

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101519\
 Data File : VD063973.D
 Acq On : 15 Oct 2019 15:48
 Operator : VA/SY
 Sample : K5374-01
 Misc : 5.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE-1

Quant Time: Oct 16 03:38:31 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	160641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	306691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	298179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142043	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	97042	62.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.10%	
35) Dibromofluoromethane	7.92	113	96231	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.34	98	404420	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.64	95	118107	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	

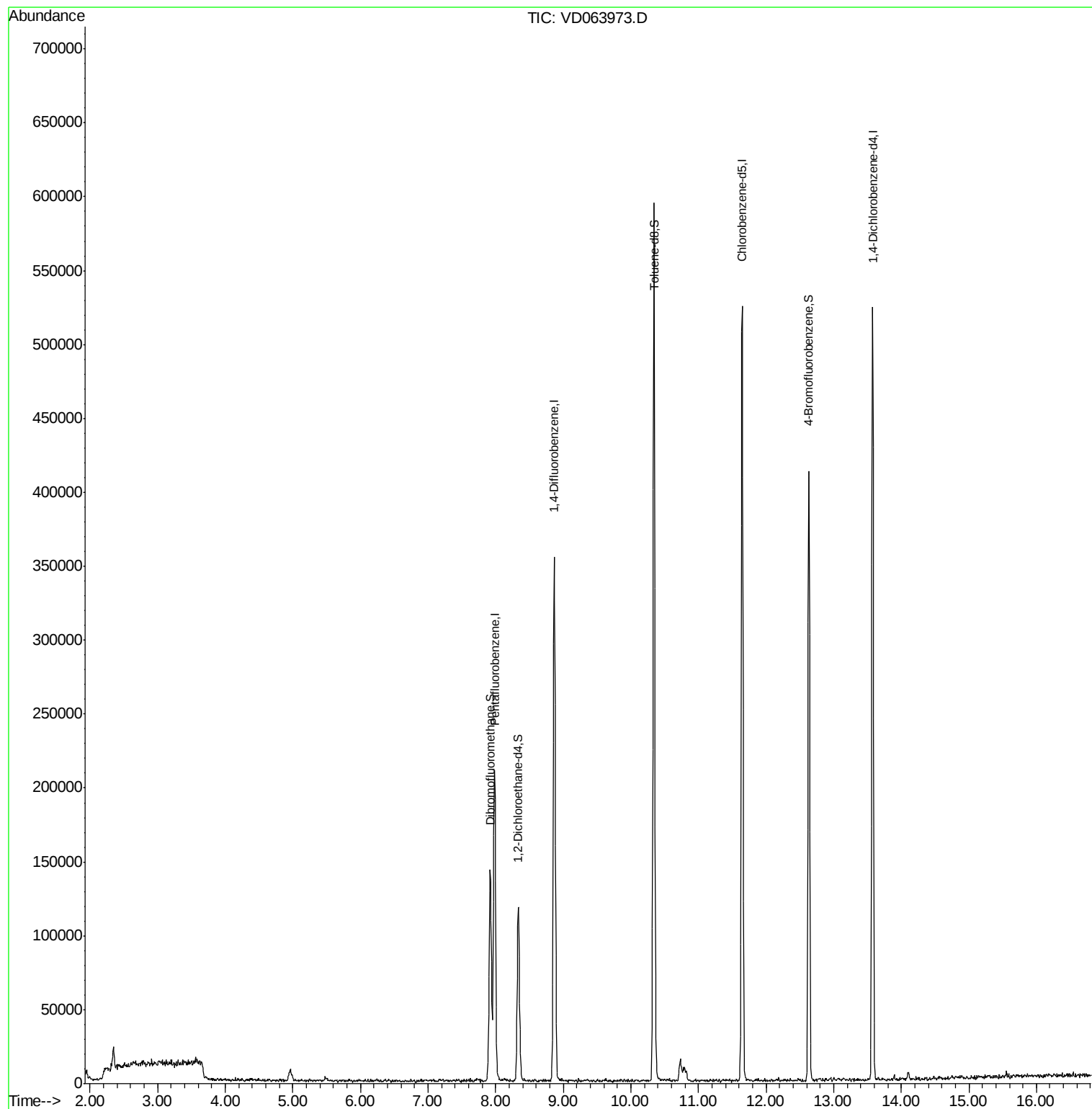
Target Compounds	Qvalue
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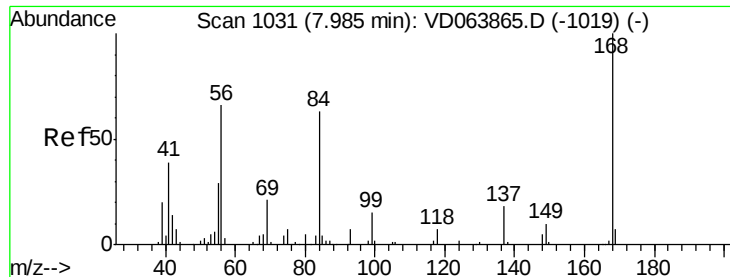
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063973.D

