

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065356.D
 Acq On : 28 Feb 2020 13:56
 Operator : VA/SY
 Sample : L1740-02
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-07-022720

Quant Time: Feb 28 16:40:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	173806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	286318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	290031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133472	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	128326	82.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.14%	
35) Dibromofluoromethane	7.92	113	110484	63.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.58%	
50) Toluene-d8	10.34	98	354882	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.64	95	113299	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	

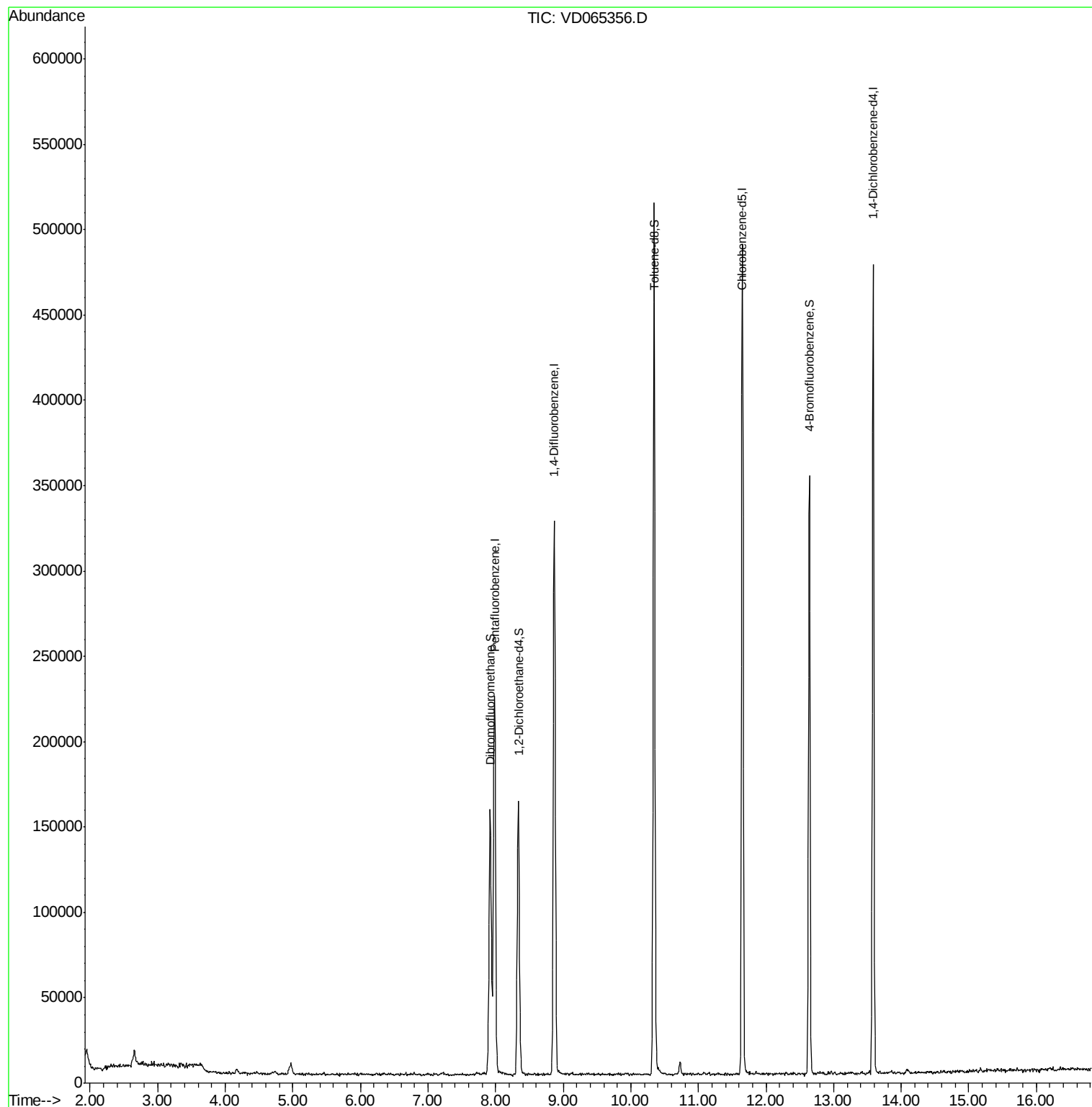
Target Compounds	Qvalue

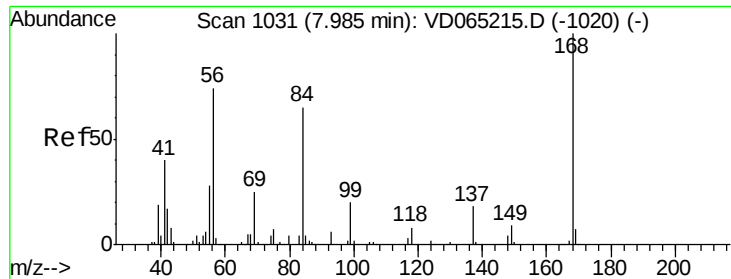
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065356.D

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MSVOA_D

ClientSampleId :

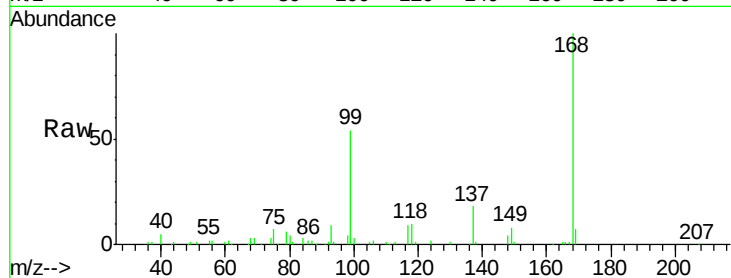
GP-07-022720

Tot Ion:168 Resp: 173806

Ion Ratio Lower Upper

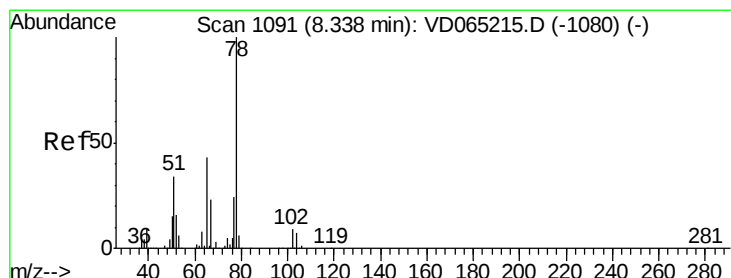
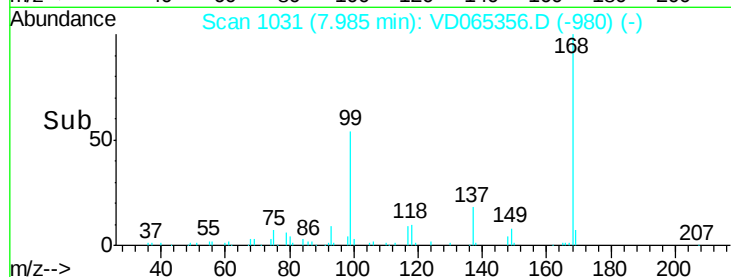
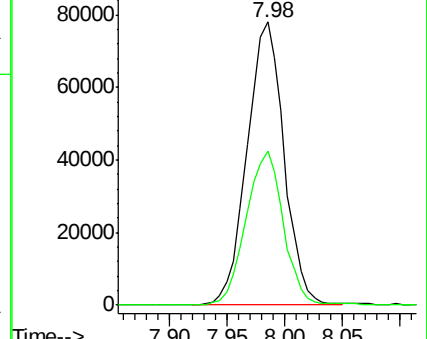
168 100

99 54.3 41.4 62.2



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: 82.072 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065356.D

