

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064858.D
 Acq On : 17 Jan 2020 12:54
 Operator : VA/SY
 Sample : VD0117SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0117SBL01

Quant Time: Jan 17 23:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	438677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	695457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	625939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	289761	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	211128	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
35) Dibromofluoromethane	7.92	113	214693	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.34	98	827354	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.64	95	258987	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

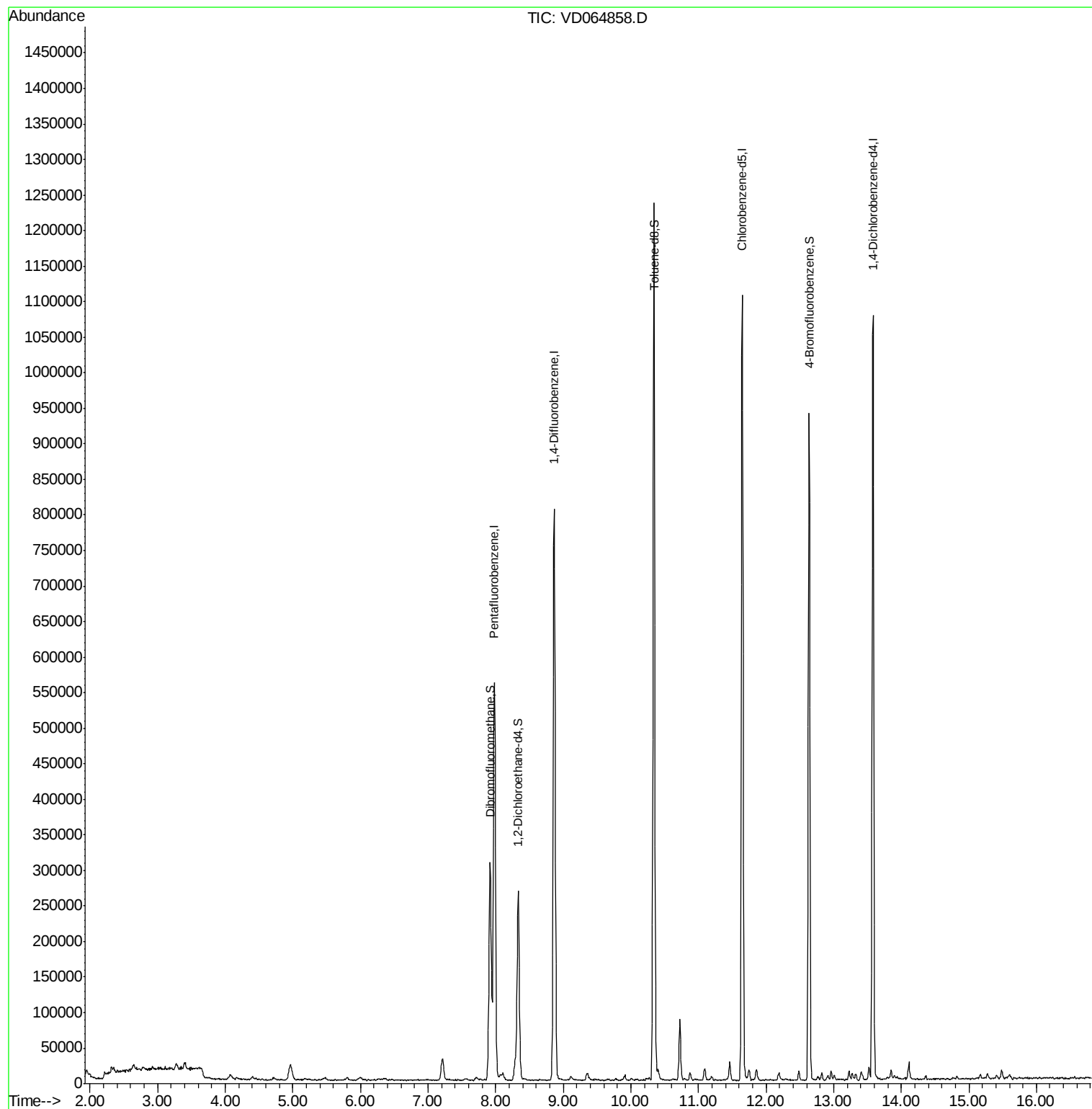
Target Compounds	Qvalue

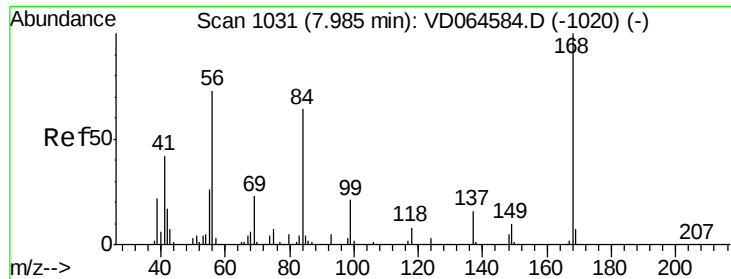
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 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: VD064858.D

Acq: 17 Jan 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

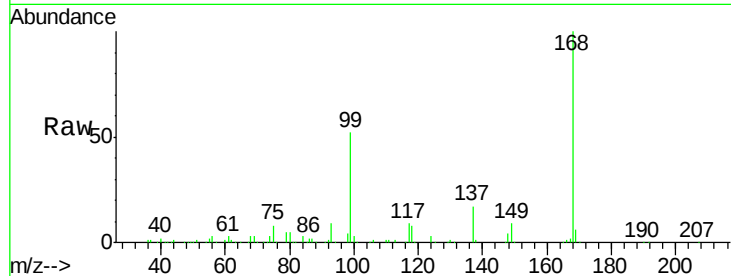
VD0117SBL01

Tot Ion:168 Resp: 438677

Ion Ratio Lower Upper

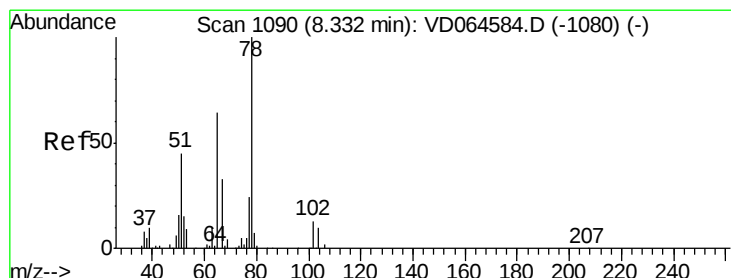
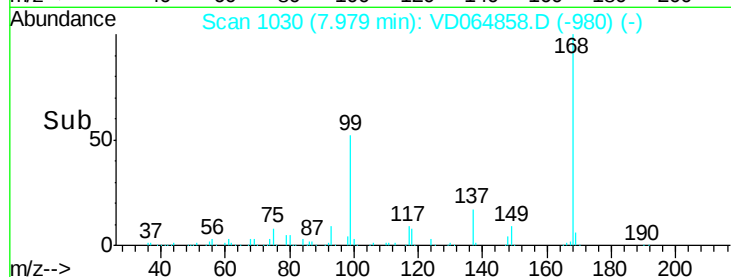
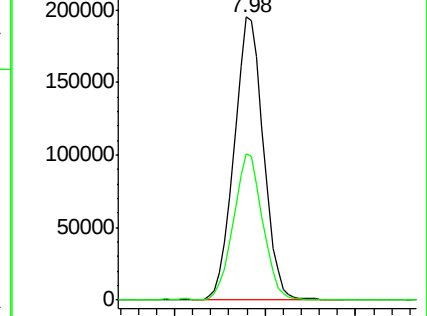
168 100

99 51.4 41.8 62.6



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: 54.580 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064858.D

