

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022520\
 Data File : VD065315.D
 Acq On : 25 Feb 2020 18:23
 Operator : VA/SY
 Sample : L1682-01
 Misc : 4.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Quant Time: Feb 26 00:04:52 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	7.99	168	575959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	984906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	881839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	390938	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	284166	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.92	113	310756	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.34	98	1184138	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.64	95	350914	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

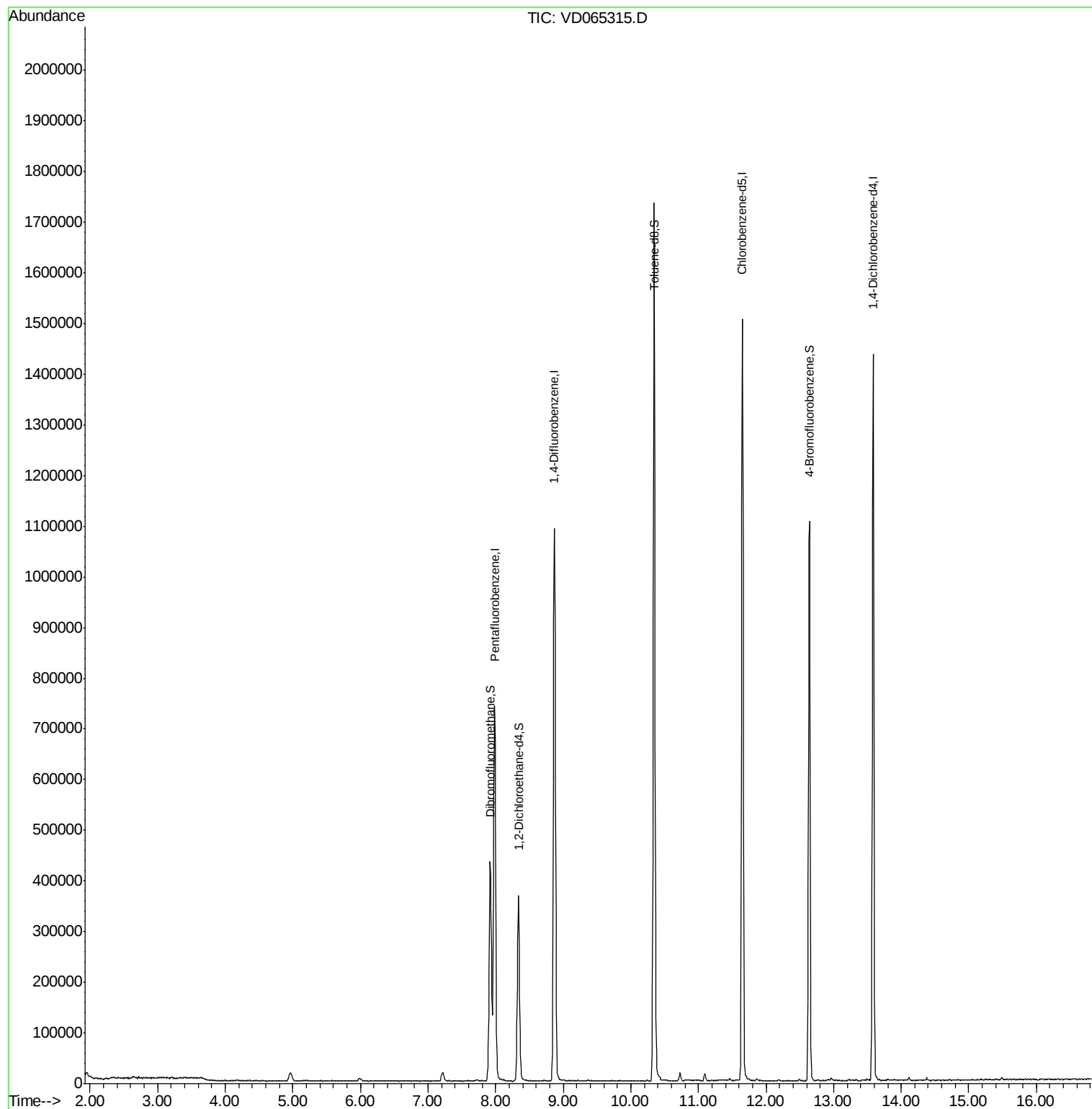
Target Compounds	Qvalue
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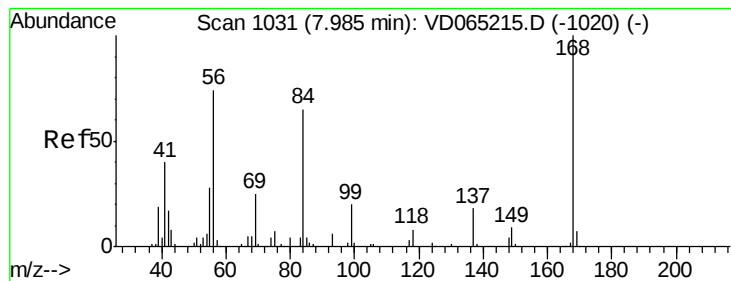
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022520\
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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: VD065315.D

