

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030920\
 Data File : VD065442.D
 Acq On : 09 Mar 2020 11:23
 Operator : VA/SY
 Sample : VD0309SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0309SBL01

Quant Time: Mar 10 12:37:45 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	7.98	168	560465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	938894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	854460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	396942	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	264233	54.96	ug/l	0.00
Spiked Amount						
			Recovery	=	109.92%	
35) Dibromofluoromethane	7.92	113	295970	50.97	ug/l	0.00
Spiked Amount						
			Recovery	=	101.94%	
50) Toluene-d8	10.34	98	1141585	51.25	ug/l	0.00
Spiked Amount						
			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.64	95	344844	50.15	ug/l	0.00
Spiked Amount						
			Recovery	=	100.30%	

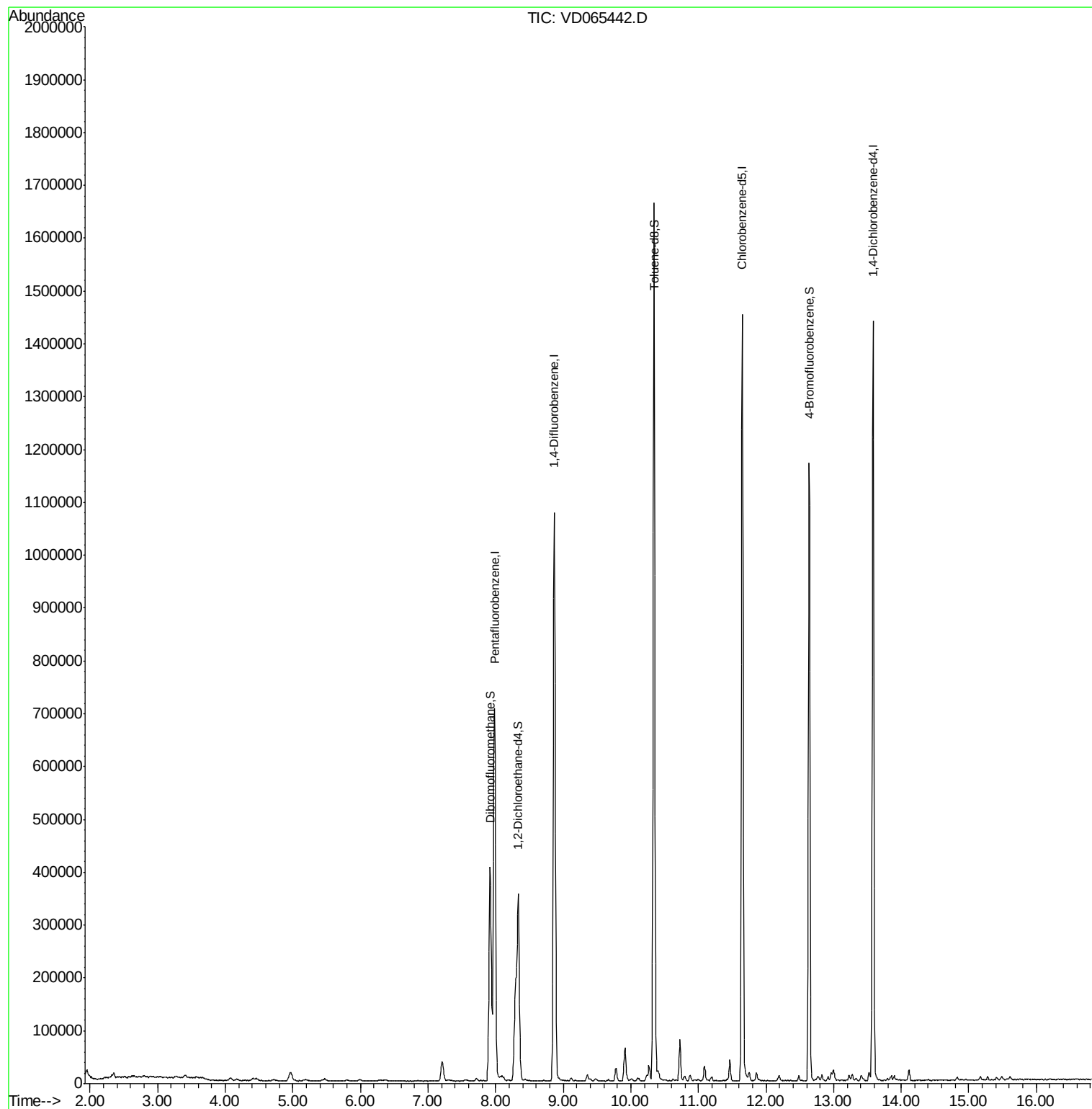
Target Compounds	Qvalue
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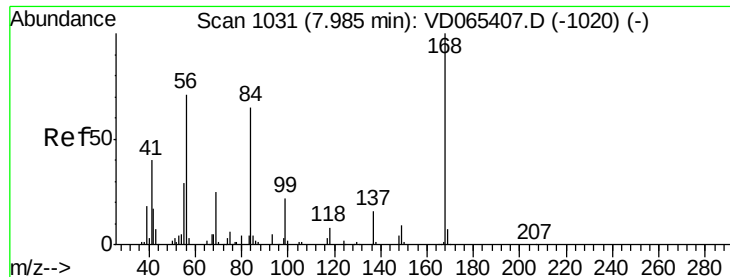
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030920\
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065442.D

