

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030920\
 Data File : VD065454.D
 Acq On : 09 Mar 2020 17:17
 Operator : VA/SY
 Sample : L1844-04
 Misc : 8.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-17-030520

Quant Time: Mar 10 13:44:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	534972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	923116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	872092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	393735	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	275444	60.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.04%	
35) Dibromofluoromethane	7.92	113	300906	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.34	98	1135174	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.64	95	343210	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

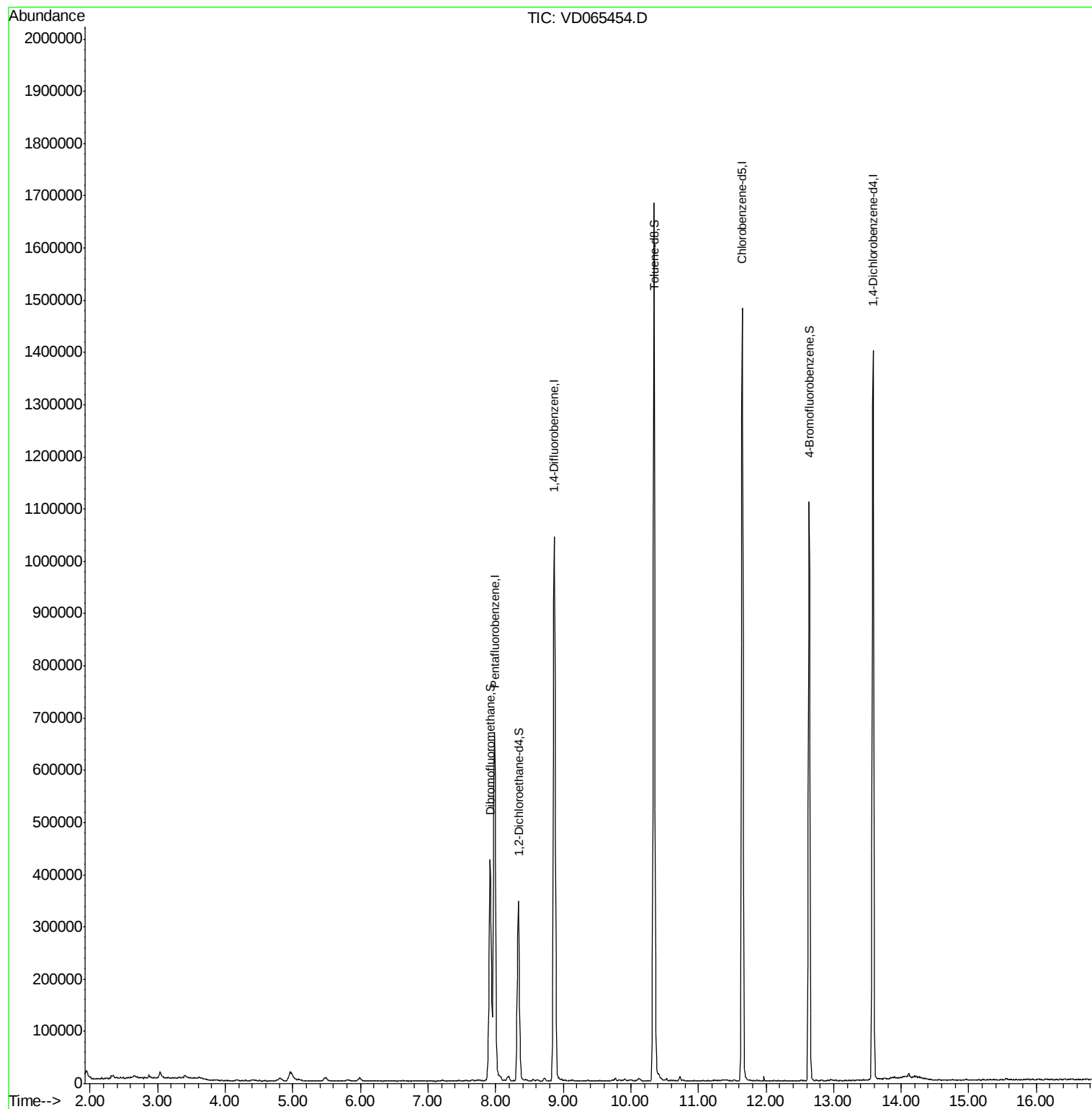
Target Compounds	Qvalue

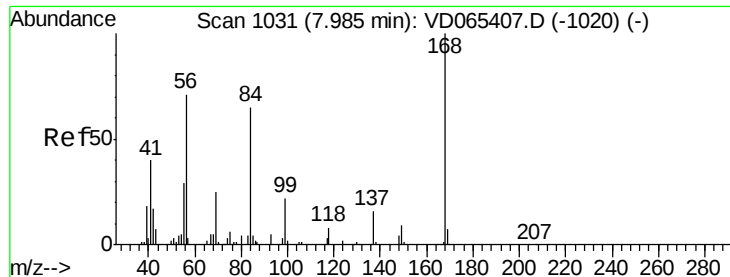
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030920\
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QLast Update : Thu Mar 05 01:22:07 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065454.D

Acq: 09 Mar 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

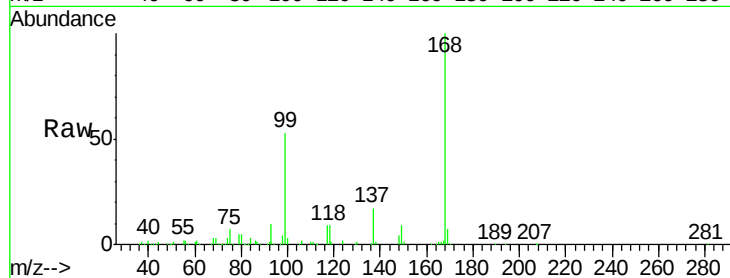
GP-17-030520

Tot Ion:168 Resp: 534972

Ion Ratio Lower Upper

168 100

99 52.7 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

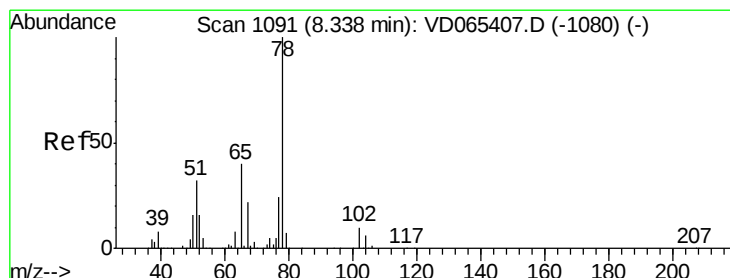
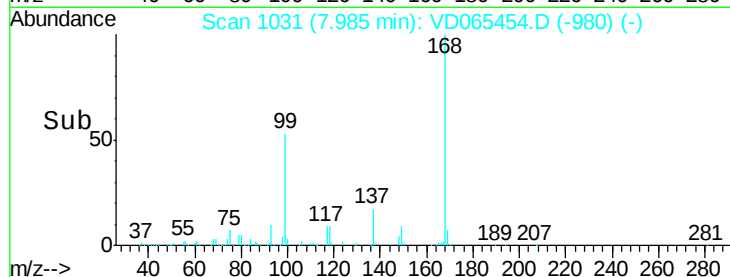
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.023 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065454.D

