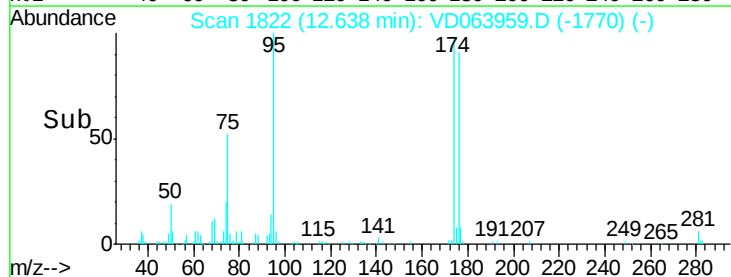
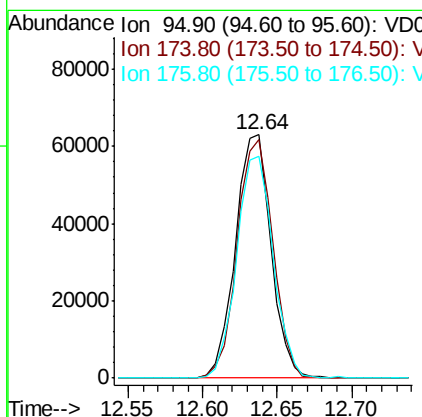
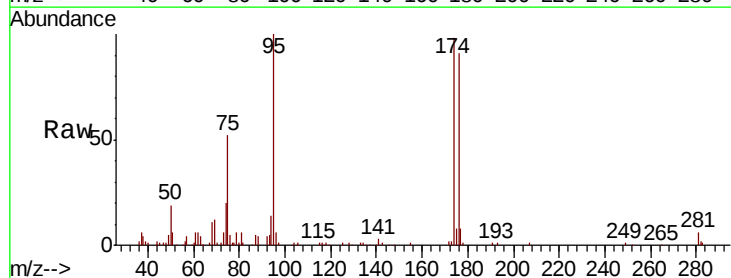
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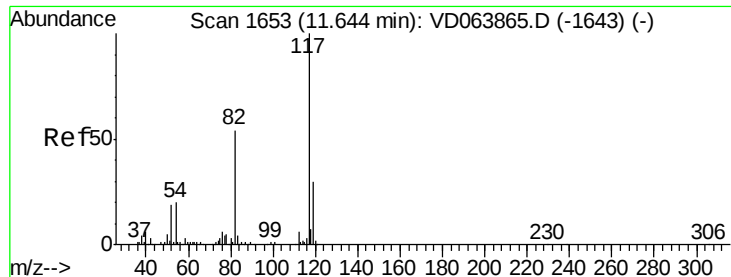
Tot Ion: 98 Resp: 352319
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.316 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD063959.D
Acq: 14 Oct 2019 16:52

Tgt Ion: 95 Resp: 104580
Ion Ratio Lower Upper
95 100
174 97.8 0.0 186.4
176 93.1 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD063959.D

Acq: 14 Oct 2019 16:52

Instrument :

MSVOA_D

ClientSampleId :

72-12017

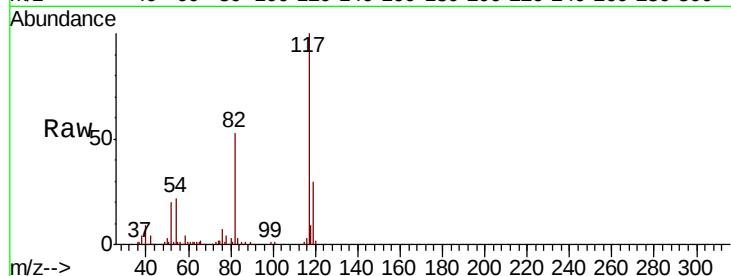
Tot Ion:117 Resp: 267989

Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

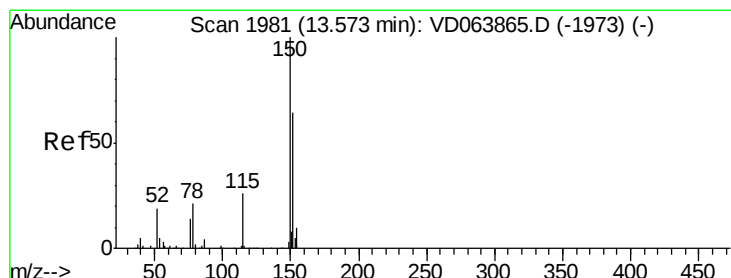
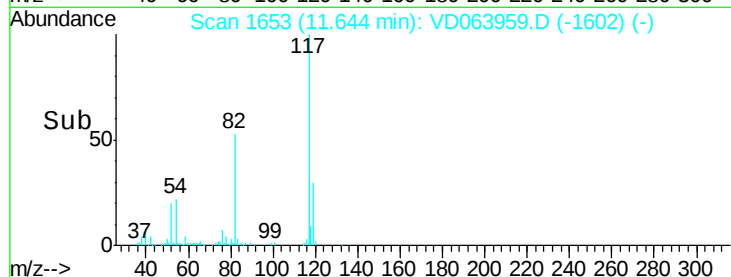
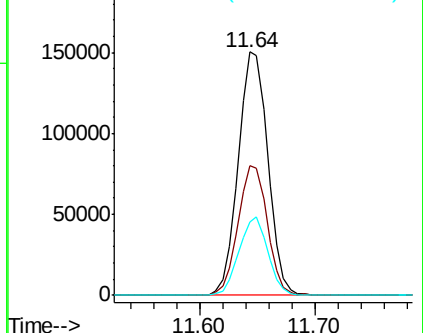
119 29.9 24.4 36.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063959.D

Acq: 14 Oct 2019 16:52

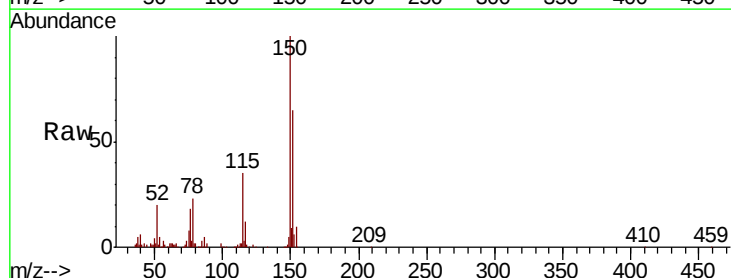
Tgt Ion:152 Resp: 129890

Ion Ratio Lower Upper

152 100

115 54.9 25.9 77.7

150 153.5 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

