

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064067.D
 Acq On : 25 Oct 2019 16:05
 Operator : VA/SY
 Sample : K5541-02
 Misc : 7.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 154-24-(2)

Quant Time: Oct 26 00:41:17 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	7.99	168	154144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	271259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	281226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129455	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	78726	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
35) Dibromofluoromethane	7.92	113	84195	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.34	98	363406	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.64	95	105386	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	

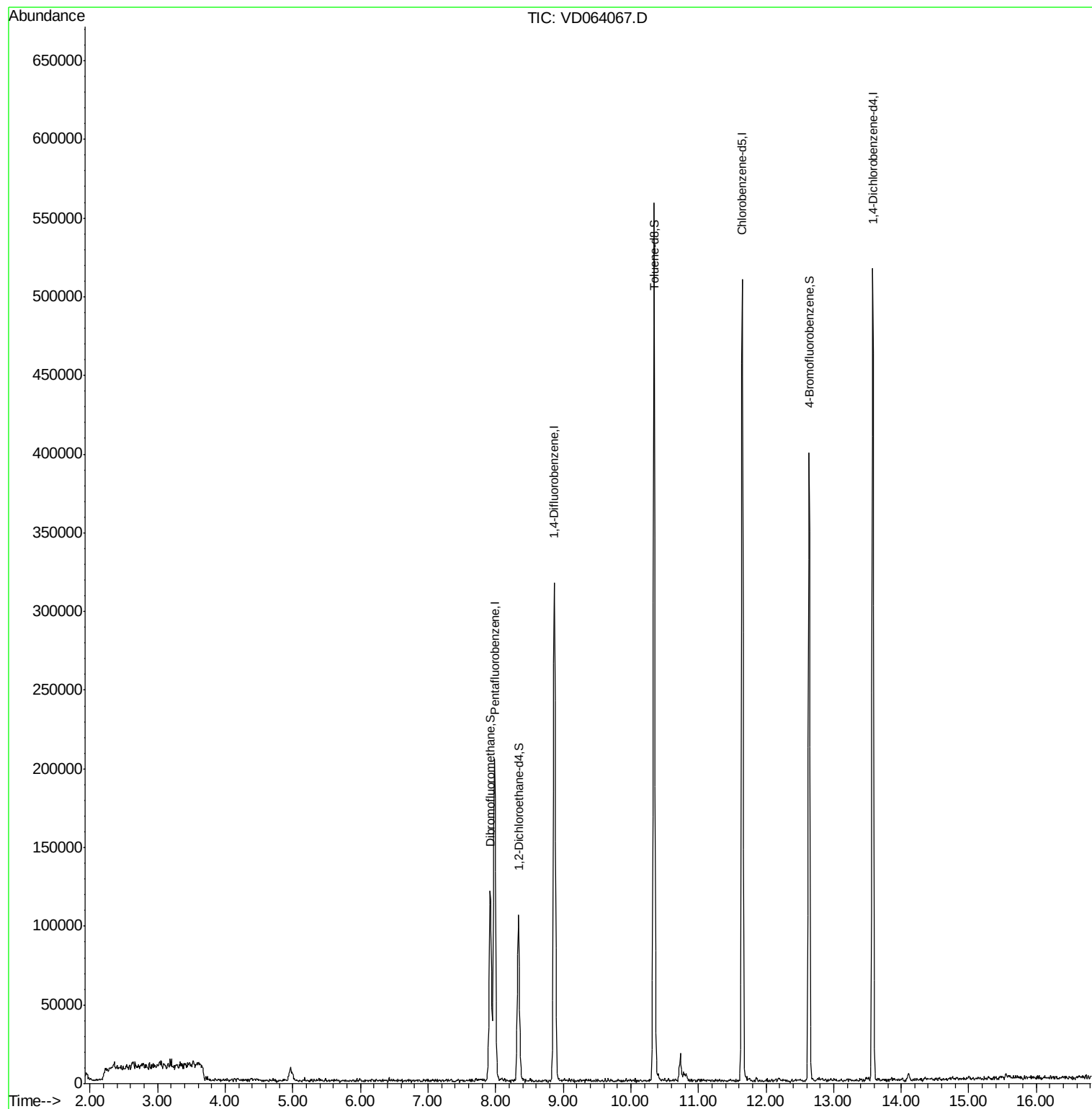
Target Compounds	Qvalue
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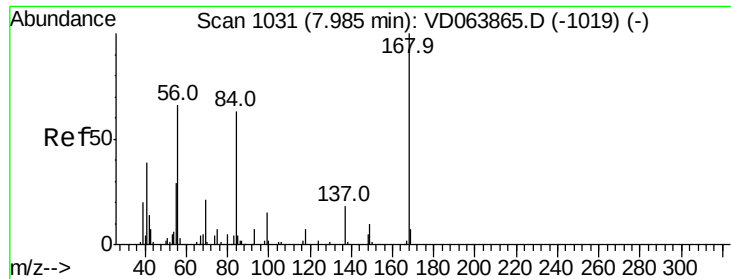
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.00 min