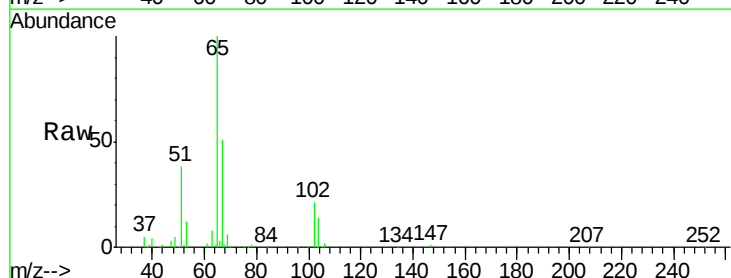
Acq: 17 Jan 2020 12:54

Tgt Ion: 65 Resp: 211128

Ion Ratio Lower Upper

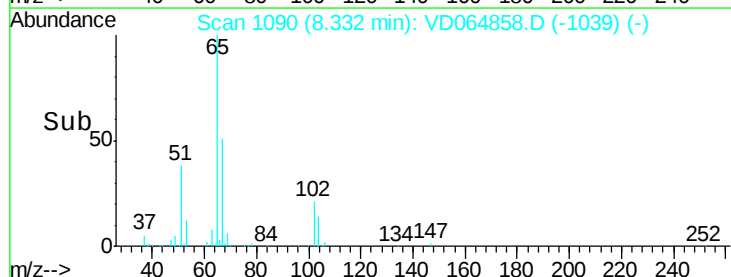
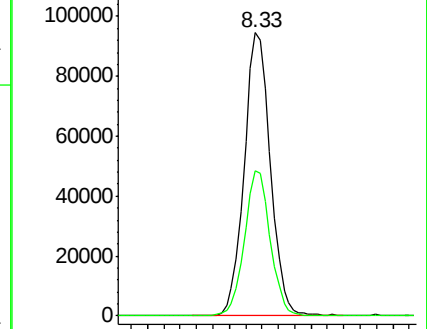
65 100

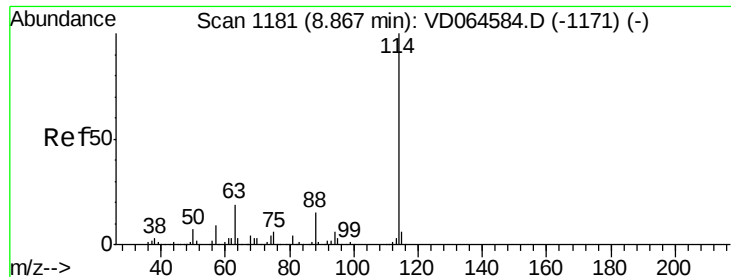
67 50.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