Acq: 15 Oct 2019 15:48

Instrument :

MSVOA_D

ClientSampleId :

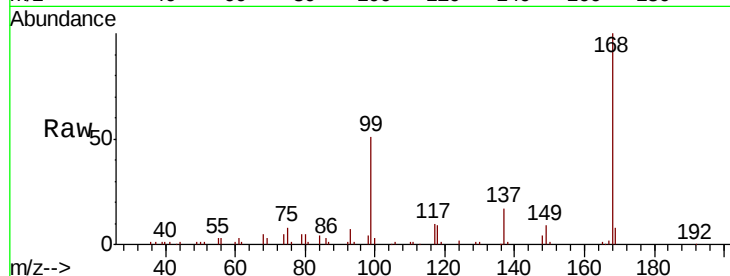
STOCK-PILE-1

Tot Ion:168 Resp: 160641

Ion Ratio Lower Upper

168 100

99 51.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

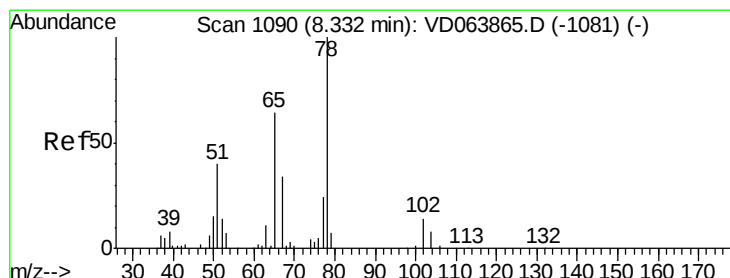
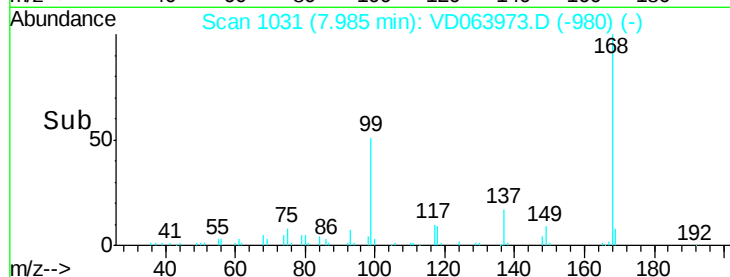
40000

20000

0

Time-->

7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 62.049 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063973.D