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Acq: 25 Oct 2019 16:05

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MSVOA_D

ClientSampleId :

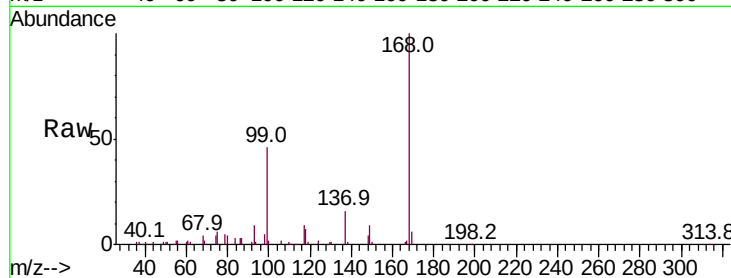
154-24-(2)

Tot Ion:168 Resp: 154144

Ion Ratio Lower Upper

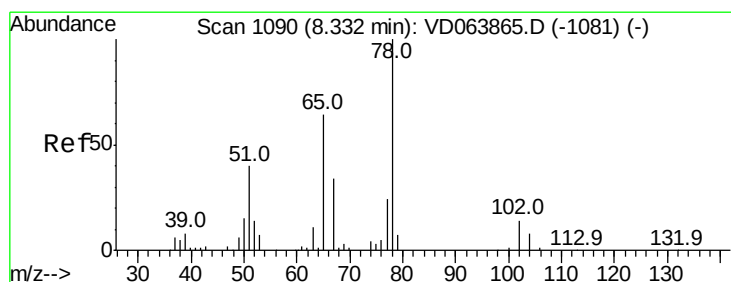
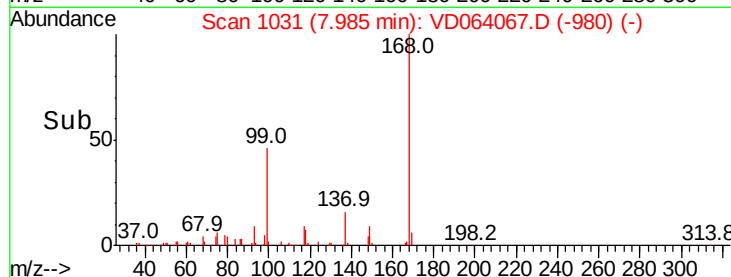
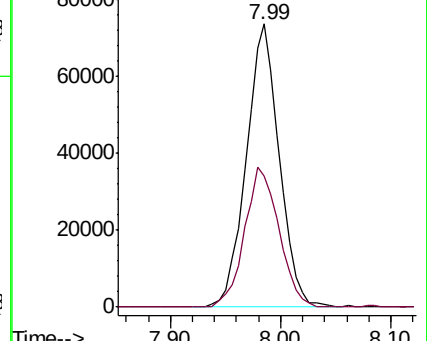
168 100

99 46.3 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: 52.459 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064067.D

