

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065319.D
 Acq On : 26 Feb 2020 10:54
 Operator : VA/SY
 Sample : VD0226SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0226SBL01

Quant Time: Feb 27 08:08:39 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	563215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	963779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	867335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	392126	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	284618	56.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.34%	
35) Dibromofluoromethane	7.92	113	308406	52.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.96%	
50) Toluene-d8	10.34	98	1156754	51.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.64	95	349572	49.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.24%	

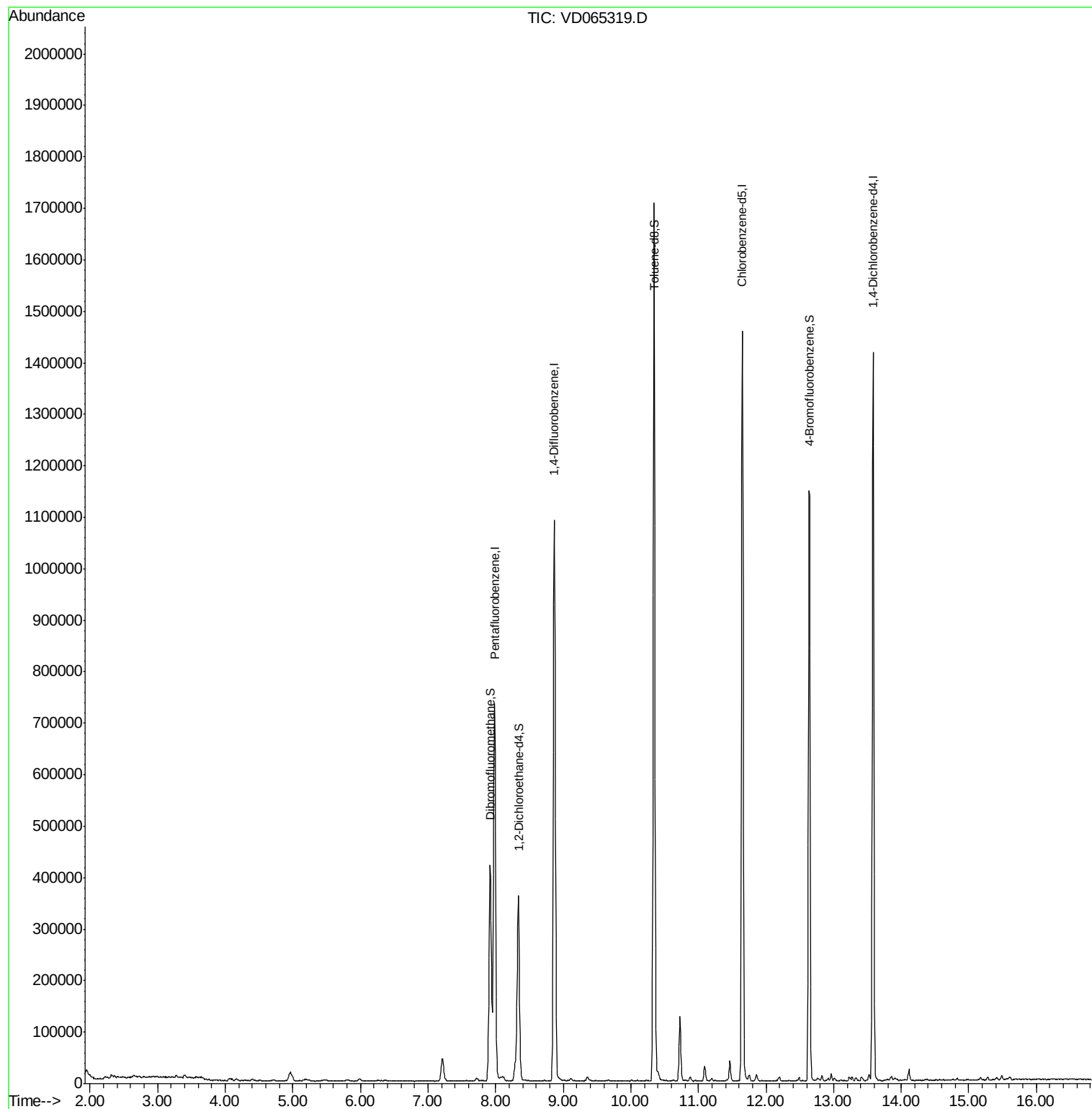
Target Compounds	Qvalue

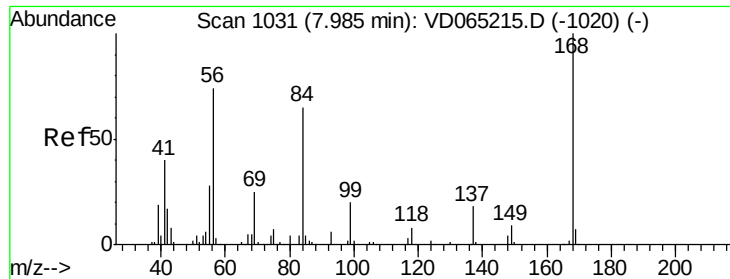
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

