

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064056.D
 Acq On : 24 Oct 2019 20:07
 Operator : VA/SY
 Sample : K5497-16
 Misc : 8.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 166-42-(1)

Quant Time: Oct 25 05:30:11 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	135555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	242556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	254360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	108984	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	72330	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
35) Dibromofluoromethane	7.92	113	74896	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.34	98	337025	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
62) 4-Bromofluorobenzene	12.64	95	93491	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

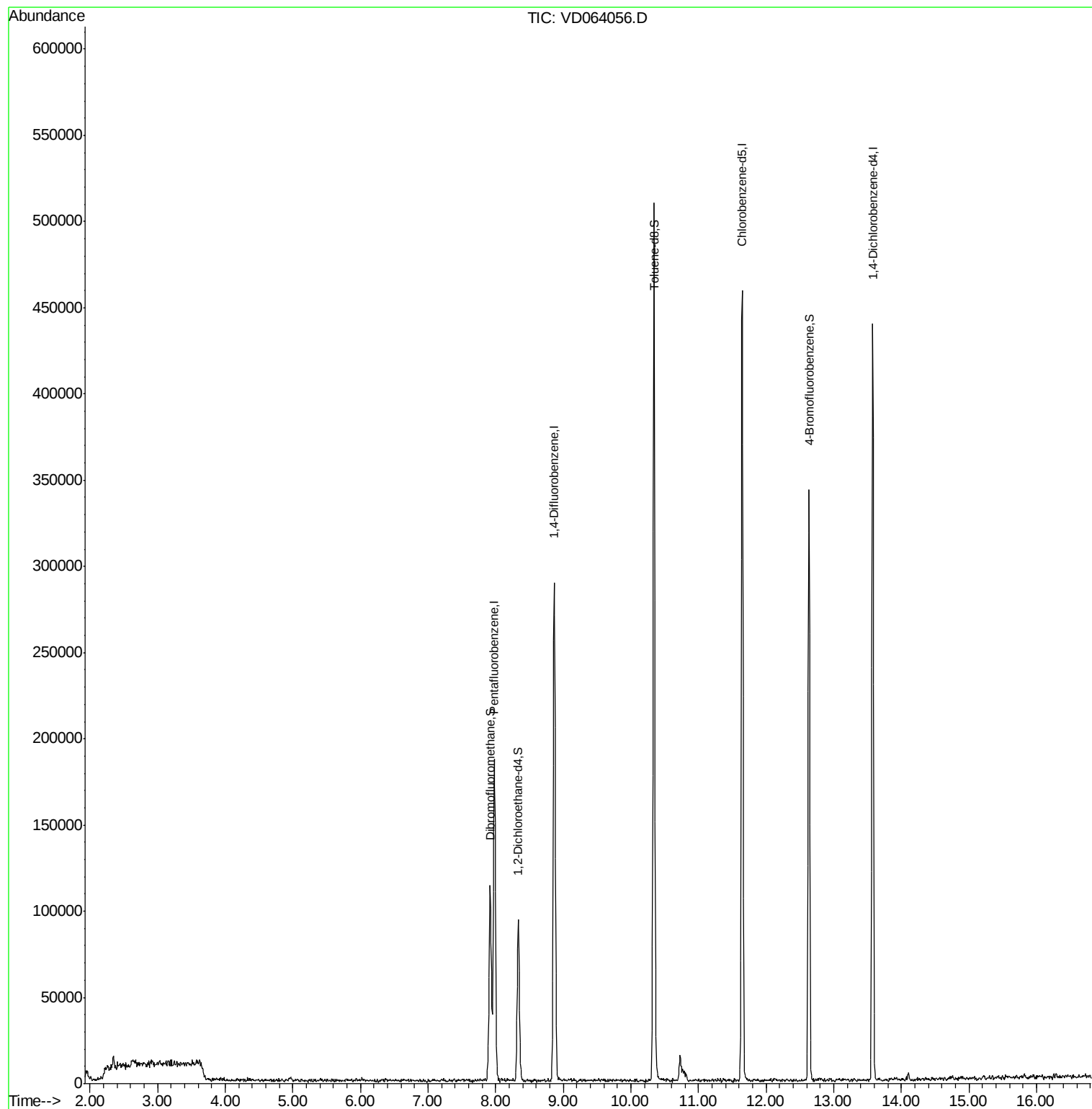
Target Compounds	Qvalue

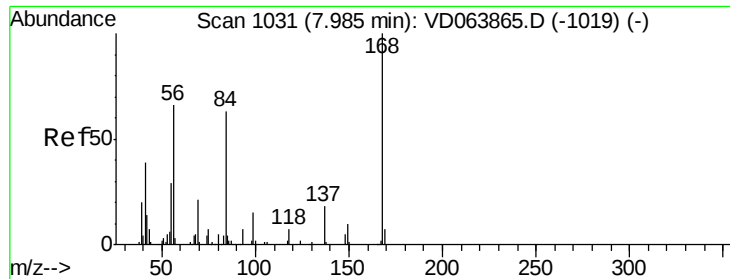
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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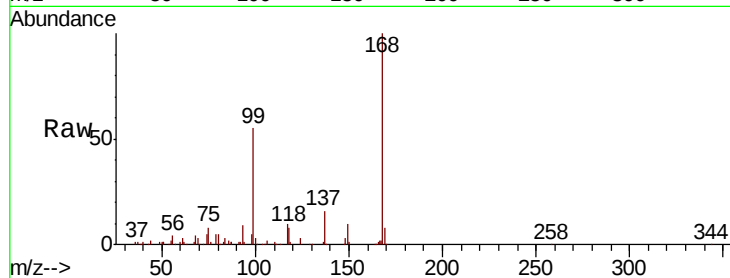




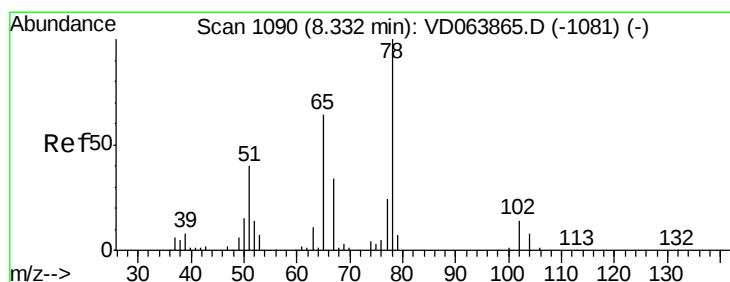
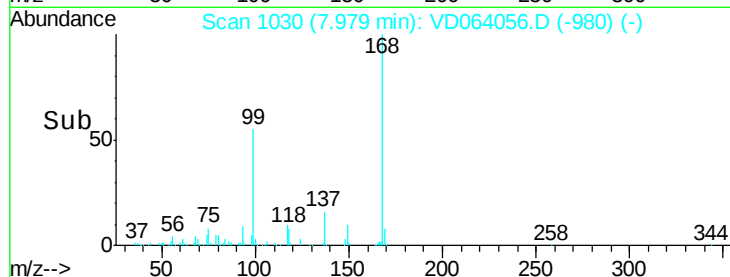
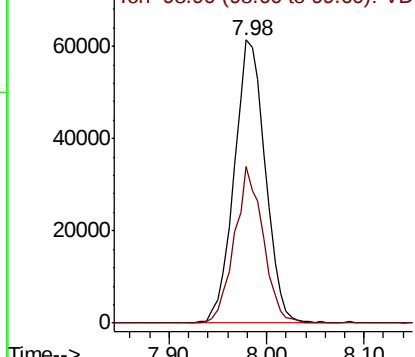
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064056.D
Acq: 24 Oct 2019 20:07

Instrument :
MSVOA_D
ClientSampleId :
166-42-(1)