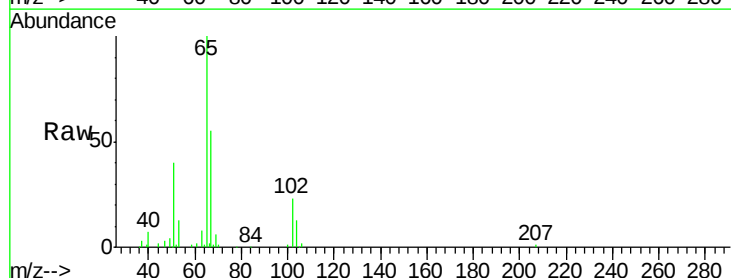
Acq: 28 Feb 2020 13:56

Tgt Ion: 65 Resp: 128326

Ion Ratio Lower Upper

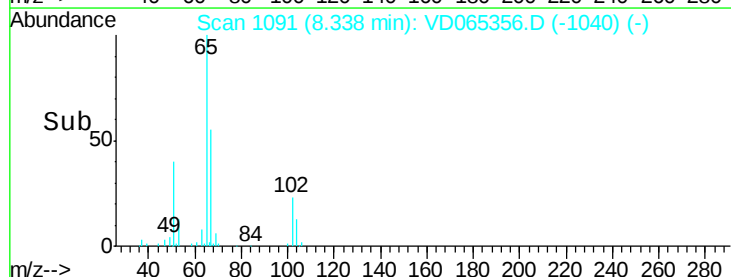
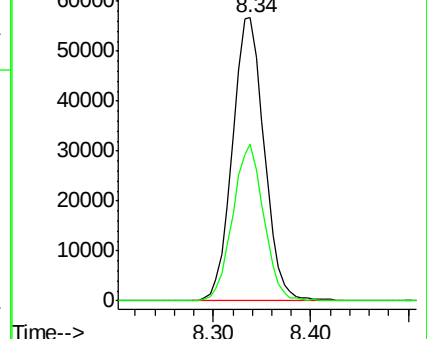
65 100

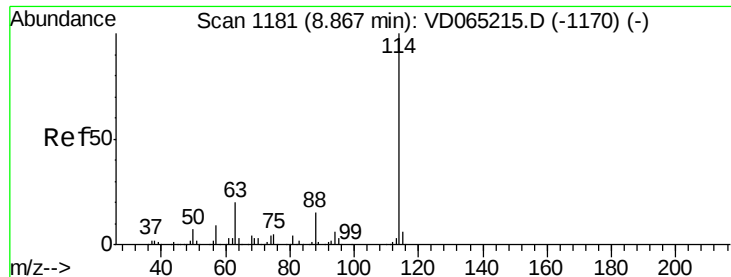
67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