Acq: 25 Feb 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

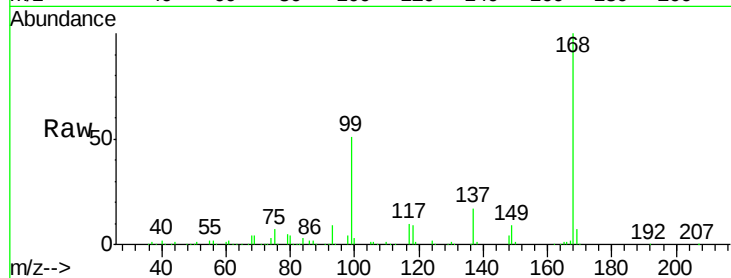
S-1

Tot Ion:168 Resp: 575959

Ion Ratio Lower Upper

168 100

99 51.1 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

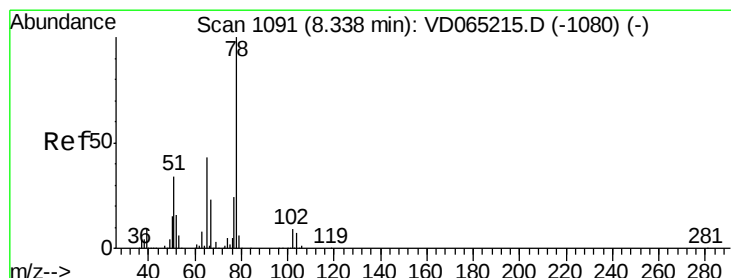
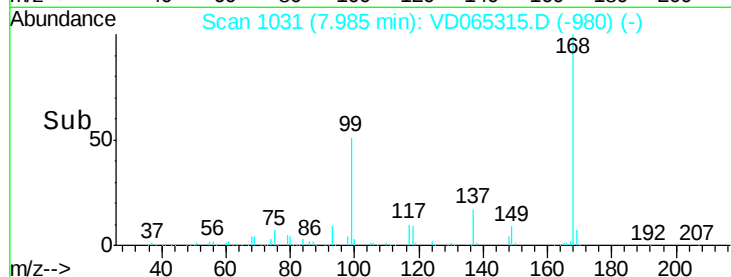
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.844 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065315.D