Acq: 09 Mar 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

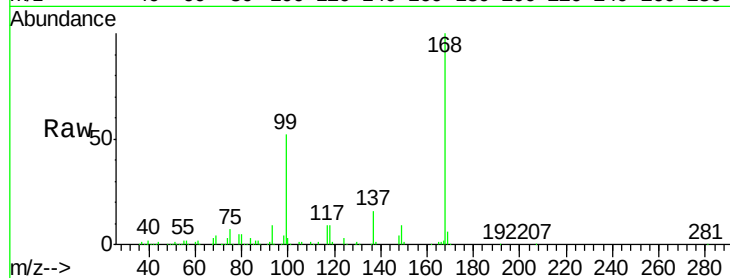
VD0309SBL01

Tot Ion:168 Resp: 560465

Ion Ratio Lower Upper

168 100

99 51.8 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

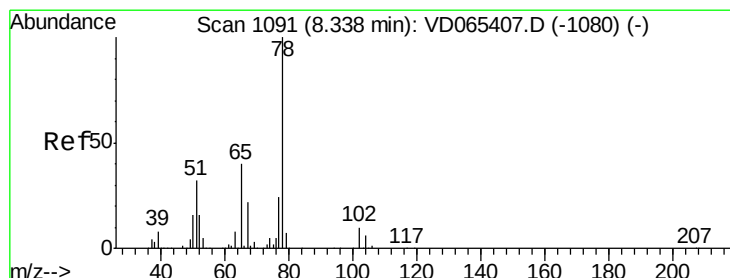
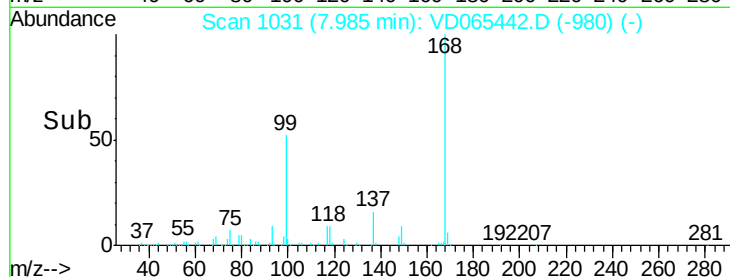
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.961 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065442.D