Tot Ion:168 Resp: 135555
Ion Ratio Lower Upper
168 100
99 55.4 43.0 64.4

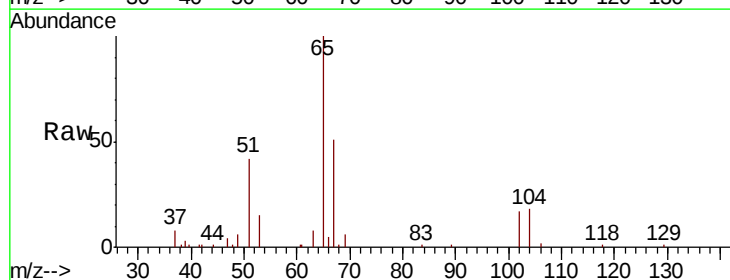


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

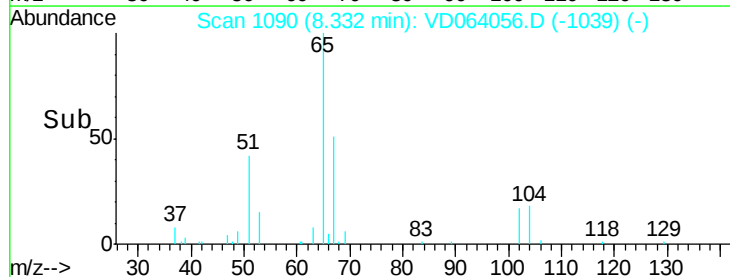
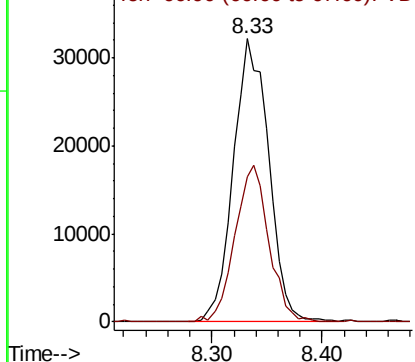


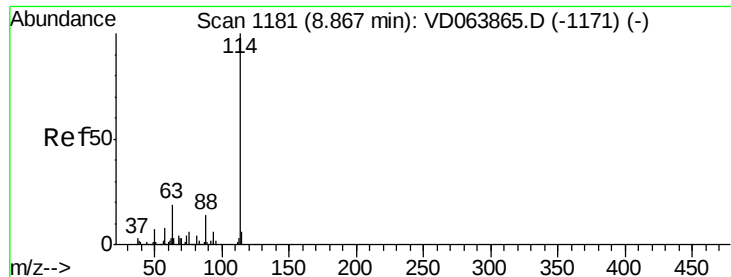
#33
1,2-Dichloroethane-d4
Concen: 54.807 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD064056.D
Acq: 24 Oct 2019 20:07