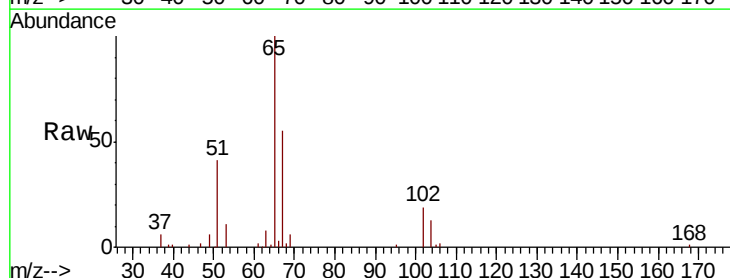
Acq: 15 Oct 2019 15:48

Tgt Ion: 65 Resp: 97042

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

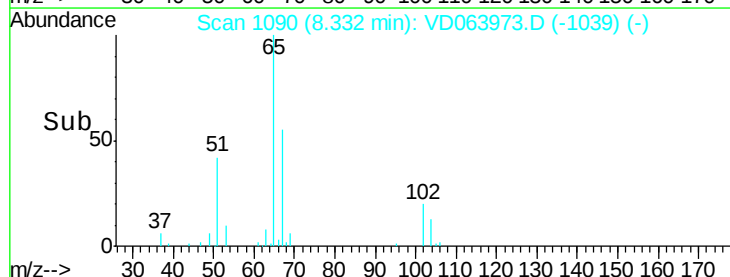
20000

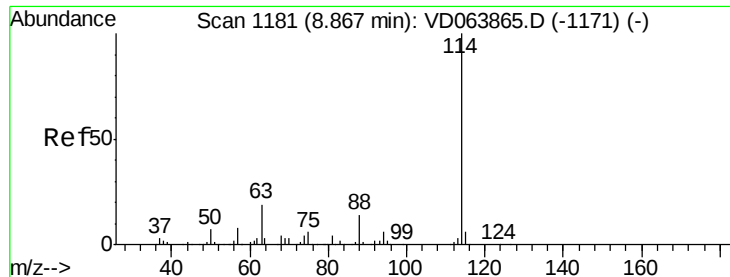
10000

0

Time-->

8.20 8.30 8.40

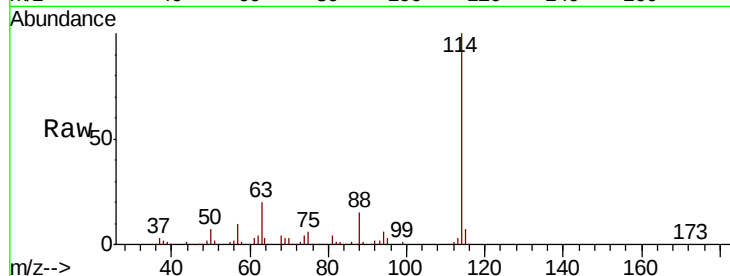




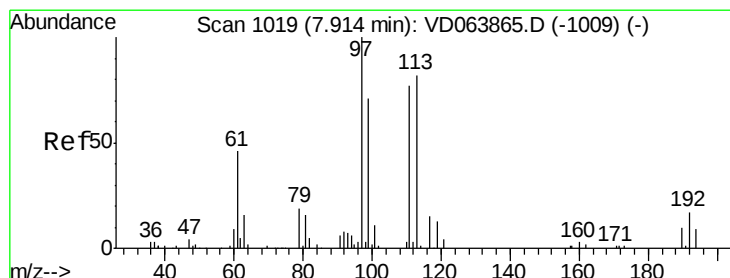
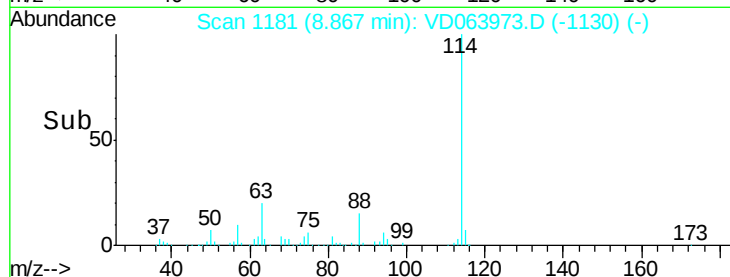
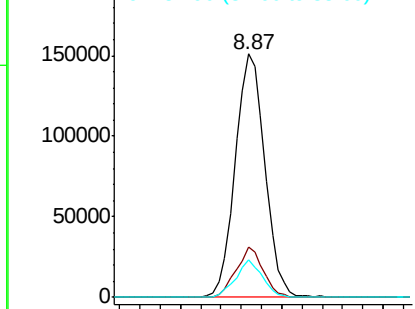
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063973.D
Acq: 15 Oct 2019 15:48

Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE-1

Tot Ion:114 Resp: 306691
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.4
88 15.2 0.0 27.4

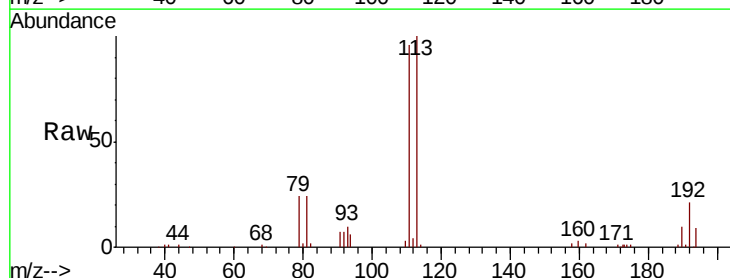


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

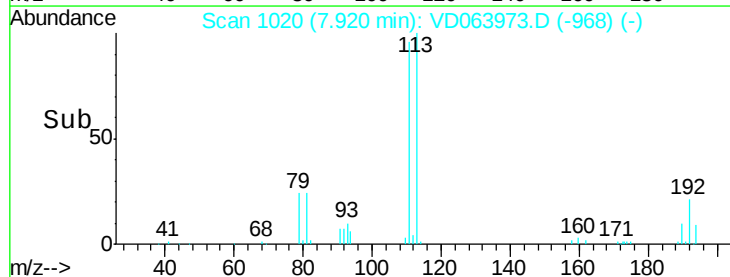
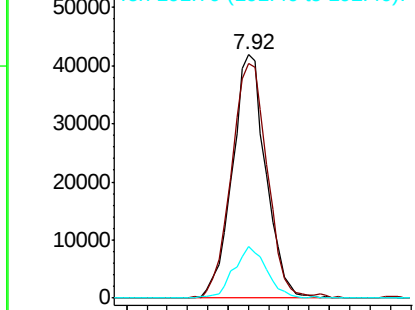


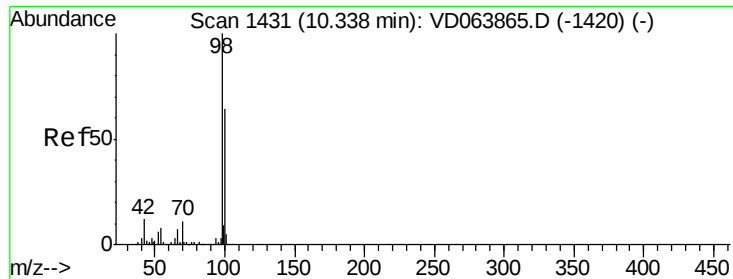
#35
Dibromofluoromethane
Concen: 51.343 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063973.D
Acq: 15 Oct 2019 15:48

Tgt Ion:113 Resp: 96231
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 20.7 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: 53.161 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063973.D

Acq: 15 Oct 2019 15:48

Instrument :

MSVOA_D

ClientSampleId :