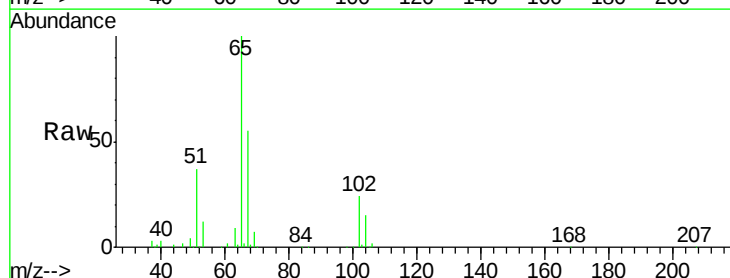
Acq: 09 Mar 2020 17:17

Tgt Ion: 65 Resp: 275444

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

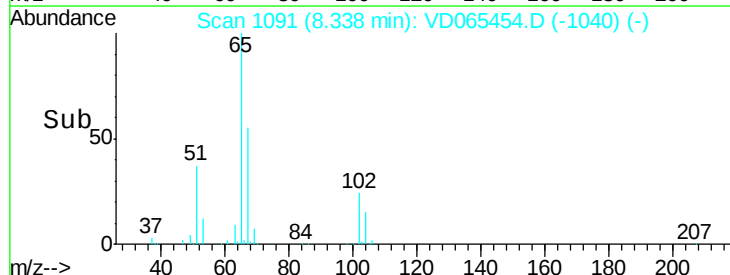
8.34

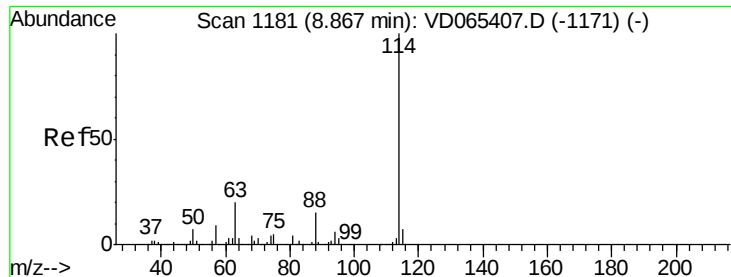
100000

50000

0

Time-->

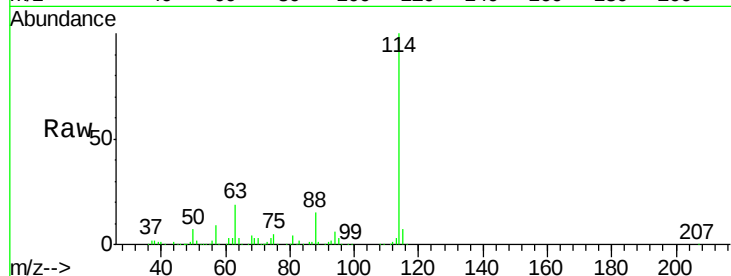




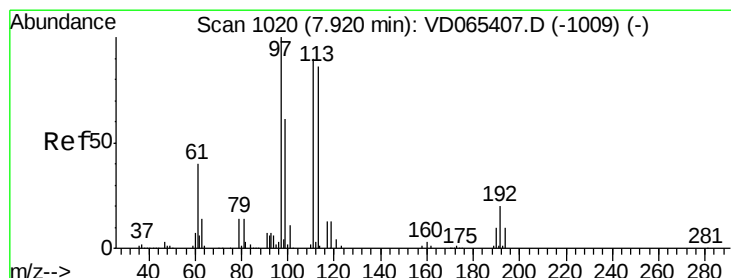
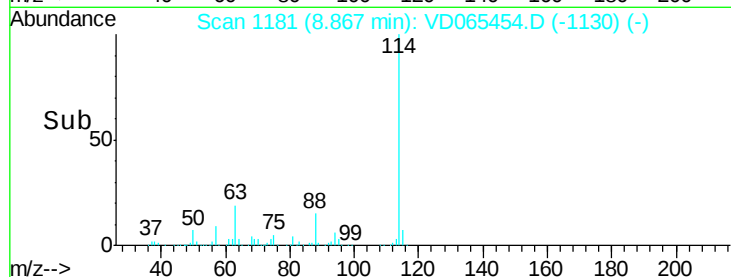
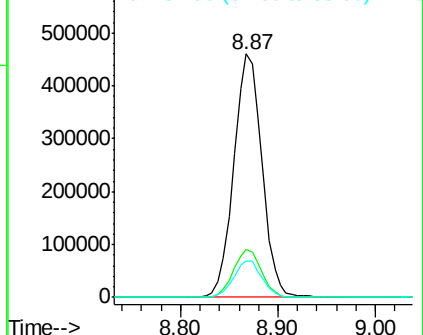
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065454.D
 Acq: 09 Mar 2020 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-17-030520