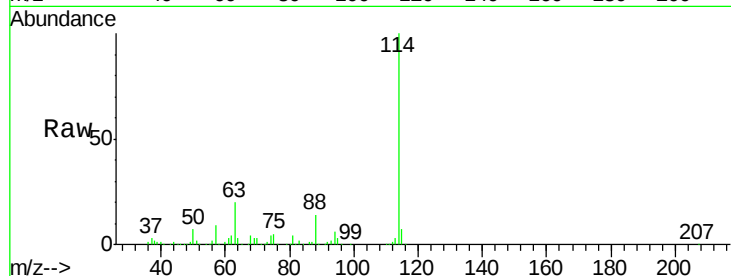




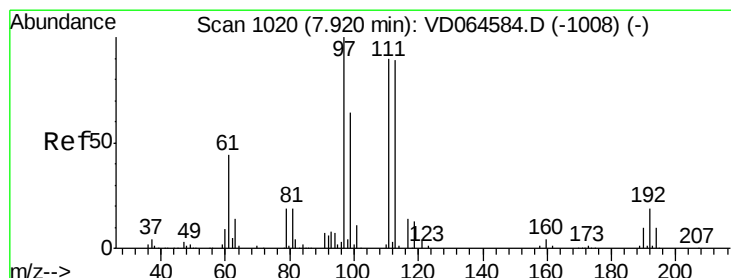
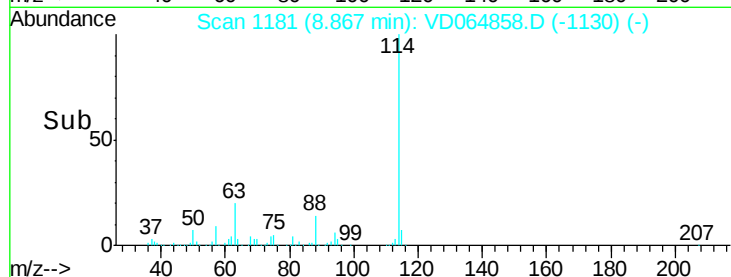
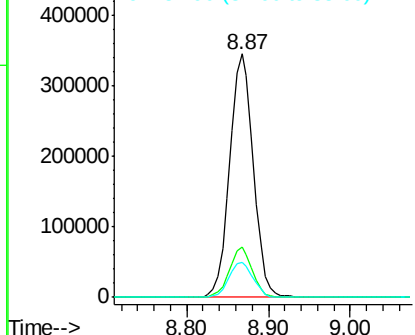
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064858.D
 Acq: 17 Jan 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0117SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	38.0
88	14.5	0.0	29.2

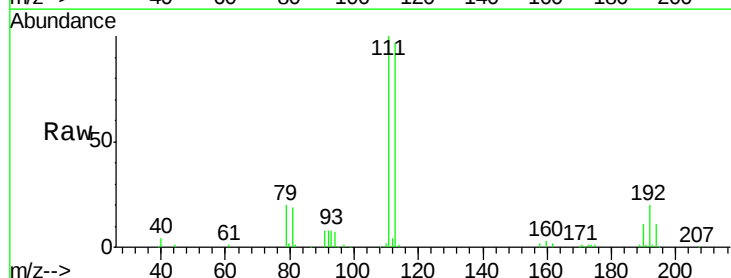


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

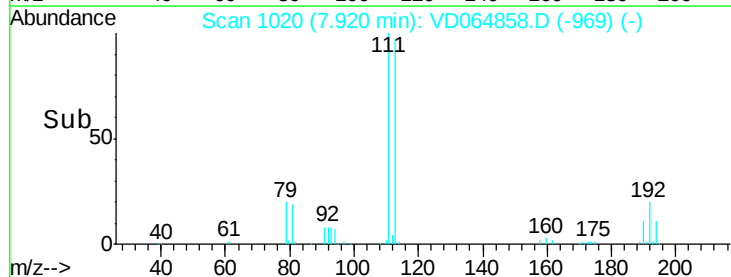
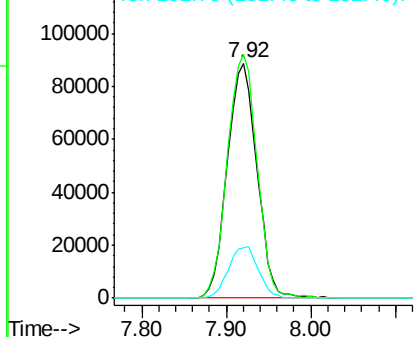


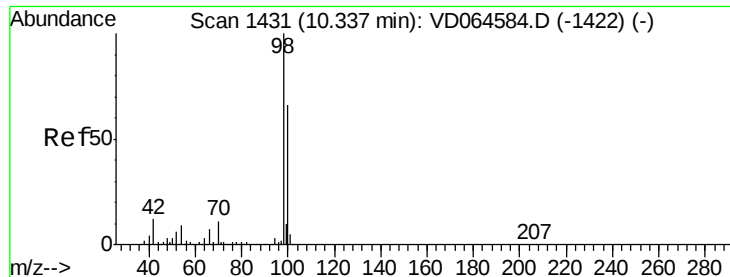
#35
 Dibromofluoromethane
 Concen: 50.318 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064858.D
 Acq: 17 Jan 2020 12:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.6	121.0
192	22.1	17.9	26.9