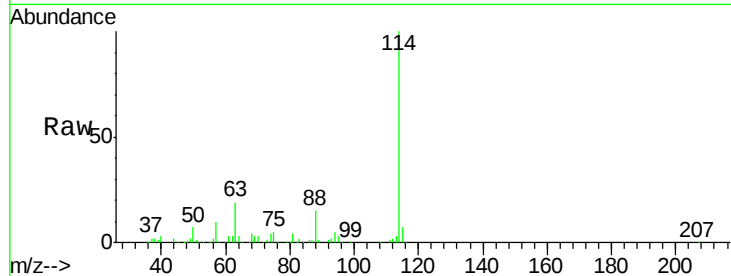




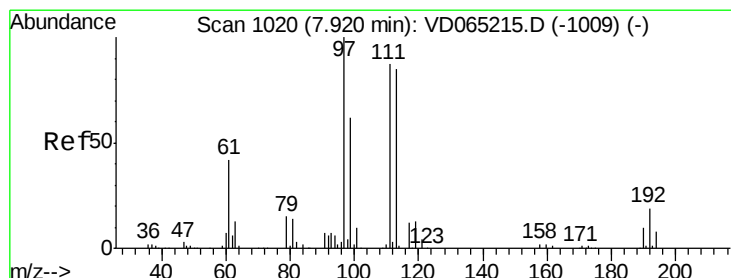
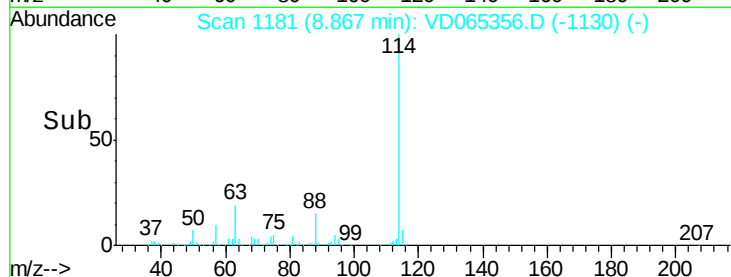
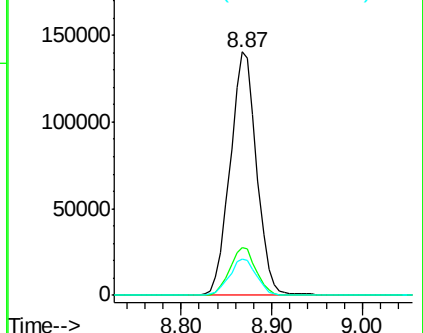
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065356.D
 Acq: 28 Feb 2020 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-07-022720

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.4
88	14.6	0.0	30.4

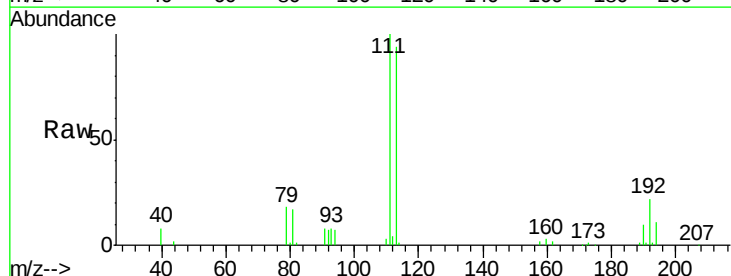


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

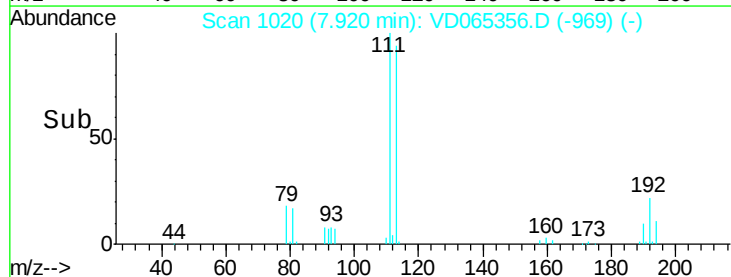
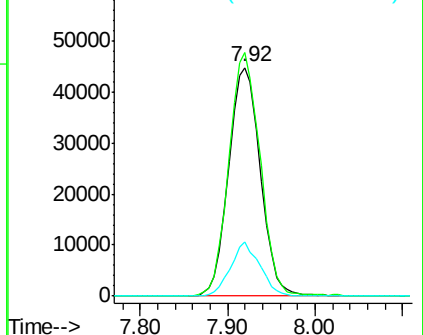


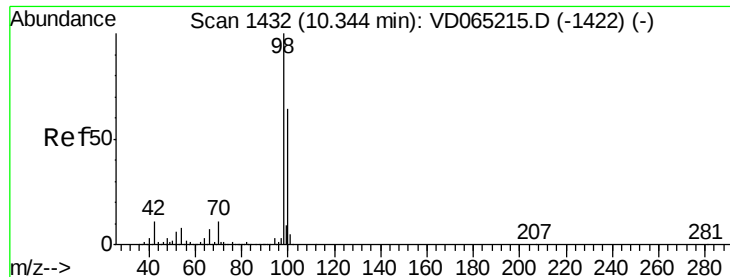
#35
 Dibromofluoromethane
 Concen: 63.286 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065356.D
 Acq: 28 Feb 2020 13:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.9	124.3
192	21.8	17.3	25.9