Tgt Ion: 65 Resp: 72330
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

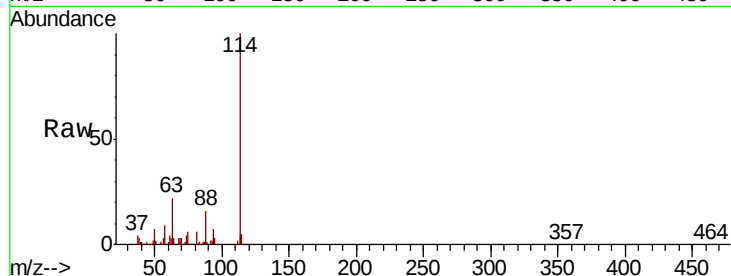




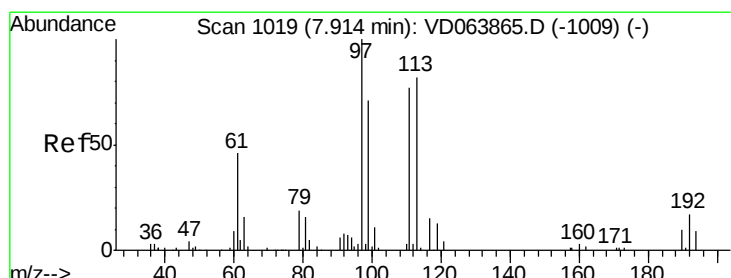
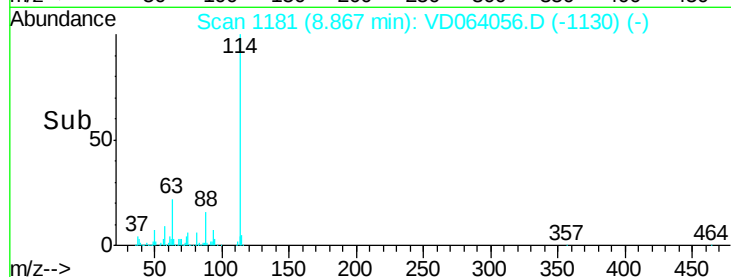
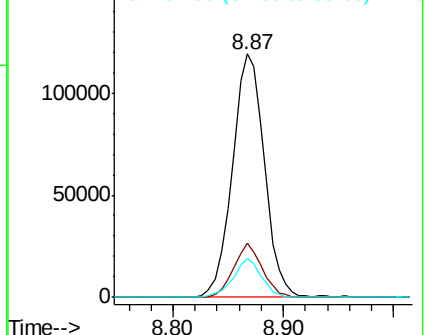
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064056.D
Acq: 24 Oct 2019 20:07

Instrument :
MSVOA_D
ClientSampleId :
166-42-(1)

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	38.4
88	16.0	0.0	27.4

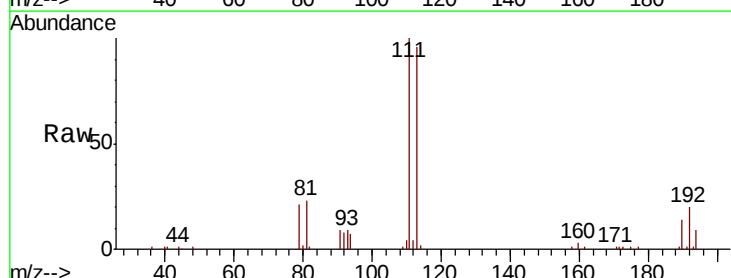


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

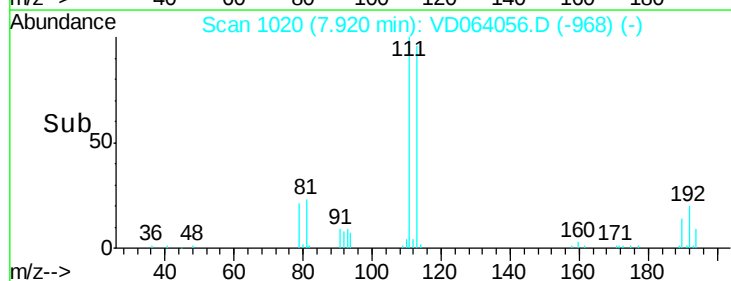
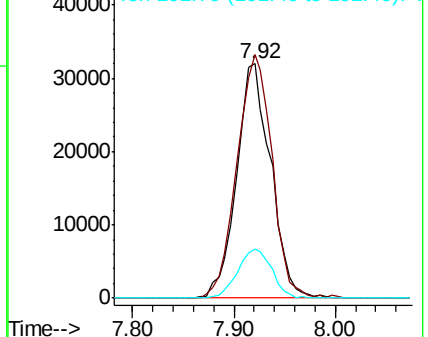


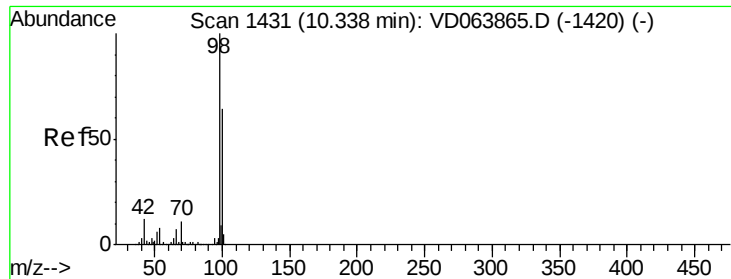
#35
Dibromofluoromethane
Concen: 50.526 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD064056.D
Acq: 24 Oct 2019 20:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.5	82.6	123.8
192	20.9	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: 56.016 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064056.D