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.6
88	15.1	0.0	30.4

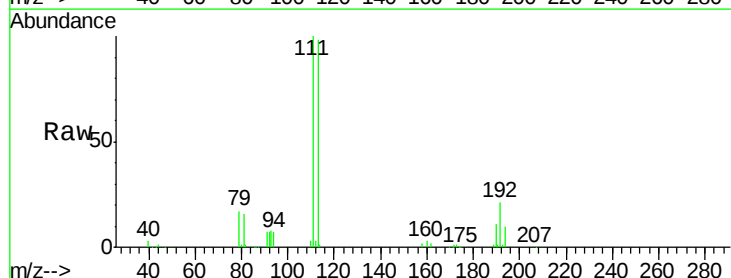


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

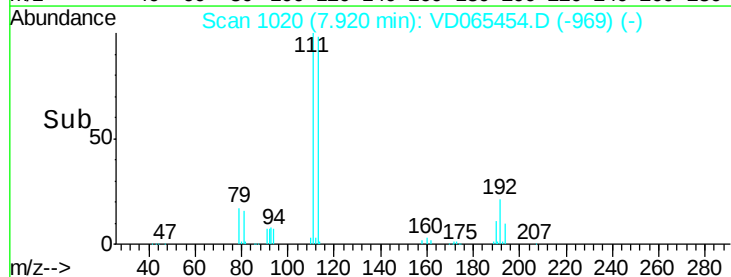
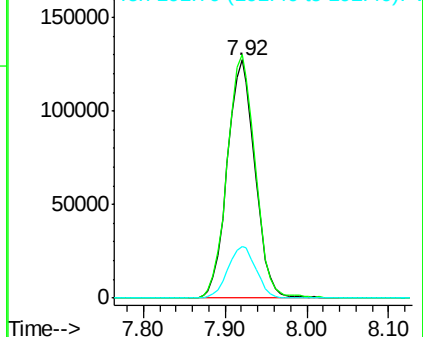


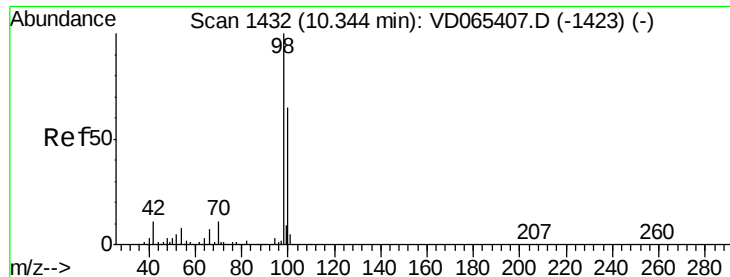
#35
 Dibromofluoromethane
 Concen: 52.711 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065454.D
 Acq: 09 Mar 2020 17:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	22.2	17.2	25.8



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: 51.834 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065454.D