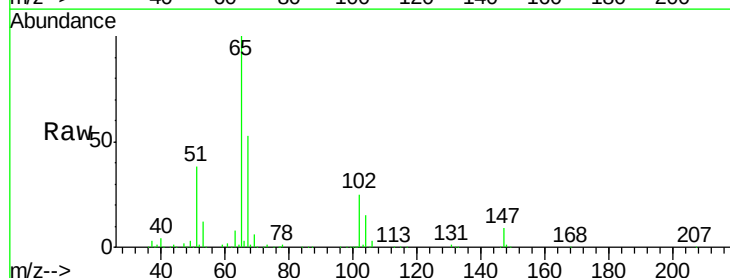
Acq: 09 Mar 2020 11:23

Tgt Ion: 65 Resp: 264233

Ion Ratio Lower Upper

65 100

67 55.0 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

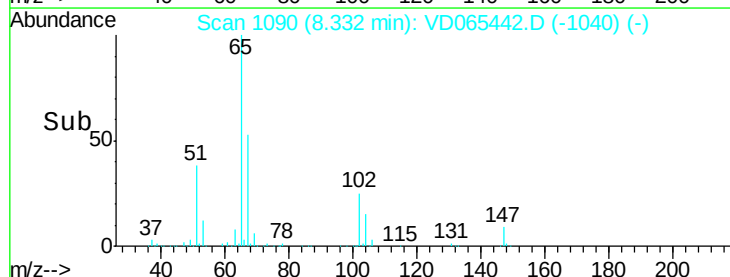
8.33

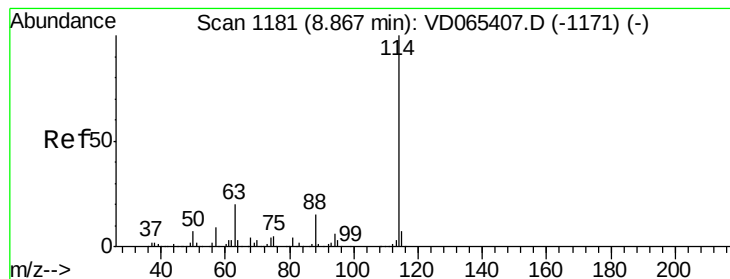
100000

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: VD065442.D

Acq: 09 Mar 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0309SBL01

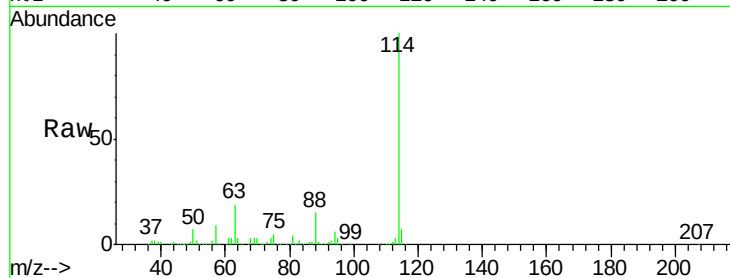
Tot Ion:114 Resp: 938894

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.1 0.0 30.4



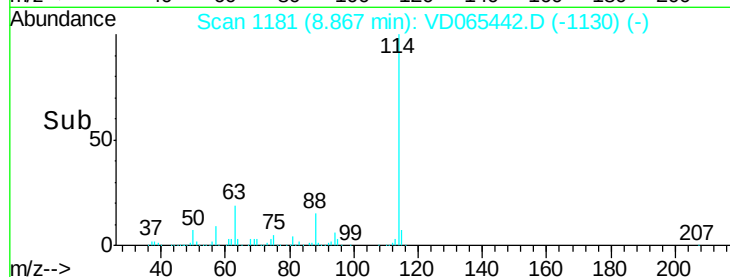
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