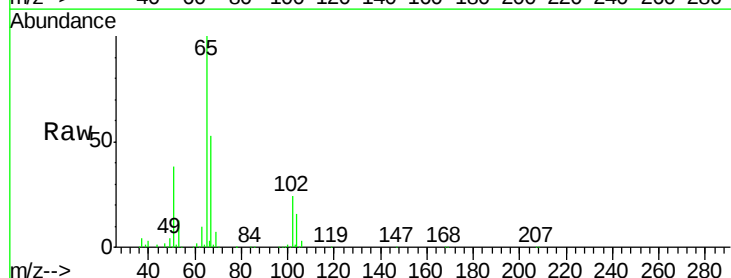
Acq: 25 Feb 2020 18:23

Tgt Ion: 65 Resp: 284166

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

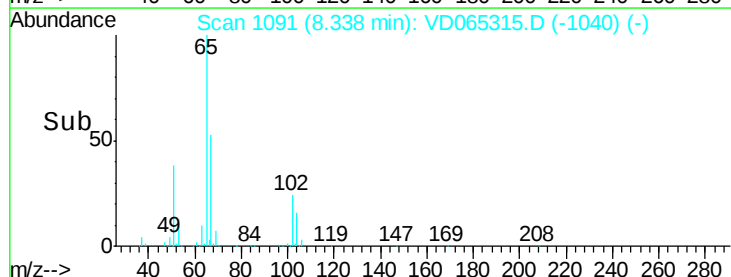
150000

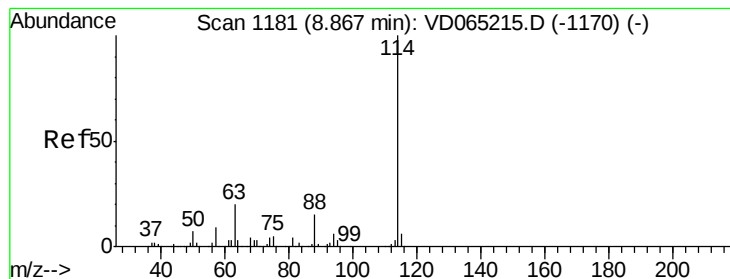
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065315.D

Acq: 25 Feb 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

S-1

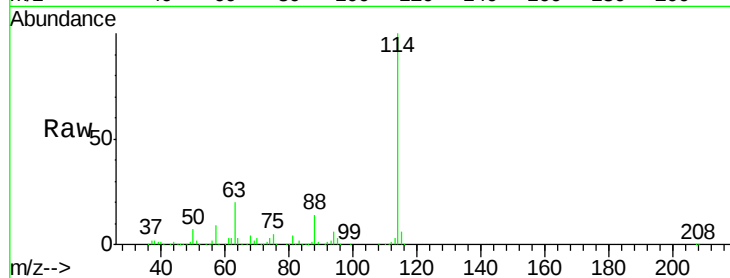
Tot Ion:114 Resp: 984906

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

88 14.1 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

600000

500000

400000

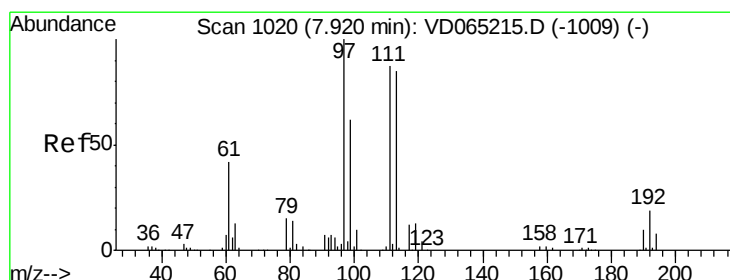
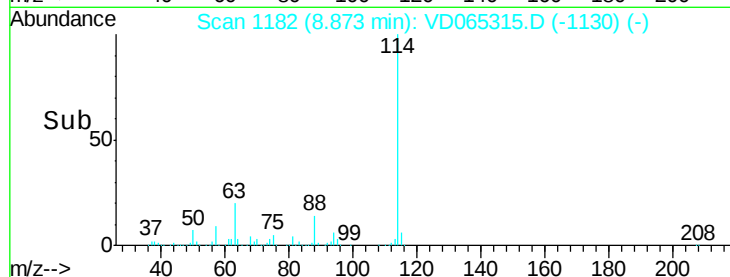
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 51.746 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065315.D