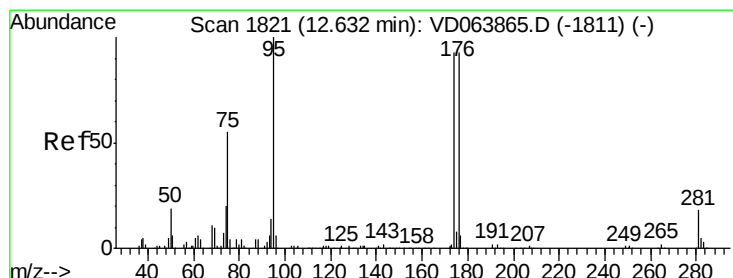
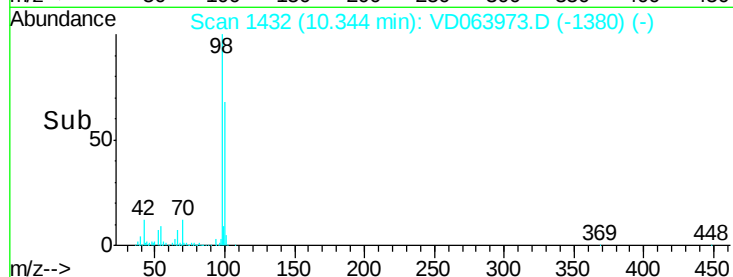
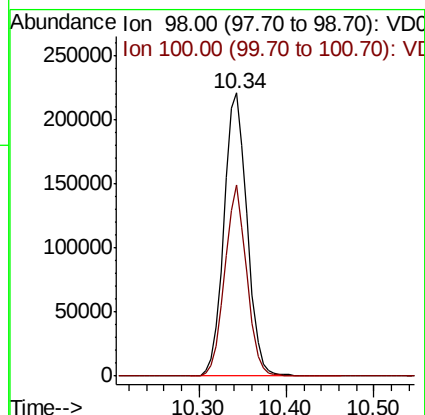
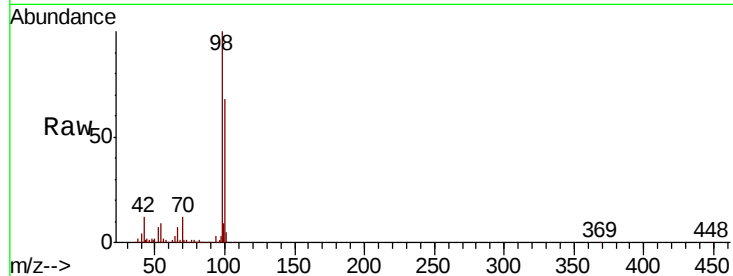
STOCK-PILE-1

Tot Ion: 98 Resp: 404420

Ion Ratio Lower Upper

98 100

100 63.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.677 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063973.D

Acq: 15 Oct 2019 15:48

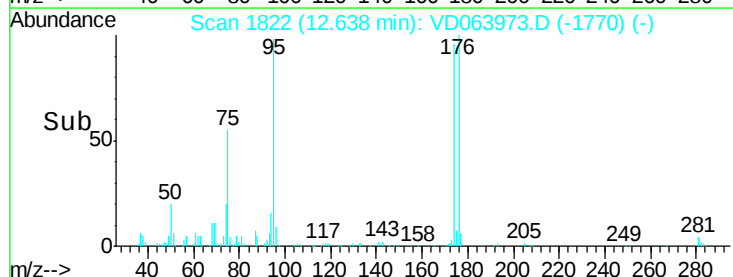
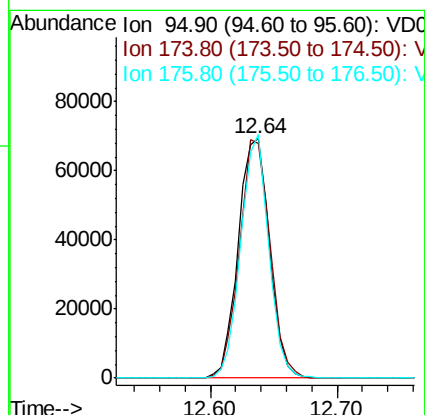
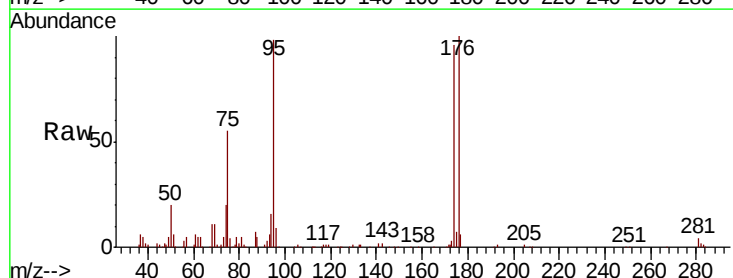
Tgt Ion: 95 Resp: 118107