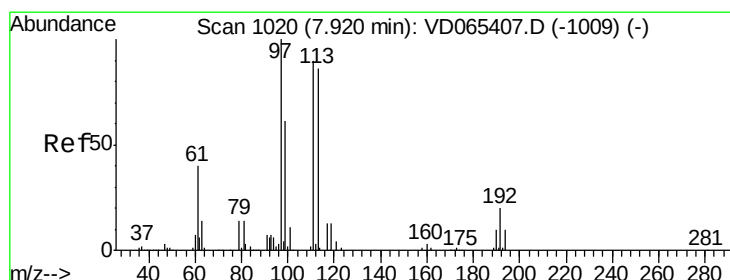
Ion 87.90 (87.60 to 88.60): V

8.87

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 50.975 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065442.D

Acq: 09 Mar 2020 11:23

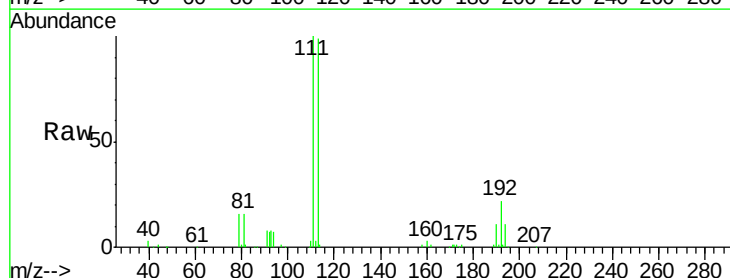
Tgt Ion:113 Resp: 295970

Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

192 22.9 17.2 25.8



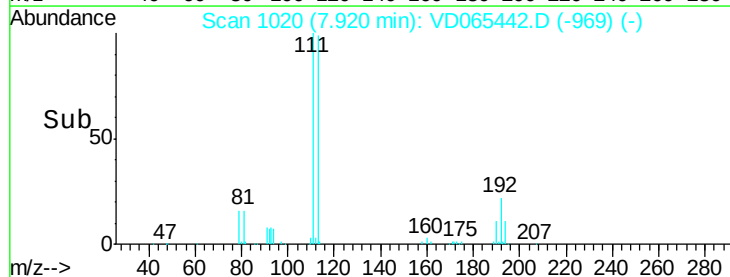
Abundance Ion 112.80 (112.50 to 113.50): V

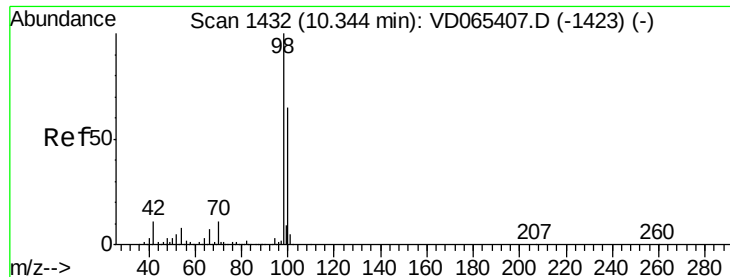
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.92

Time-->





#50

Toluene-d8

Concen: 51.250 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065442.D

Acq: 09 Mar 2020 11:23

Instrument :

MSVOA_D

ClientSampleId :