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: 50.630 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064858.D

Acq: 17 Jan 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

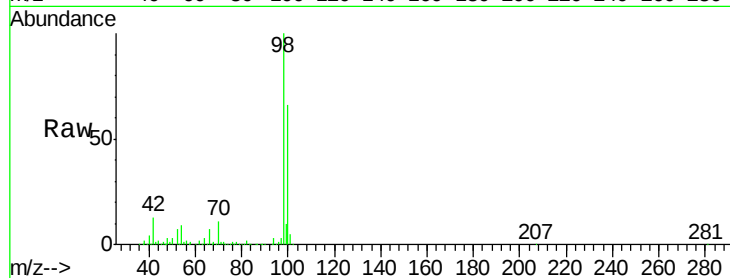
VD0117SBL01

Tot Ion: 98 Resp: 827354

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

500000

400000

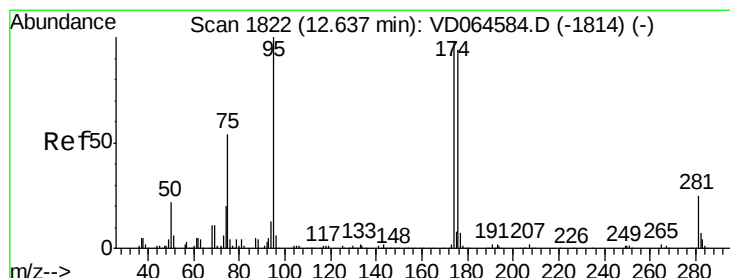
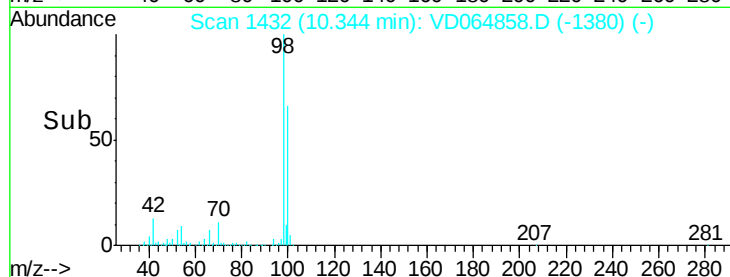
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.121 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064858.D

