

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064049.D
 Acq On : 24 Oct 2019 16:49
 Operator : VA/SY
 Sample : K5498-18RE
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 193-10-(1)RE

Quant Time: Oct 25 05:15:56 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	50588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	90439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	93885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	40574	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	28730	58.33	ug/l	0.00
Spiked Amount			Recovery	=	116.66%	
35) Dibromofluoromethane	7.92	113	29734	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	
50) Toluene-d8	10.34	98	119733	53.37	ug/l	0.00
Spiked Amount			Recovery	=	106.74%	
62) 4-Bromofluorobenzene	12.64	95	33808	43.37	ug/l	0.00
Spiked Amount			Recovery	=	86.74%	

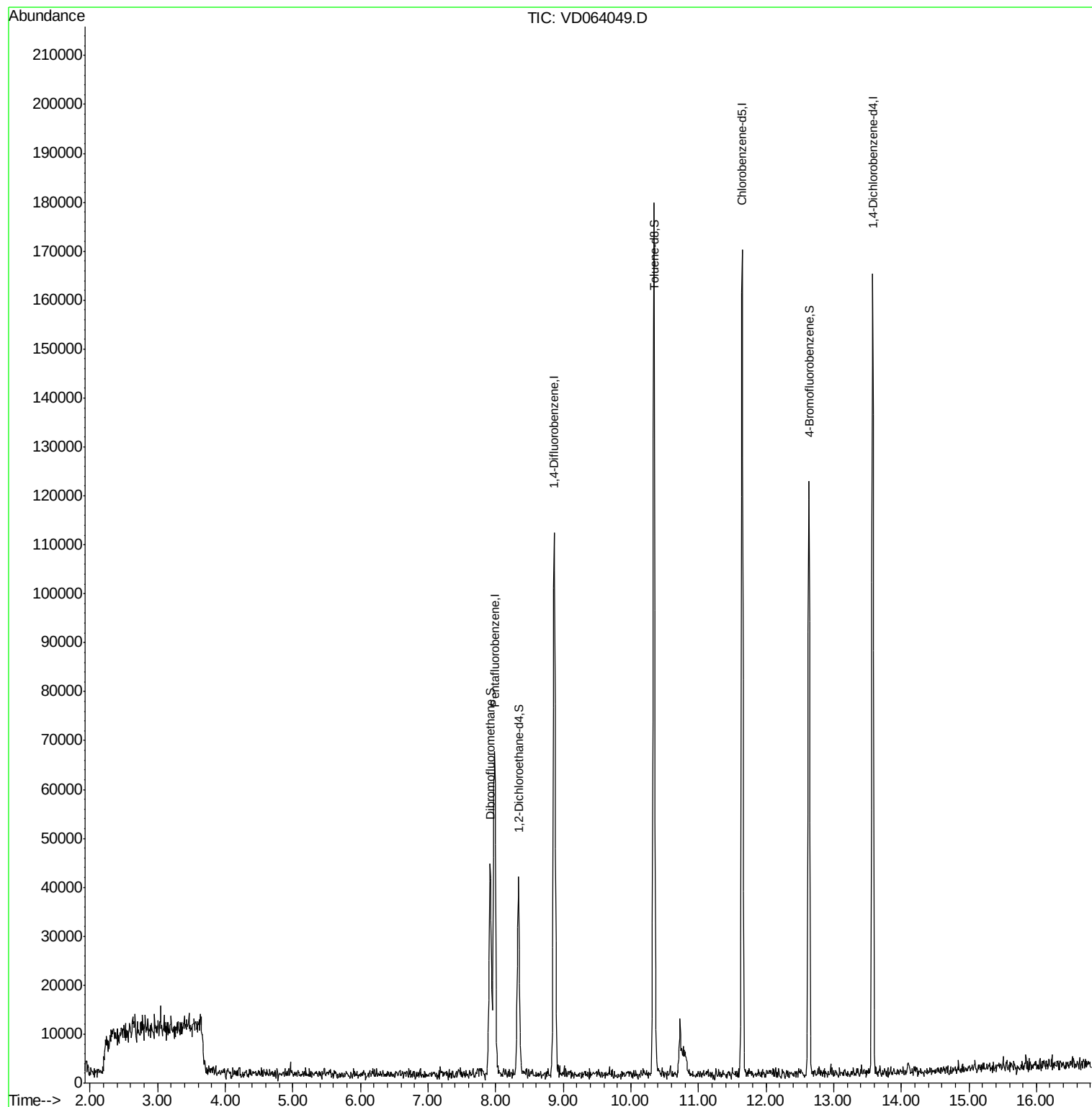
Target Compounds	Qvalue
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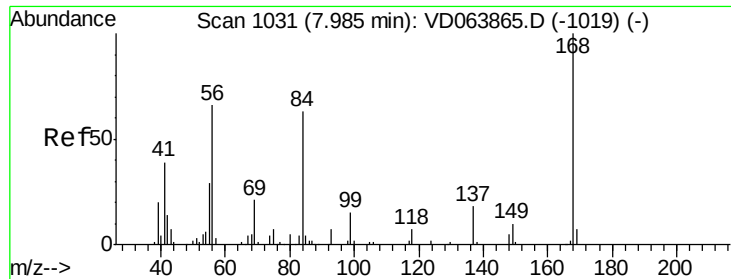
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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Acq: 24 Oct 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