Instrument :

MSVOA_D

ClientSampleId :

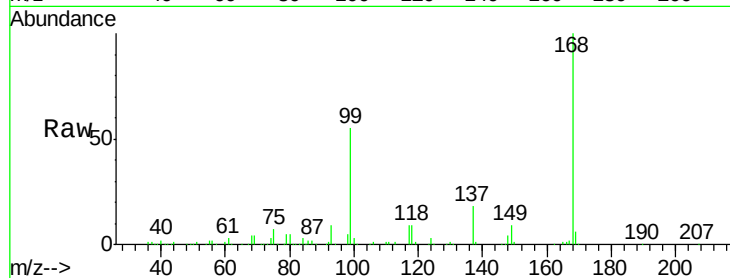
VD0226SBL01

Tot Ion:168 Resp: 563215

Ion Ratio Lower Upper

168 100

99 54.5 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

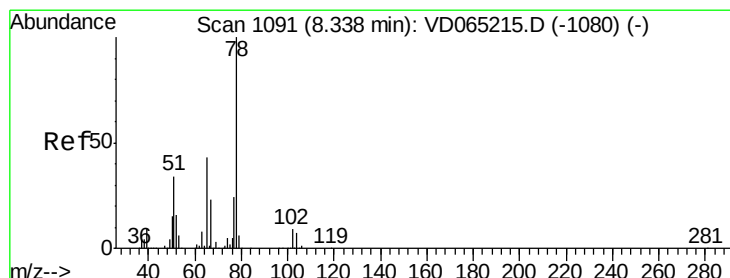
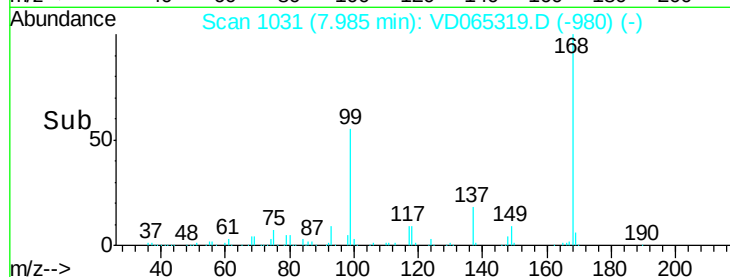
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.174 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065319.D

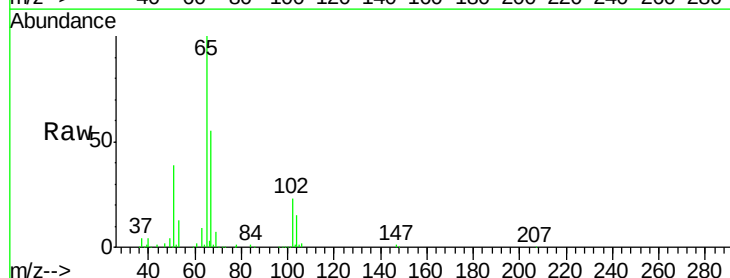
Acq: 26 Feb 2020 10:54

Tgt Ion: 65 Resp: 284618

Ion Ratio Lower Upper

65 100

67 53.0 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

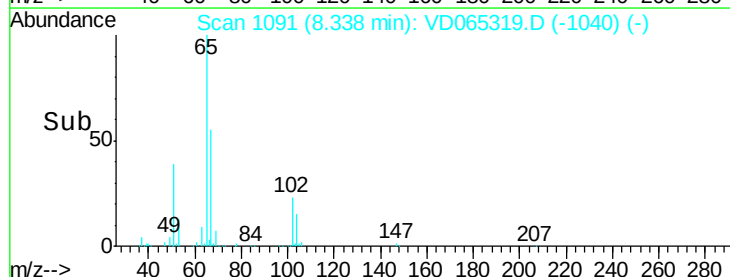
150000

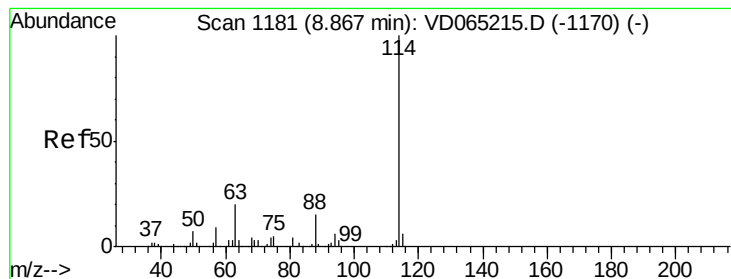
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

Instrument :

MSVOA_D

ClientSampleId :