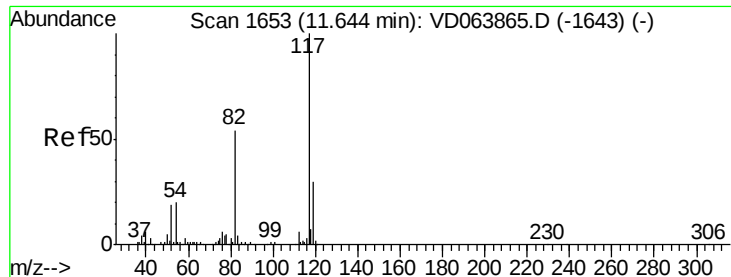
Ion Ratio Lower Upper

95 100

174 97.5 0.0 186.4

176 91.4 0.0 184.2

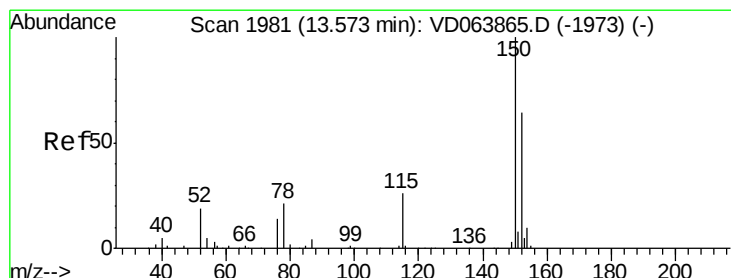
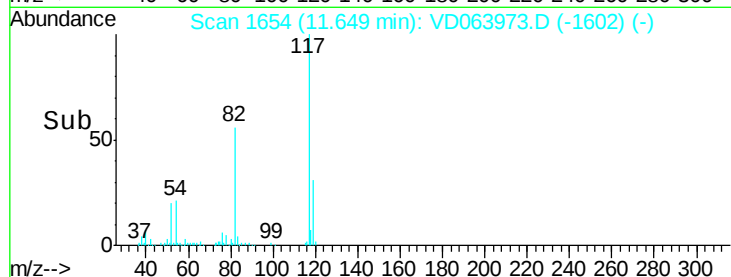
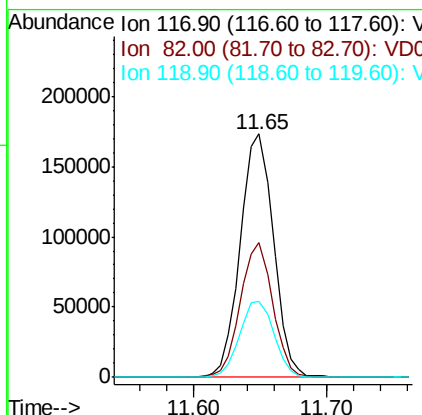
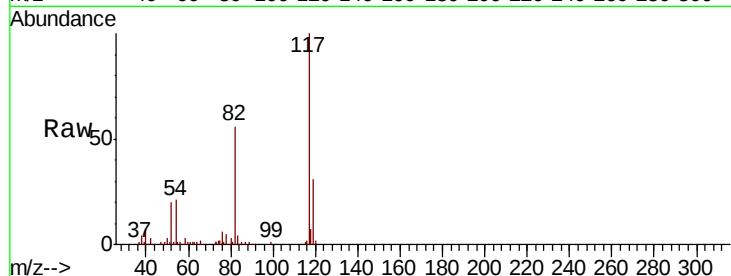




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063973.D
Acq: 15 Oct 2019 15:48

Instrument :
MSVOA_D
ClientSampleId :
STOCK-PILE-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.8	64.2
119	31.1	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: VD063973.D
Acq: 15 Oct 2019 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	25.9	77.7
150	154.9	0.0	344.2