Acq: 24 Oct 2019 20:07

Instrument :

MSVOA_D

ClientSampleId :

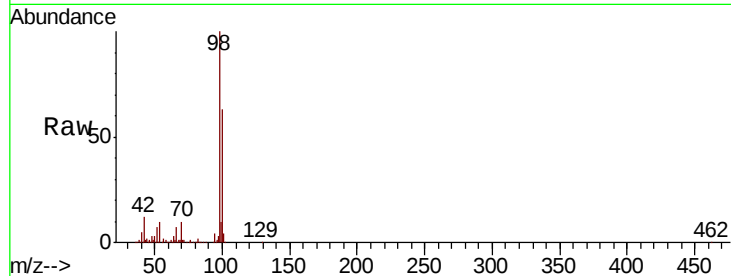
166-42-(1)

Tot Ion: 98 Resp: 337025

Ion Ratio Lower Upper

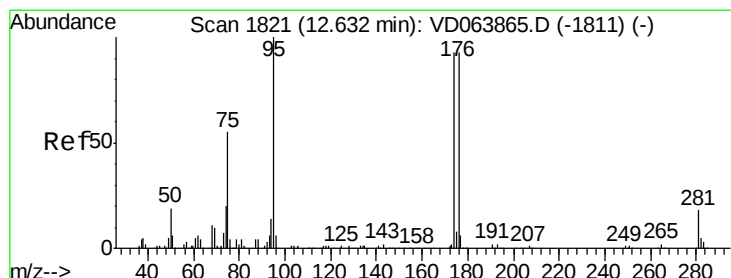
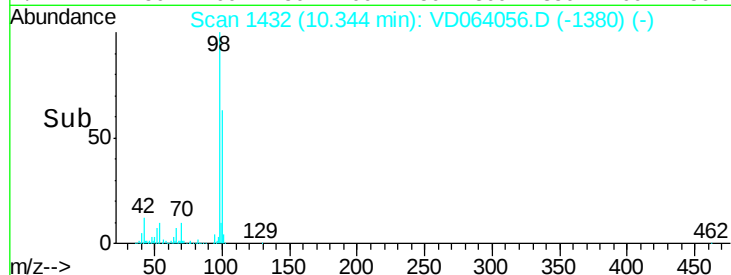
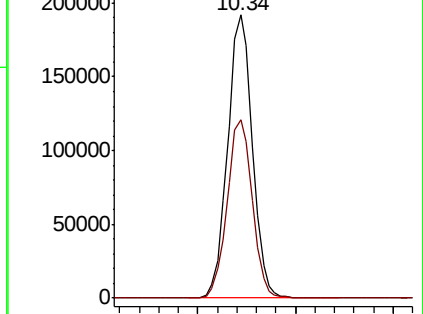
98 100

100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 44.716 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064056.D