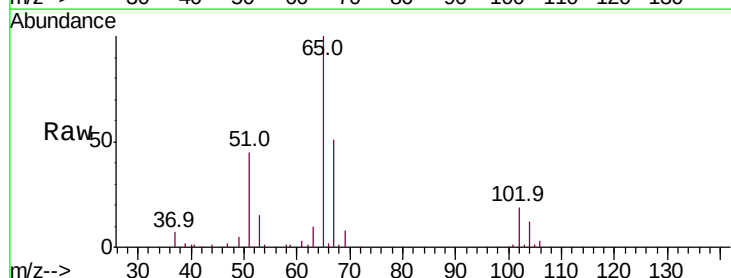
Acq: 25 Oct 2019 16:05

Tgt Ion: 65 Resp: 78726

Ion Ratio Lower Upper

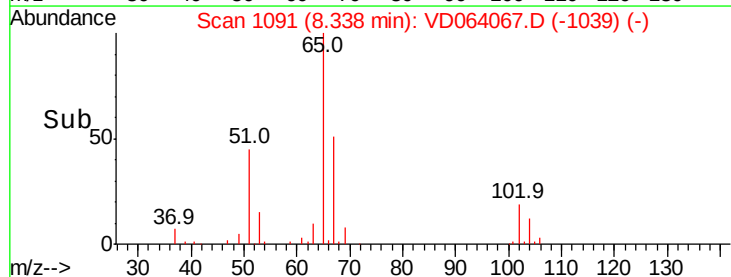
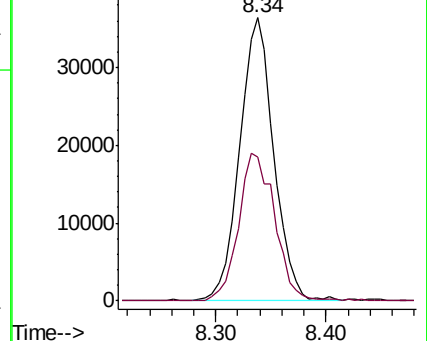
65 100

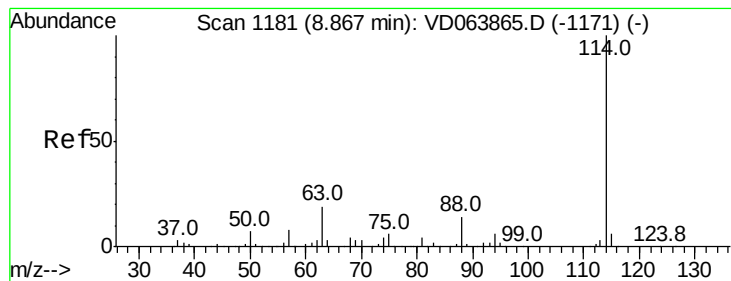
67 54.9 0.0 106.4



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: VD064067.D

Acq: 25 Oct 2019 16:05

Instrument :

MSVOA_D

ClientSampleId :

154-24-(2)

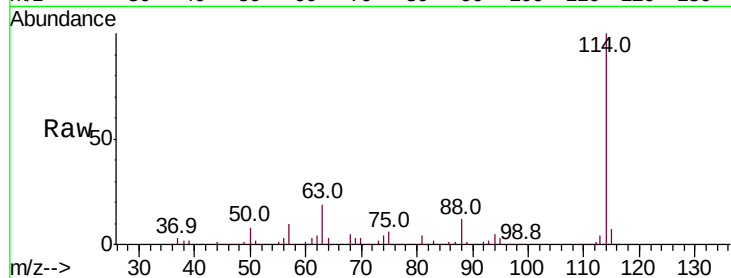
Tot Ion:114 Resp: 271259

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

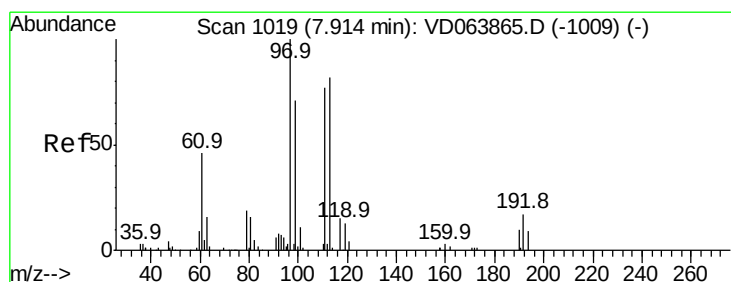
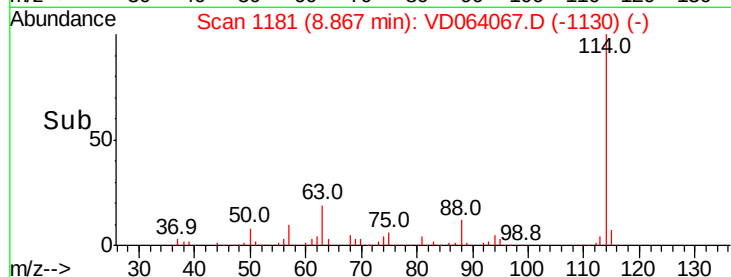
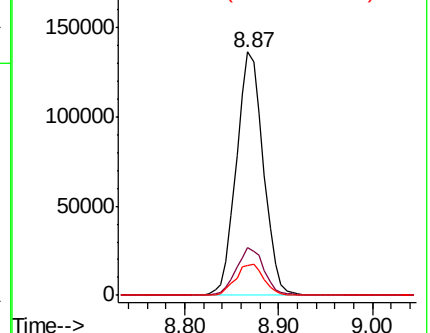
88 12.2 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.789 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064067.D