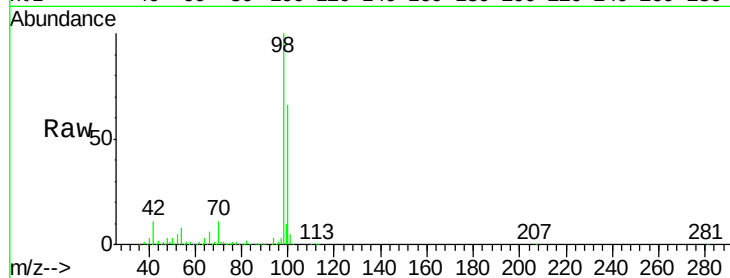
VD0309SBL01

Tot Ion: 98 Resp: 1141585

Ion Ratio Lower Upper

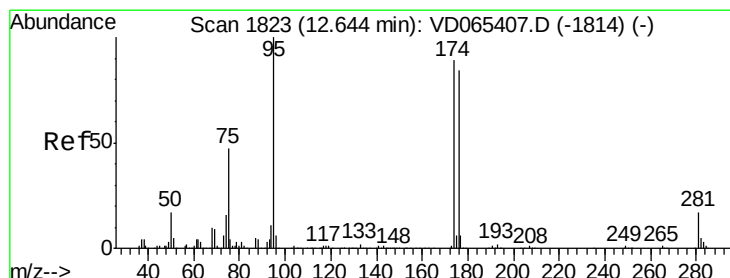
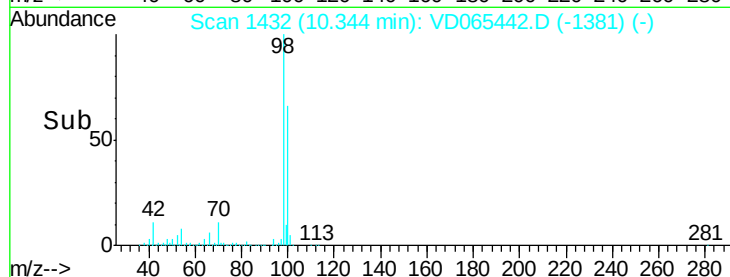
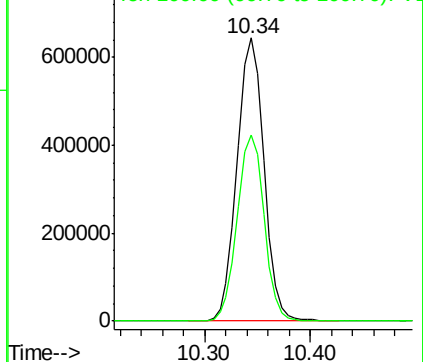
98 100

100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 50.149 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065442.D

Acq: 09 Mar 2020 11:23

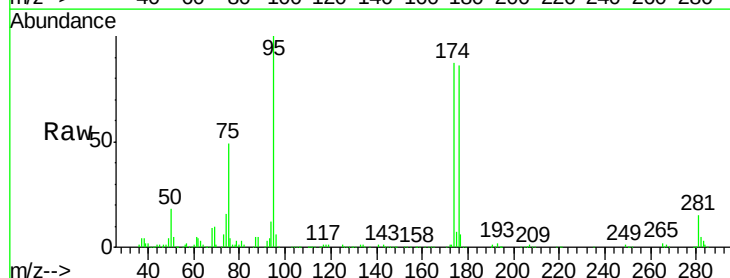
Tgt Ion: 95 Resp: 344844

Ion Ratio Lower Upper

95 100

174 91.3 0.0 176.8

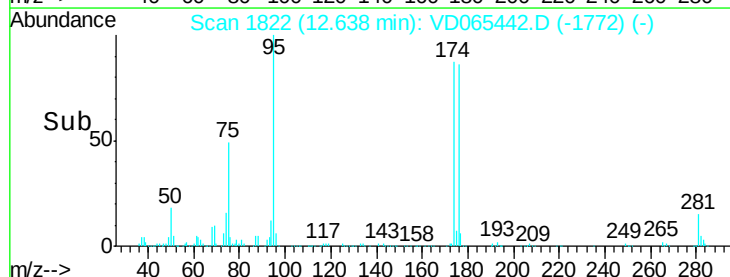
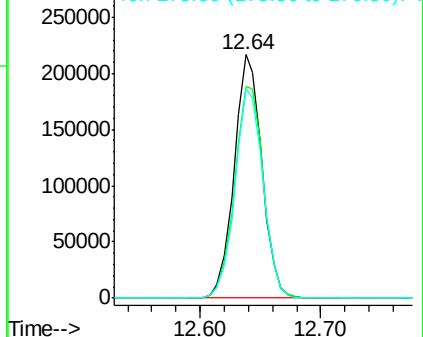
176 87.7 0.0 171.4