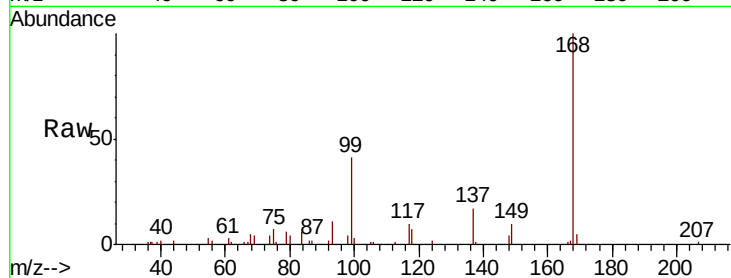
193-10-(1)RE

Tot Ion:168 Resp: 50588

Ion Ratio Lower Upper

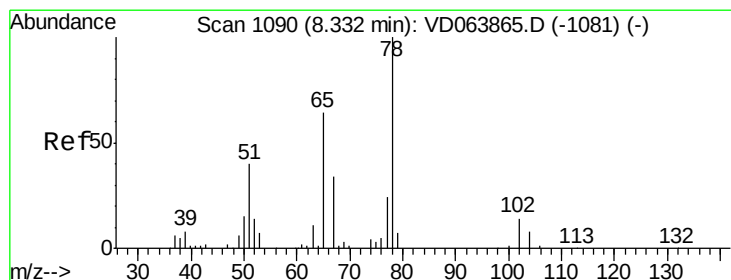
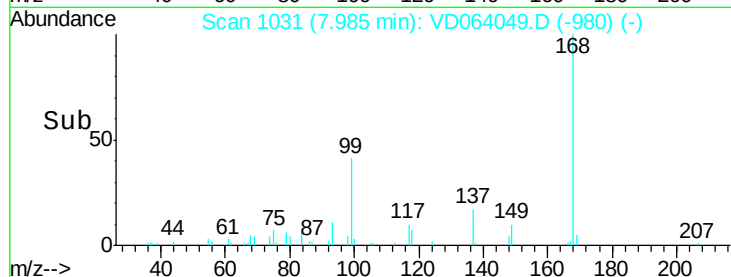
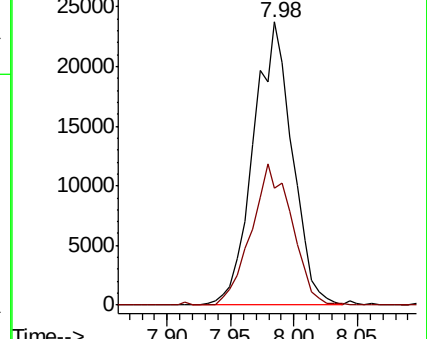
168 100

99 41.3 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: 58.334 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064049.D