Acq: 25 Oct 2019 16:05

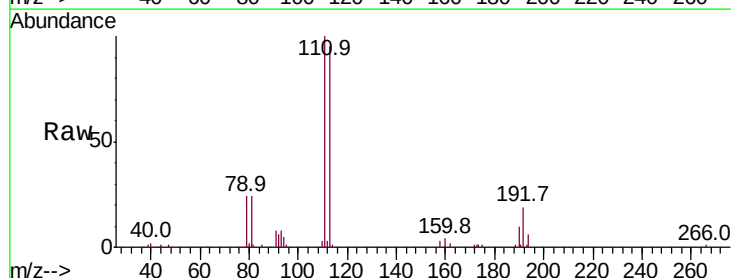
Tgt Ion:113 Resp: 84195

Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

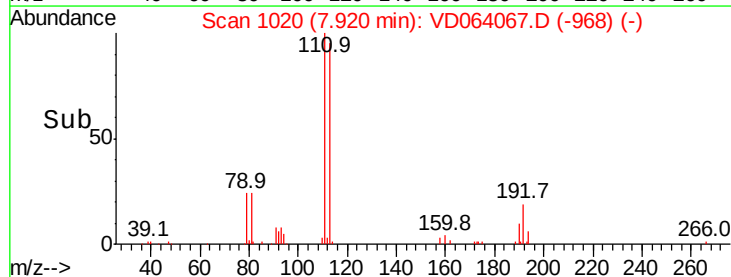
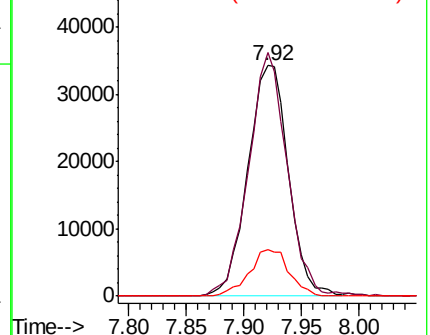
192 19.7 17.1 25.7

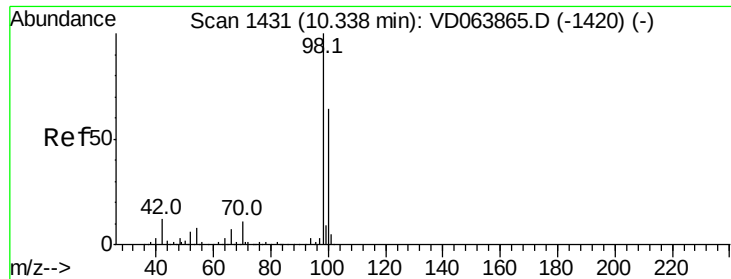


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.010 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064067.D

Acq: 25 Oct 2019 16:05

Instrument :

MSVOA_D

ClientSampleId :