Acq: 24 Oct 2019 20:07

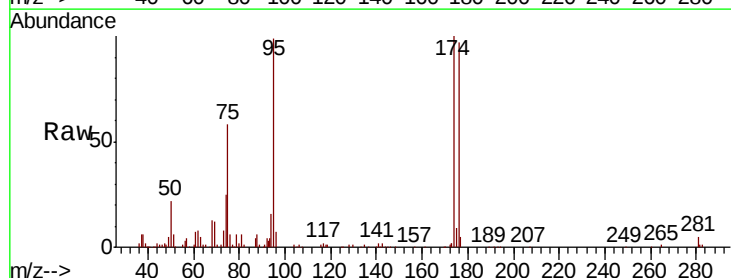
Tgt Ion: 95 Resp: 93491

Ion Ratio Lower Upper

95 100

174 96.6 0.0 186.4

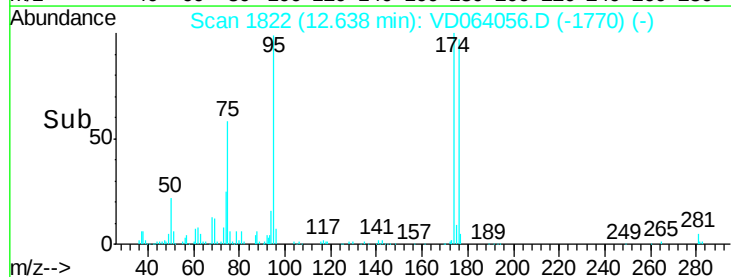
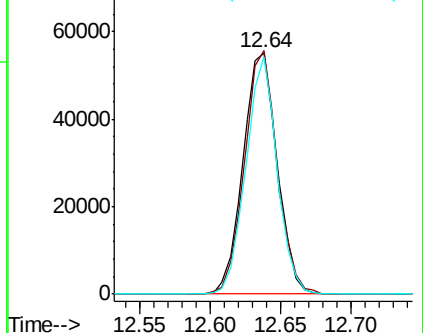
176 89.8 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

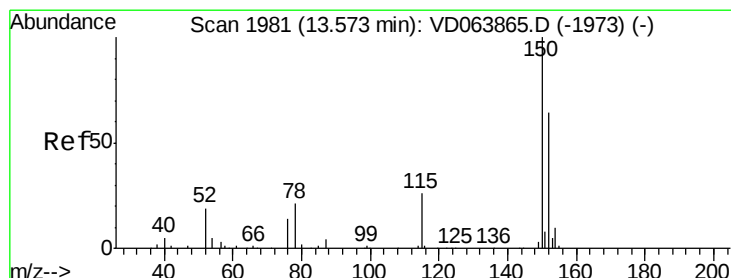
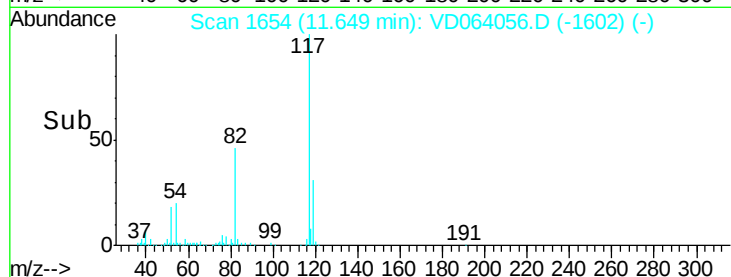
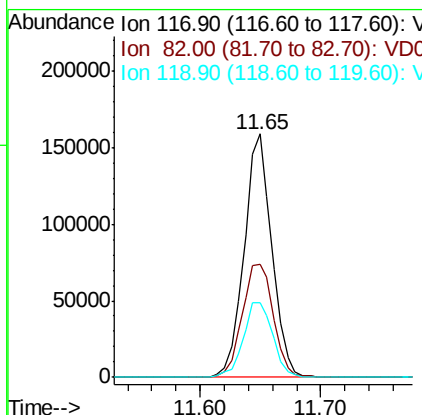
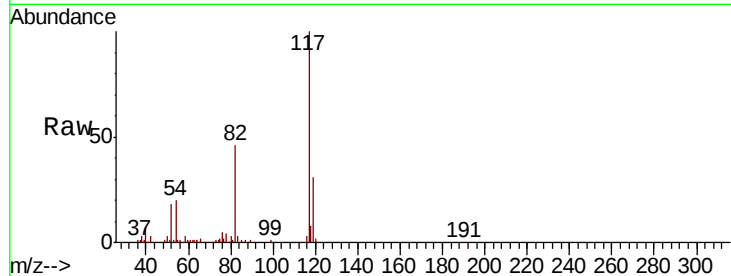




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064056.D
Acq: 24 Oct 2019 20:07

Instrument :
MSVOA_D
ClientSampleId :
166-42-(1)

Tot Ion:117 Resp: 254360
Ion Ratio Lower Upper
117 100
82 46.2 42.8 64.2
119 30.7 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064056.D
Acq: 24 Oct 2019 20:07

Tgt Ion:152 Resp: 108984
Ion Ratio Lower Upper
152 100
115 53.6 25.9 77.7
150 155.6 0.0 344.2