Acq: 25 Feb 2020 18:23

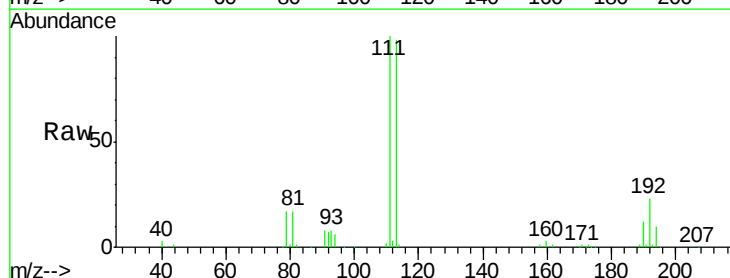
Tgt Ion:113 Resp: 310756

Ion Ratio Lower Upper

113 100

111 102.5 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

7.92

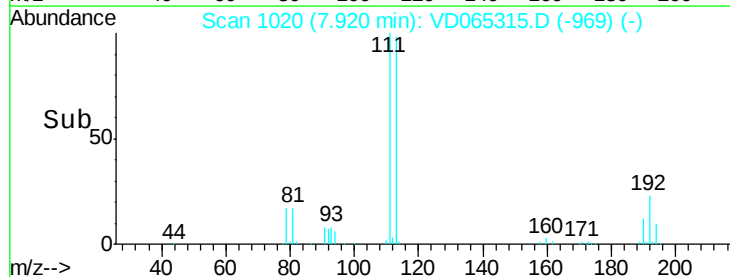
150000

100000

50000

0

Time-->





#50

Toluene-d8

Concen: 51.578 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065315.D

Acq: 25 Feb 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

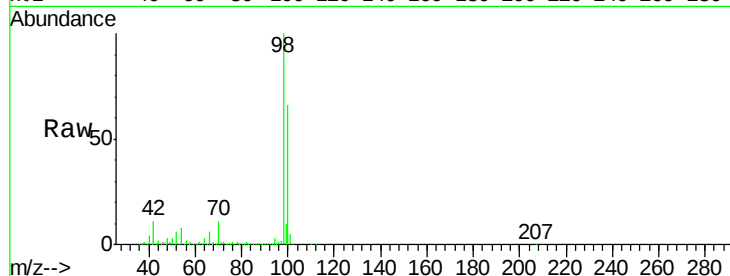
S-1

Tot Ion: 98 Resp: 1184138

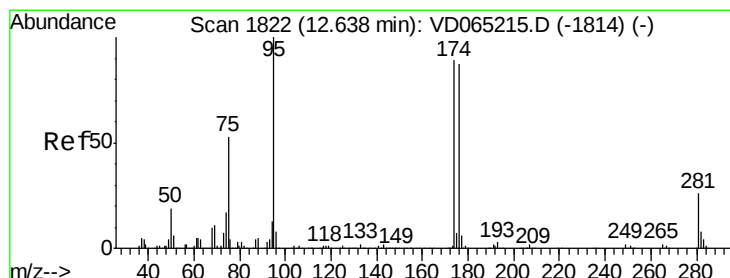
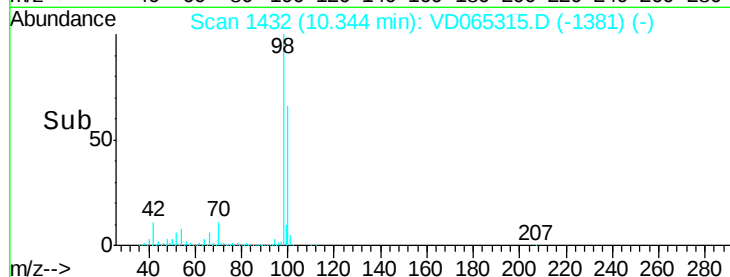
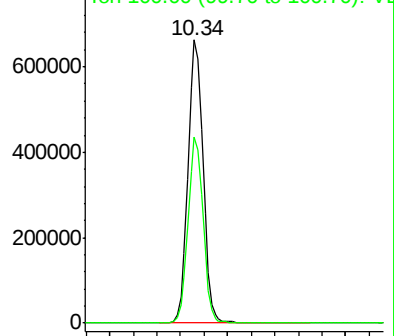
Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VD065215.D (-1422) (-)



#62

4-Bromofluorobenzene

Concen: 48.250 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065315.D

Acq: 25 Feb 2020 18:23

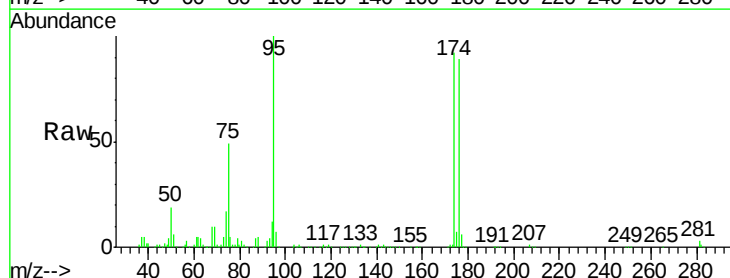
Tgt Ion: 95 Resp: 350914

Ion Ratio Lower Upper

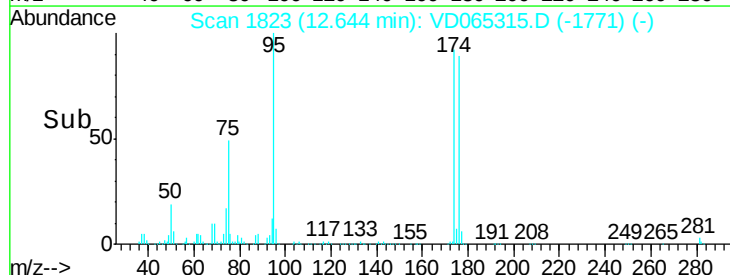
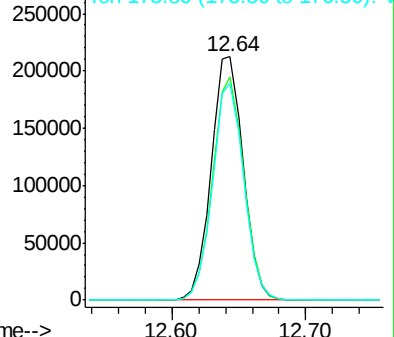
95 100