Acq: 09 Mar 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

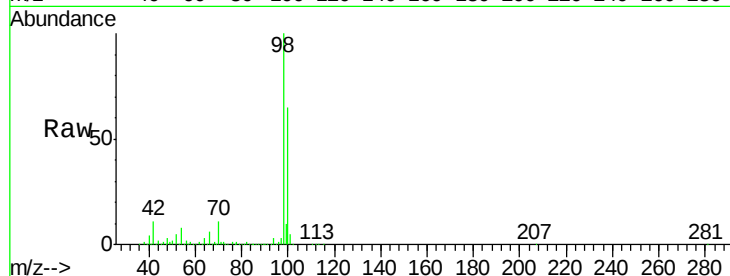
GP-17-030520

Tot Ion: 98 Resp: 1135174

Ion Ratio Lower Upper

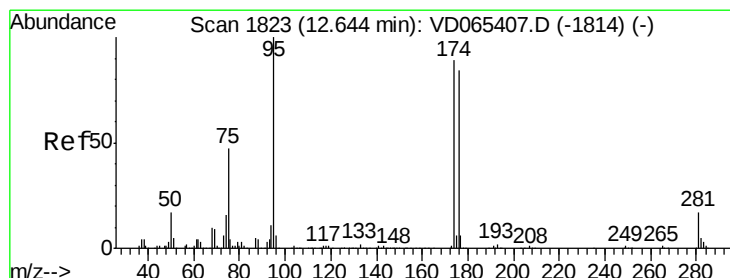
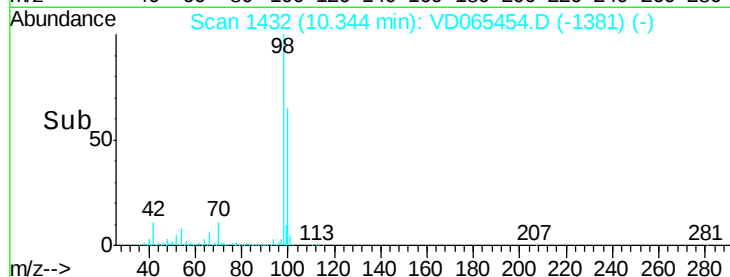
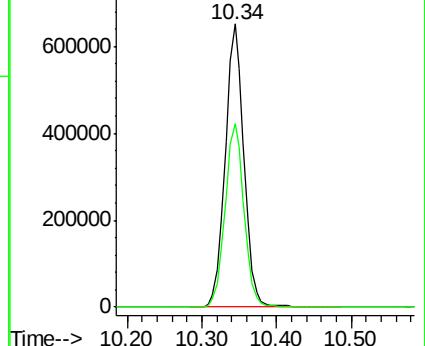
98 100

100 65.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.765 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065454.D

Acq: 09 Mar 2020 17:17

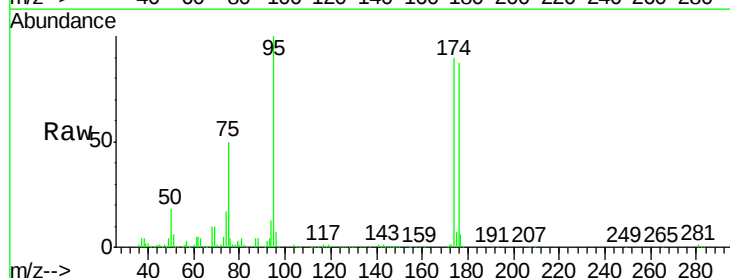
Tgt Ion: 95 Resp: 343210

Ion Ratio Lower Upper

95 100

174 90.8 0.0 176.8

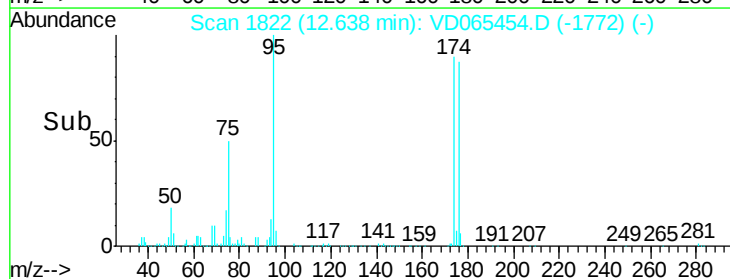
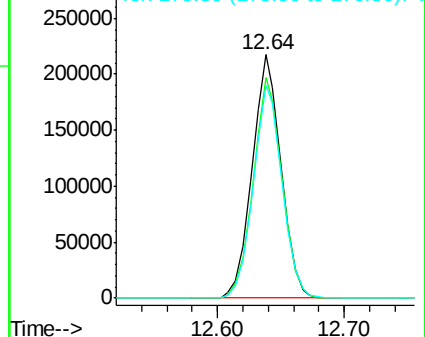
176 87.7 0.0 171.4