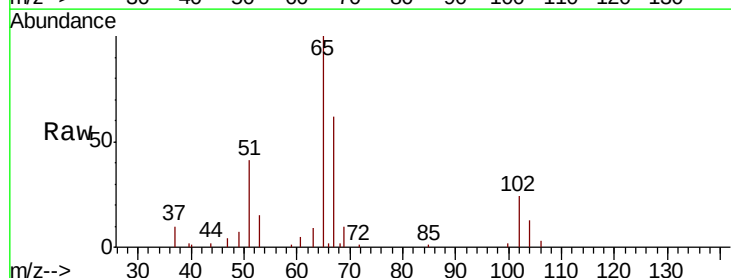
Acq: 24 Oct 2019 16:49

Tgt Ion: 65 Resp: 28730

Ion Ratio Lower Upper

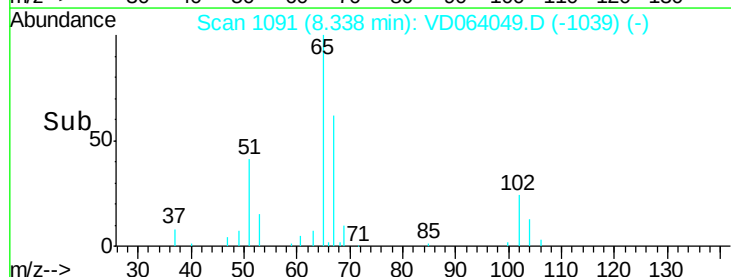
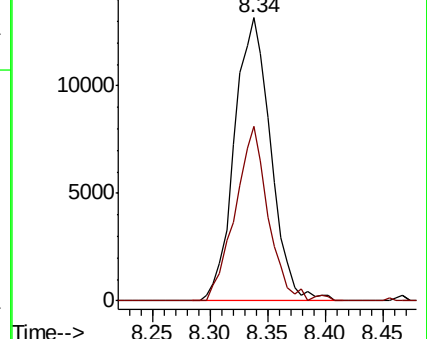
65 100

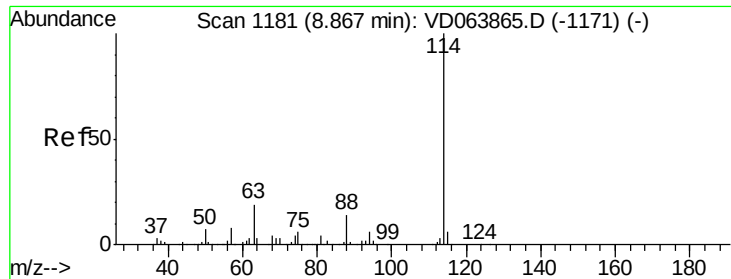
67 55.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

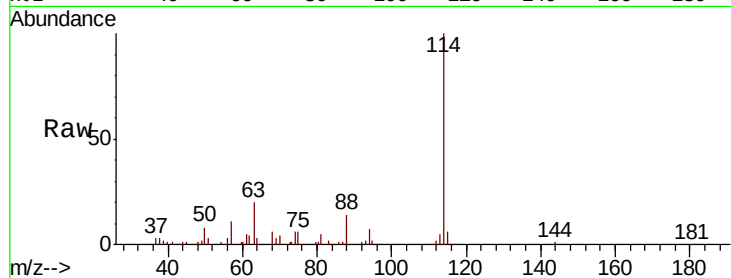




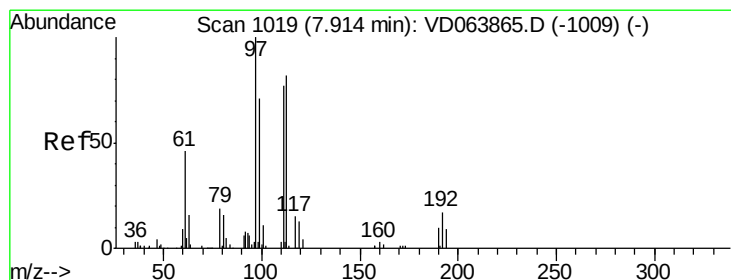
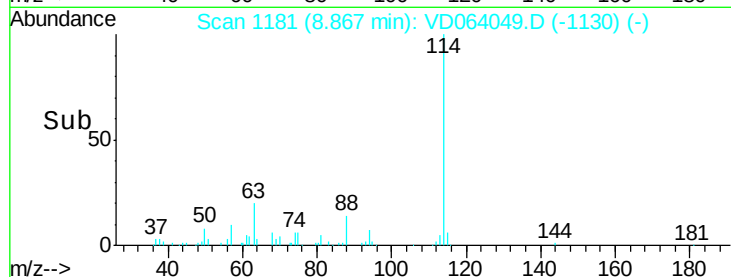
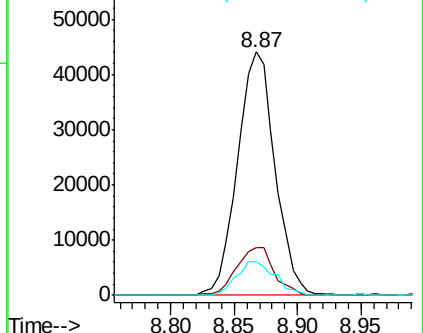
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064049.D
 Acq: 24 Oct 2019 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 193-10-(1)RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.4
88	13.7	0.0	27.4