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: 53.174 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065356.D

Acq: 28 Feb 2020 13:56

Instrument :

MSVOA_D

ClientSampleId :

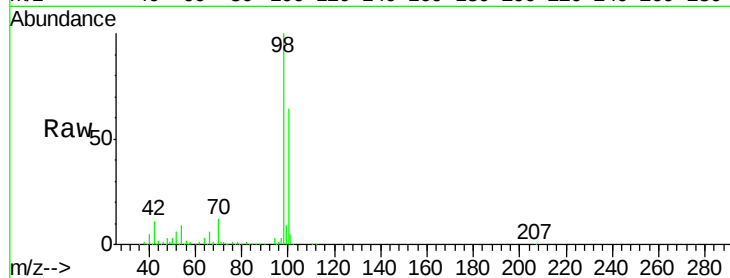
GP-07-022720

Tot Ion: 98 Resp: 354882

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

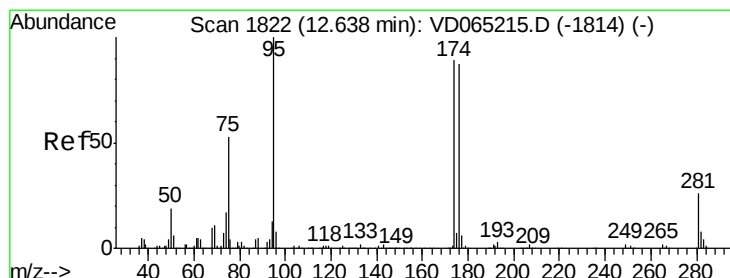
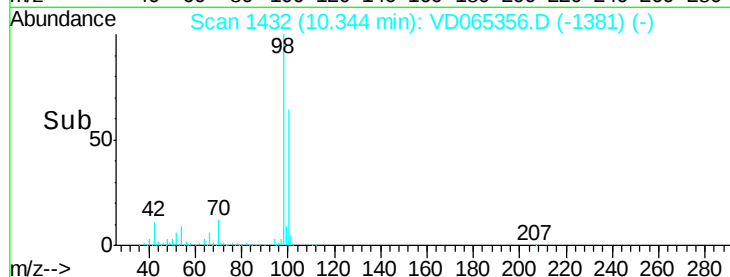
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.588 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065356.D