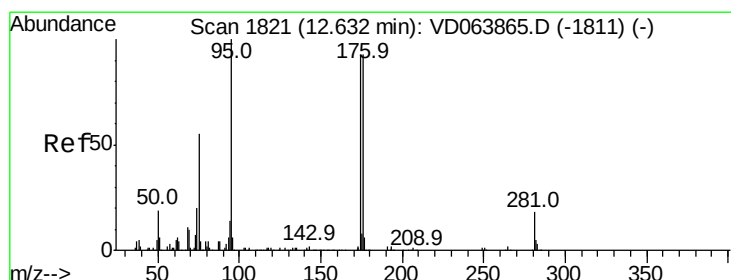
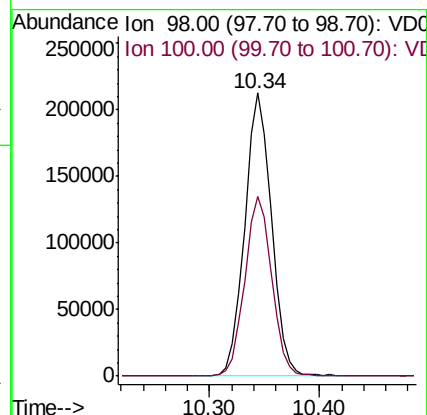
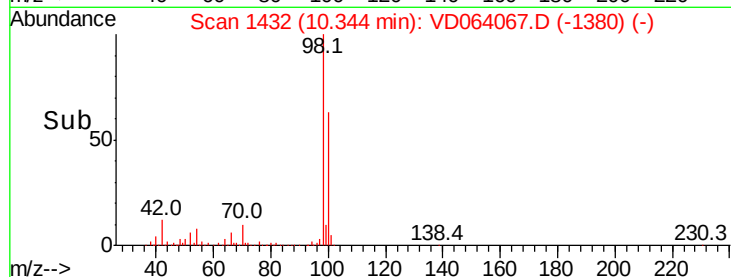
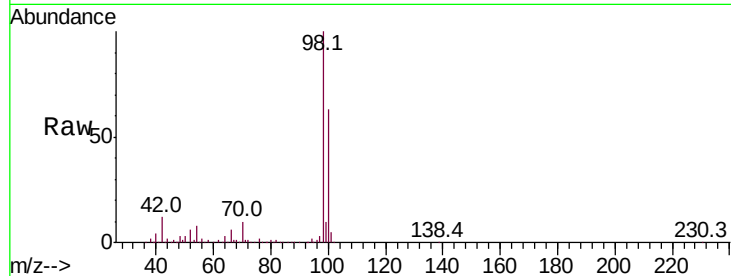
154-24-(2)

Tot Ion: 98 Resp: 363406

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.072 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064067.D

Acq: 25 Oct 2019 16:05

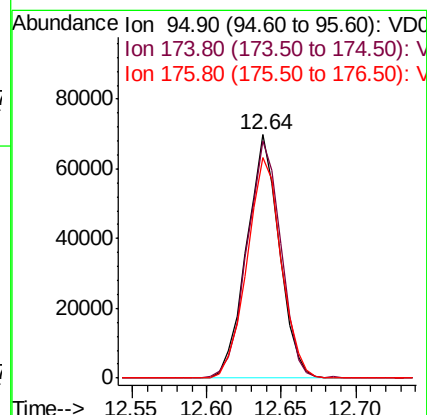
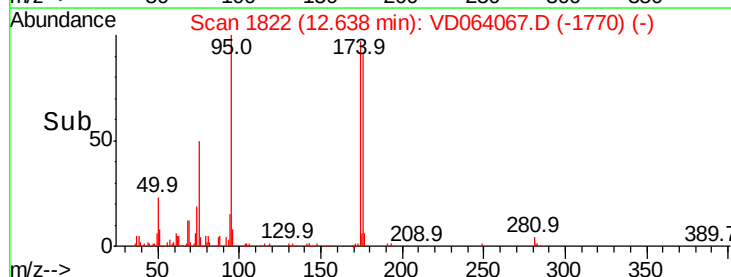
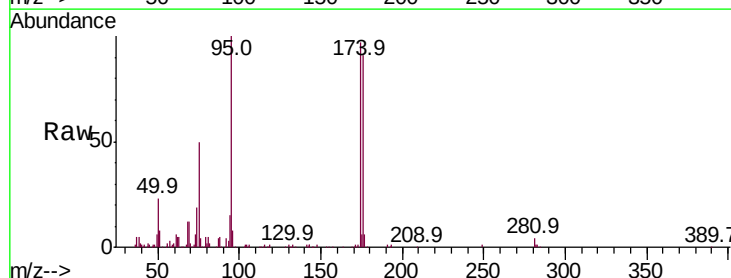
Tgt Ion: 95 Resp: 105386