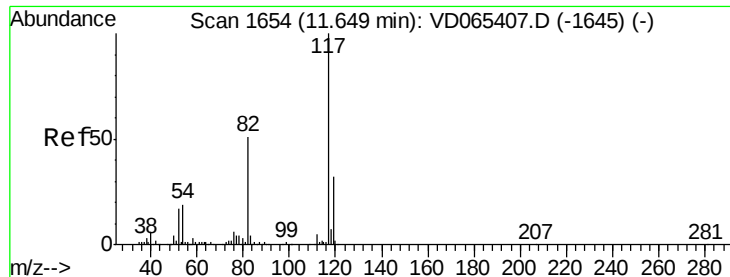


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

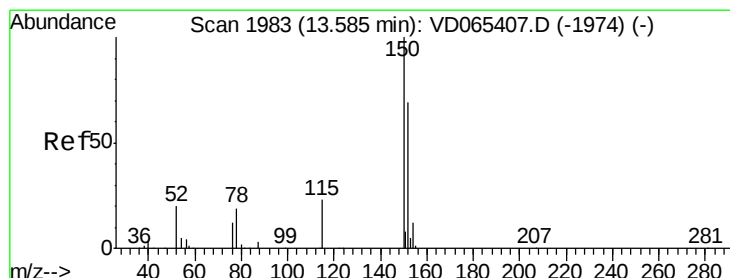
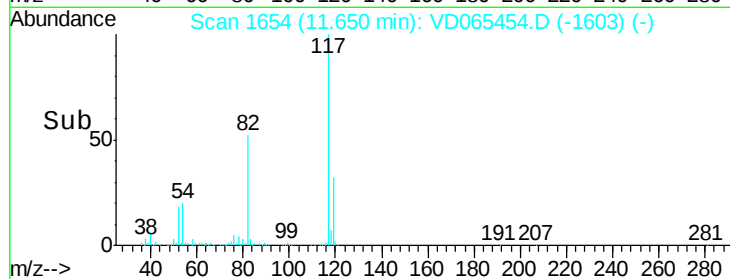
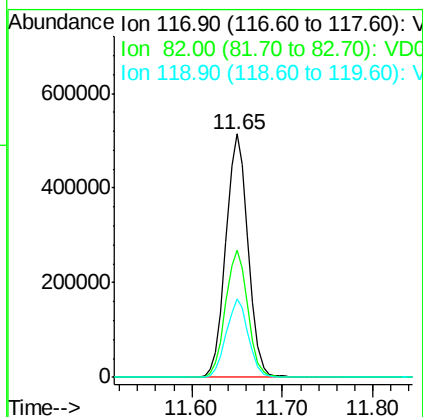
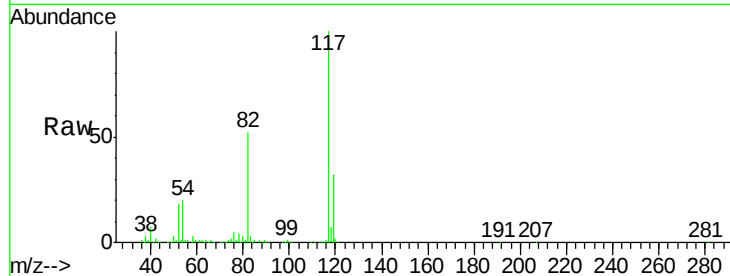




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065454.D
Acq: 09 Mar 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
GP-17-030520

Tot Ion:117 Resp: 872092
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065454.D
Acq: 09 Mar 2020 17:17

Tgt Ion:152 Resp: 393735
Ion Ratio Lower Upper
152 100
115 55.8 27.6 82.8
150 157.2 0.0 345.0