Acq: 28 Feb 2020 13:56

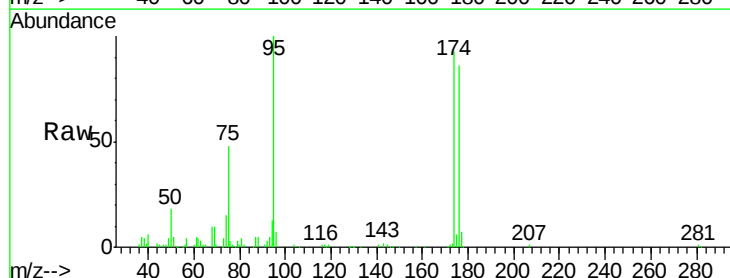
Tgt Ion: 95 Resp: 113299

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.0

176 86.0 0.0 174.4



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

80000

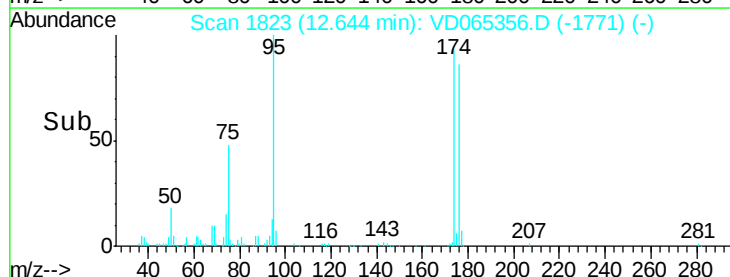
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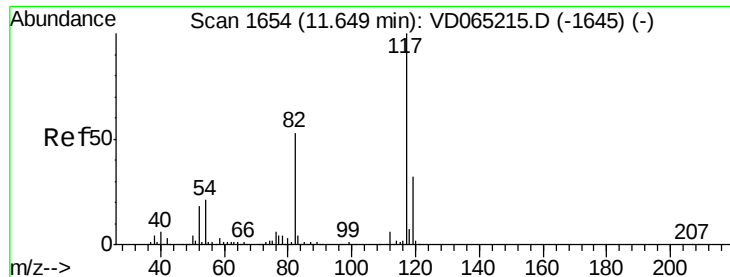
40000

20000

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Time-->

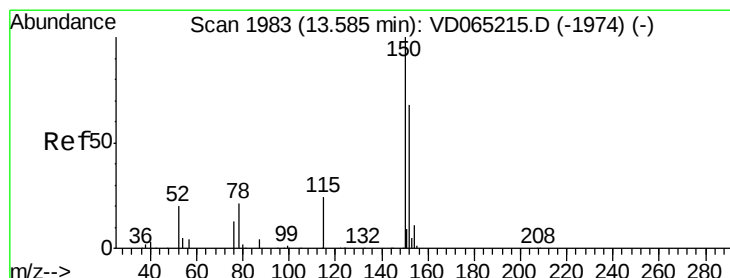
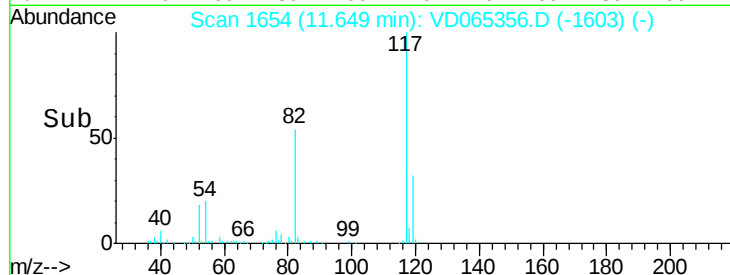
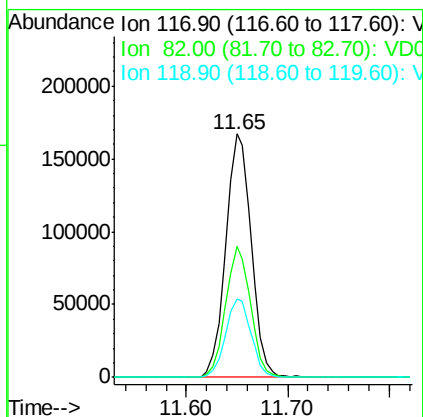
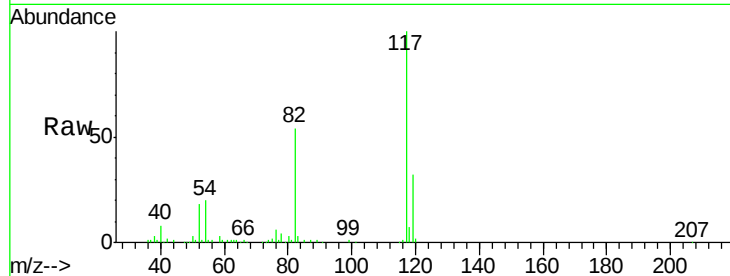




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

Instrument :
MSVOA_D
ClientSampleId :
GP-07-022720

Tot Ion:117 Resp: 290031
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065356.D
Acq: 28 Feb 2020 13:56

Tgt Ion:152 Resp: 133472
Ion Ratio Lower Upper
152 100
115 55.3 27.6 82.8
150 155.3 0.0 347.4