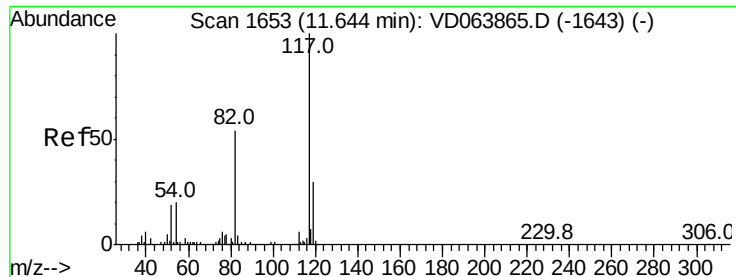
Ion Ratio Lower Upper

95 100

174 101.0 0.0 186.4

176 94.7 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD064067.D

Acq: 25 Oct 2019 16:05

Instrument :

MSVOA_D

ClientSampleId :

154-24-(2)

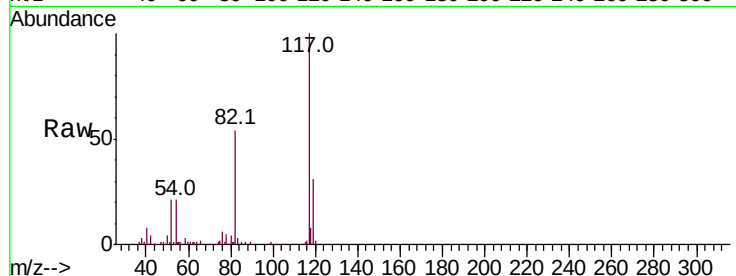
Tot Ion:117 Resp: 281226

Ion Ratio Lower Upper

117 100

82 54.0 42.8 64.2

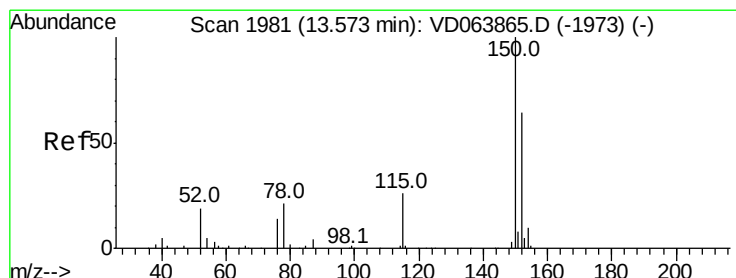
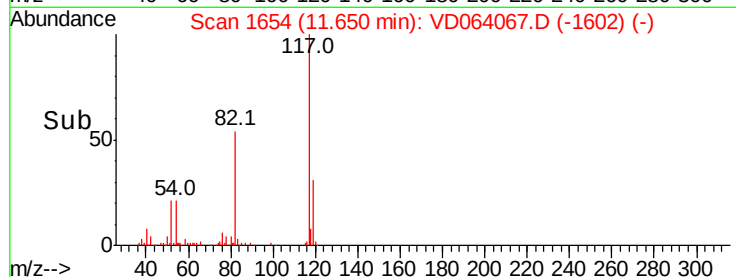
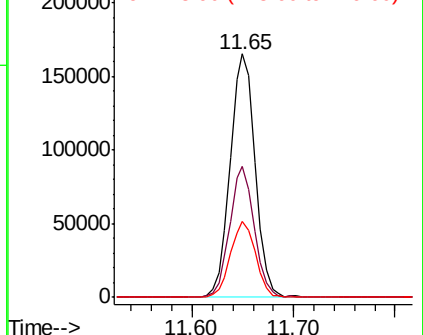
119 31.1 24.4 36.6



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: VD064067.D

Acq: 25 Oct 2019 16:05

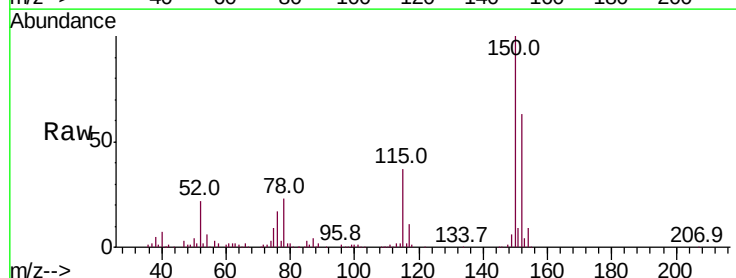
Tgt Ion:152 Resp: 129455

Ion Ratio Lower Upper

152 100

115 55.2 25.9 77.7

150 157.8 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