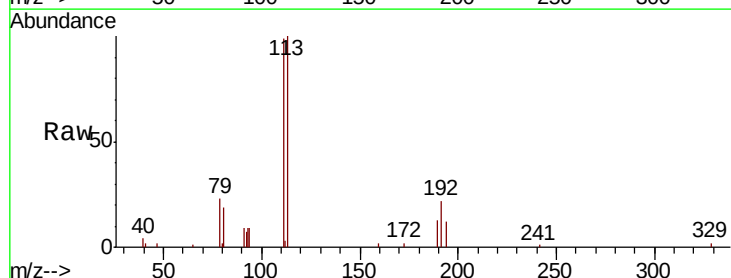


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

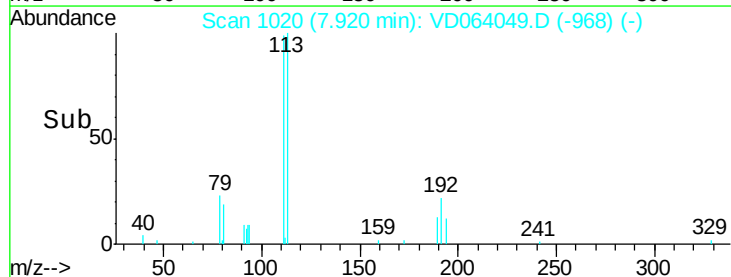
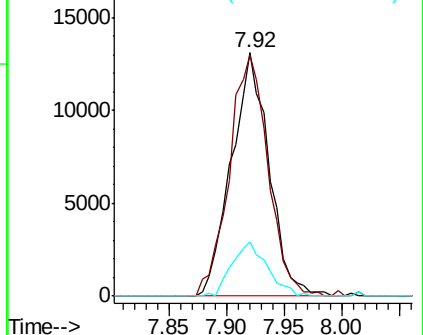


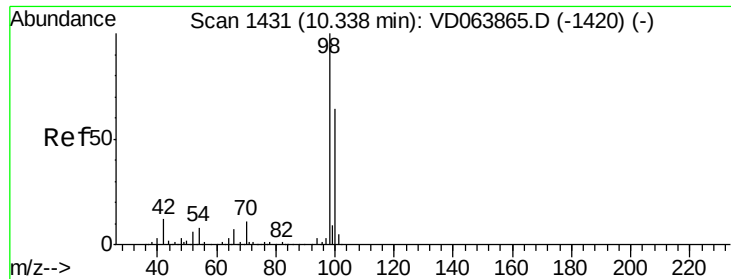
#35
 Dibromofluoromethane
 Concen: 53.798 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064049.D
 Acq: 24 Oct 2019 16:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	20.8	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: 53.373 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064049.D