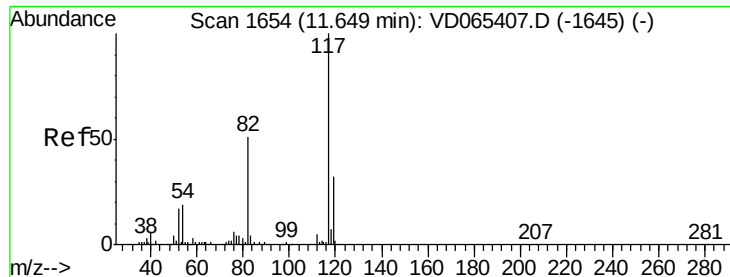


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

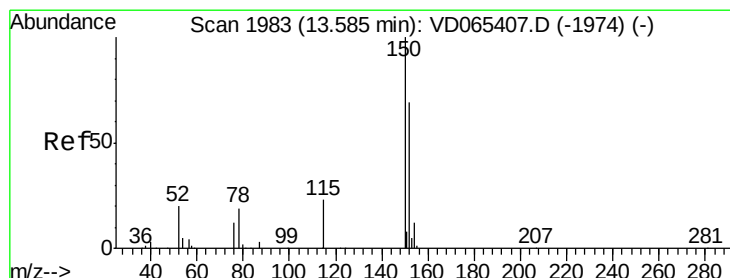
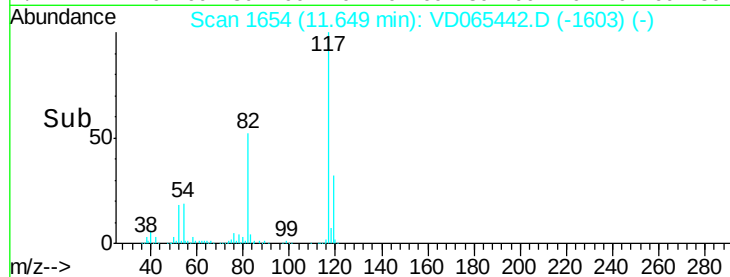
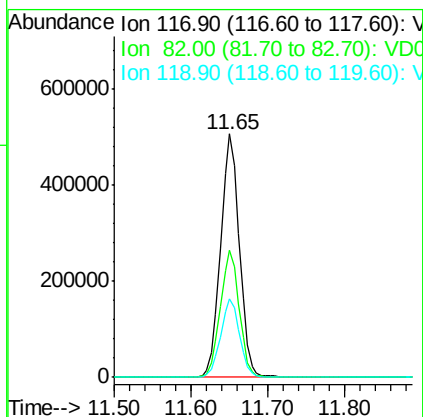
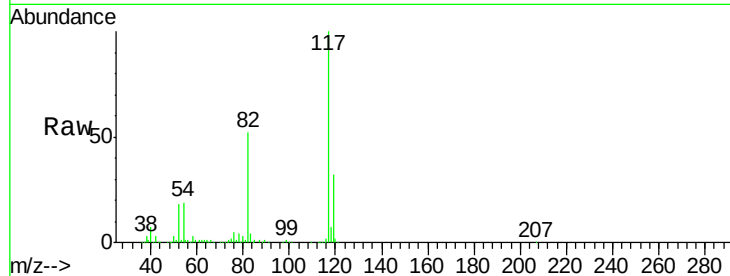




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065442.D
Acq: 09 Mar 2020 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0309SBL01

Tot Ion:117 Resp: 854460
Ion Ratio Lower Upper
117 100
82 52.4 40.6 60.8
119 32.2 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: VD065442.D
Acq: 09 Mar 2020 11:23

Tgt Ion:152 Resp: 396942
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 156.2 0.0 345.0