Acq: 17 Jan 2020 12:54

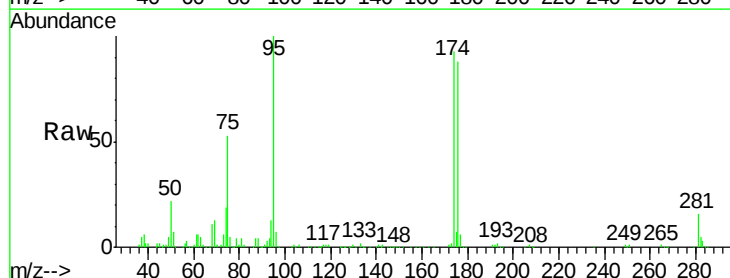
Tgt Ion: 95 Resp: 258987

Ion Ratio Lower Upper

95 100

174 92.1 0.0 193.2

176 88.6 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

12.64

200000

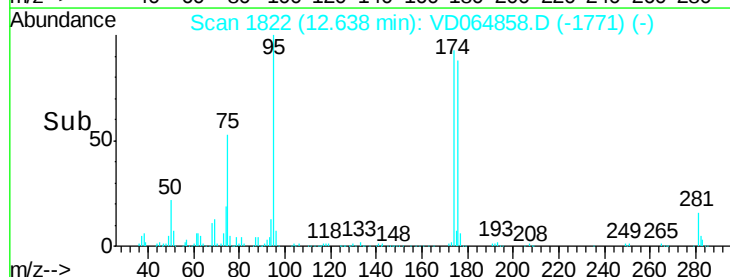
150000

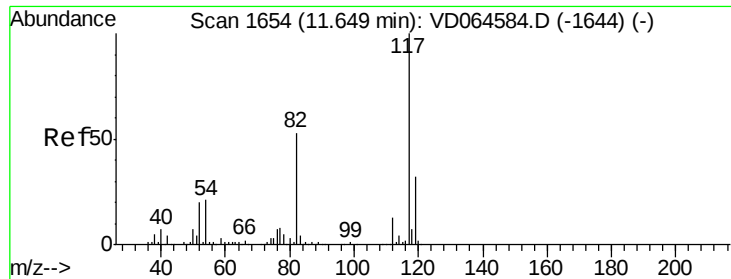
100000

50000

0

Time-->

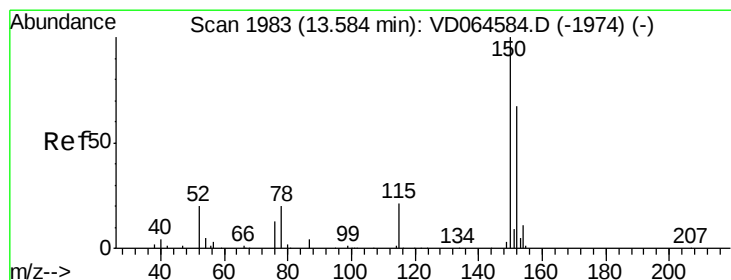
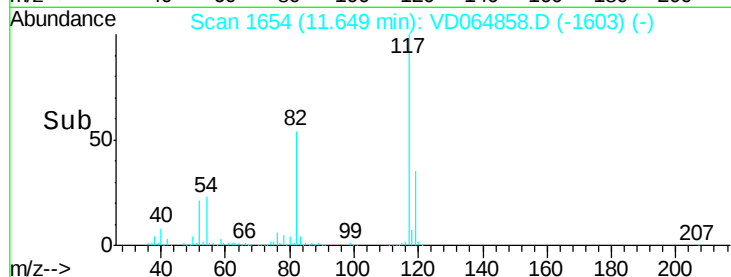
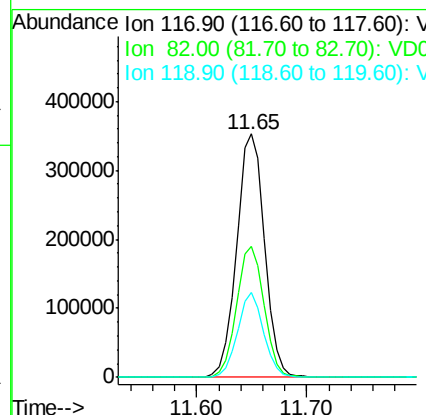
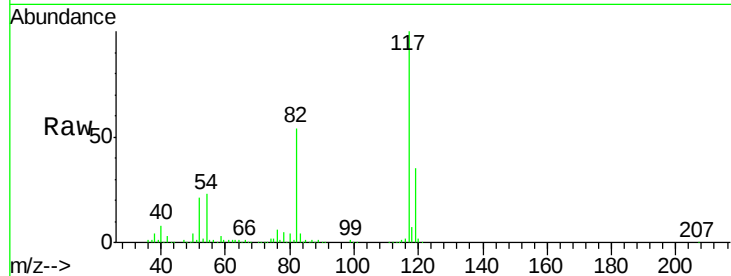




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064858.D
Acq: 17 Jan 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0117SBL01

Tot Ion:117 Resp: 625939
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 35.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064858.D
Acq: 17 Jan 2020 12:54

Tgt Ion:152 Resp: 289761
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.4
150 157.8 0.0 351.4