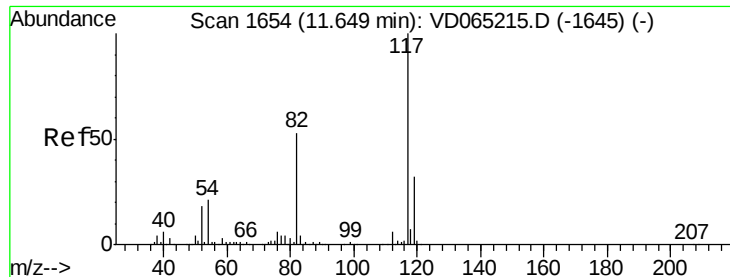
174 89.8 0.0 178.0

176 86.9 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): VD065215.D (-1814) (-)

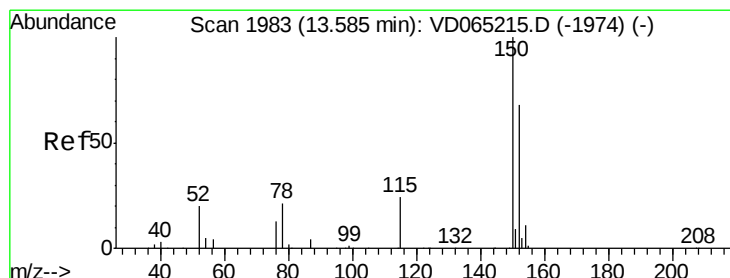
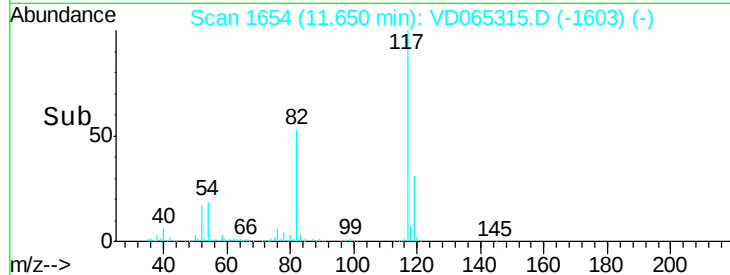
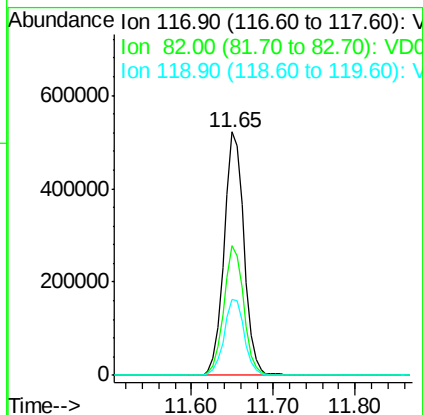
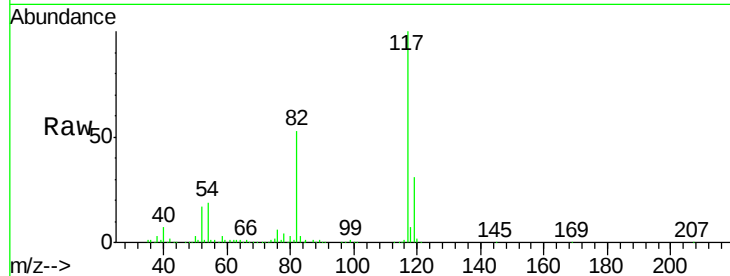




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065315.D
Acq: 25 Feb 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
S-1

Tot Ion:117 Resp: 881839
Ion Ratio Lower Upper
117 100
82 53.5 42.7 64.1
119 31.1 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: VD065315.D
Acq: 25 Feb 2020 18:23

Tgt Ion:152 Resp: 390938
Ion Ratio Lower Upper
152 100
115 56.7 27.6 82.8
150 157.3 0.0 347.4