Acq: 24 Oct 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

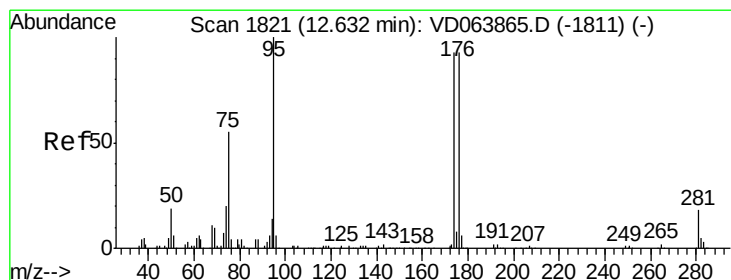
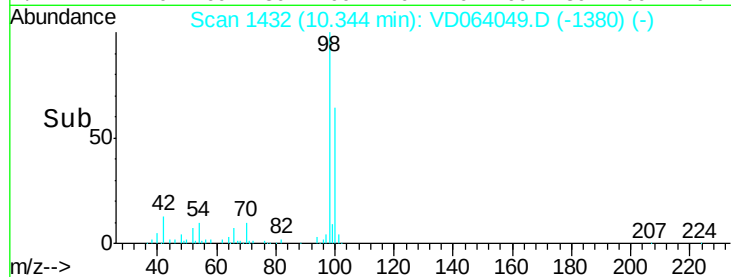
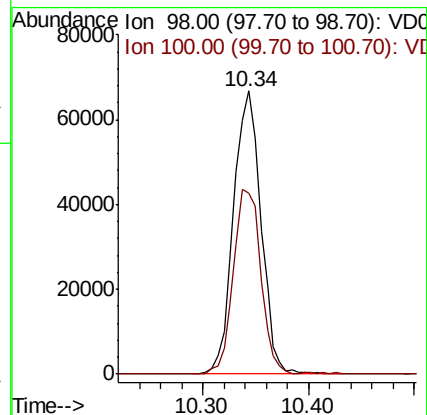
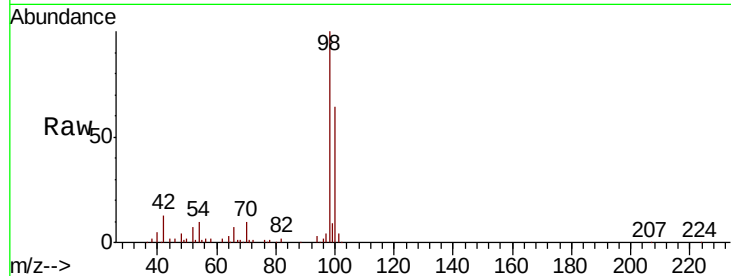
193-10-(1)RE

Tot Ion: 98 Resp: 119733

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 43.368 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064049.D

Acq: 24 Oct 2019 16:49

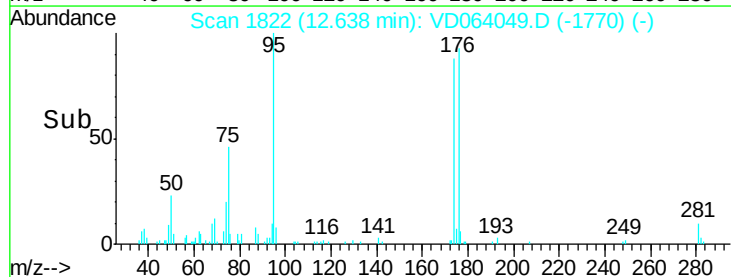
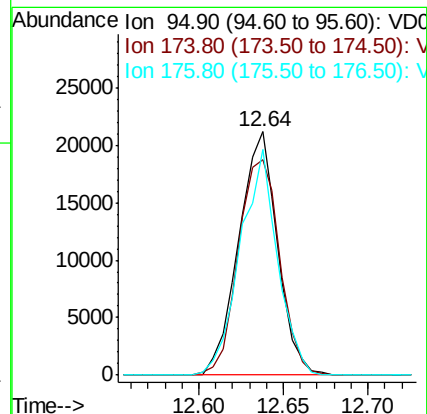
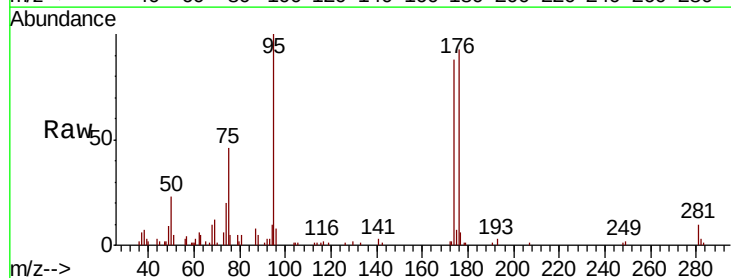
Tgt Ion: 95 Resp: 33808

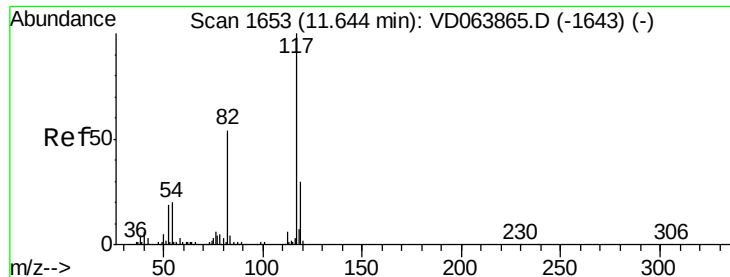
Ion Ratio Lower Upper

95 100

174 94.6 0.0 186.4

176 89.0 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: VD064049.D

Acq: 24 Oct 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

193-10-(1)RE

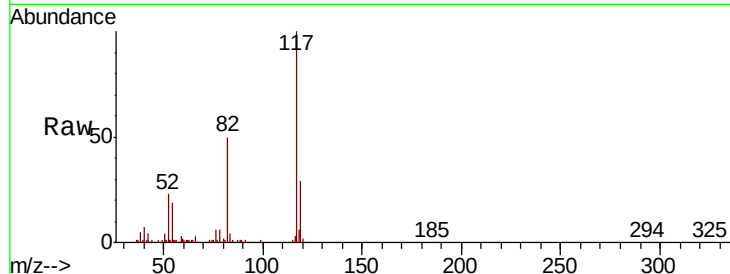
Tot Ion:117 Resp: 93885

Ion Ratio Lower Upper

117 100

82 50.0 42.8 64.2

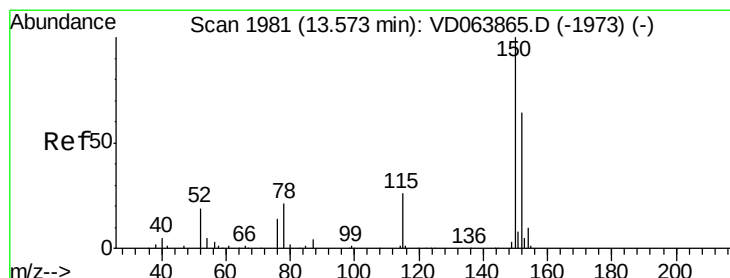
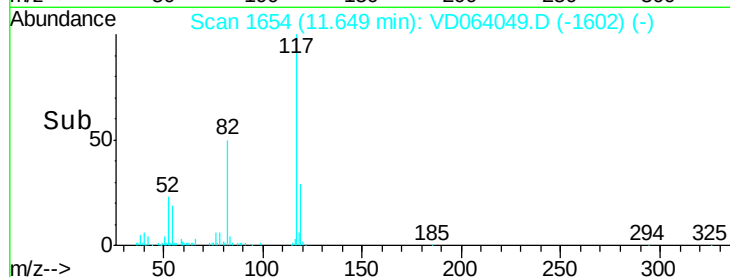
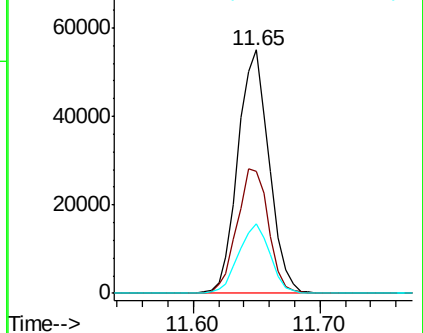
119 28.8 24.4 36.6



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: 13.57 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VD064049.D

Acq: 24 Oct 2019 16:49

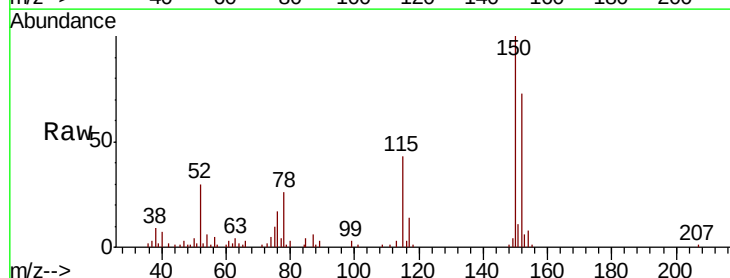
Tgt Ion:152 Resp: 40574

Ion Ratio Lower Upper

152 100

115 56.7 25.9 77.7

150 162.8 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