VD0226SBL01

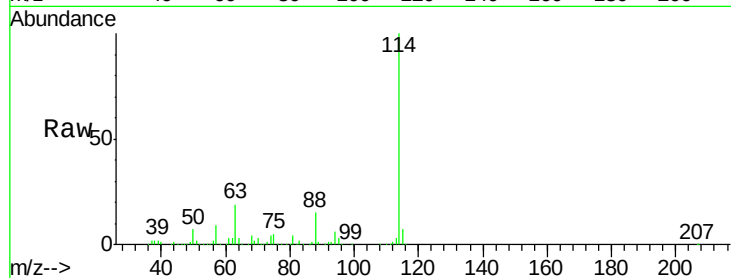
Tot Ion:114 Resp: 963779

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

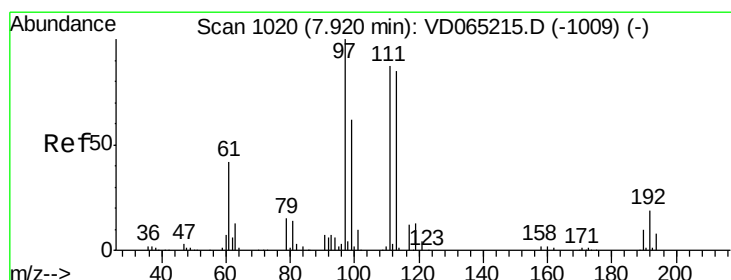
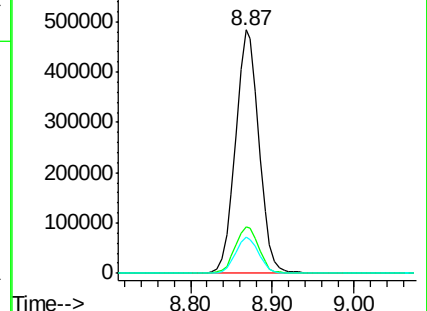
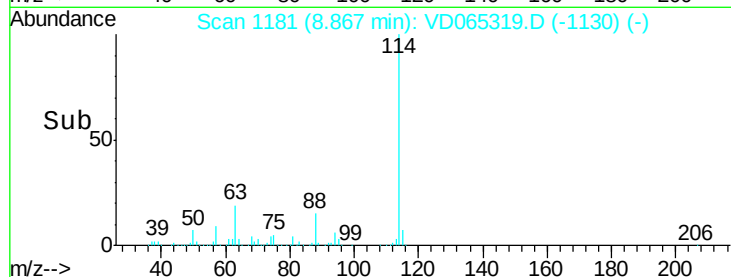
88 15.0 0.0 30.4



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: 52.481 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

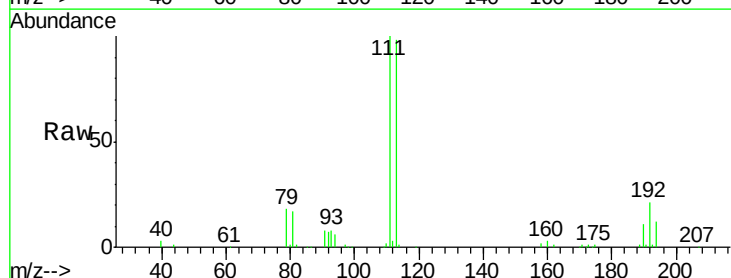
Tgt Ion:113 Resp: 308406

Ion Ratio Lower Upper

113 100

111 100.7 82.9 124.3

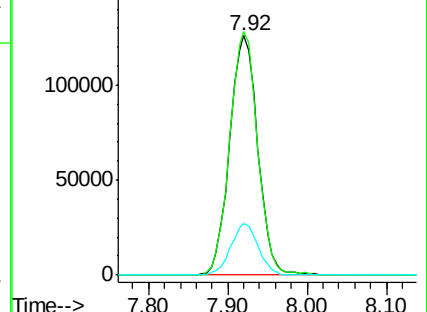
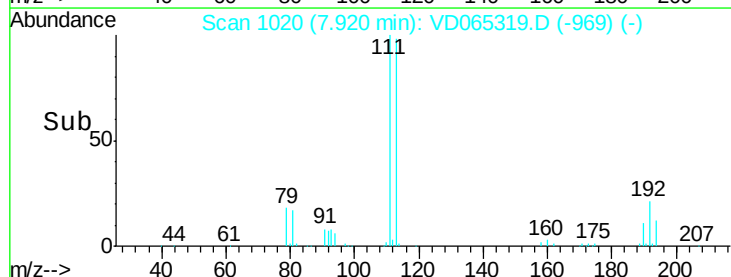
192 21.1 17.3 25.9

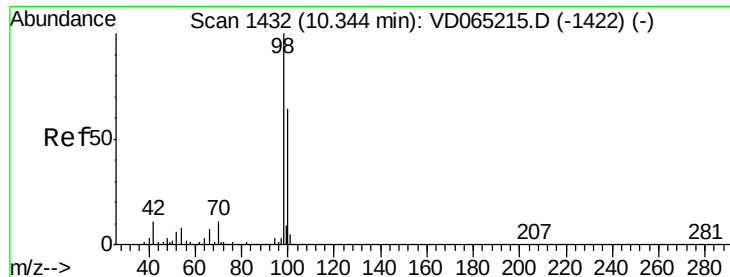


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.490 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

Instrument :

MSVOA_D

ClientSampleId :

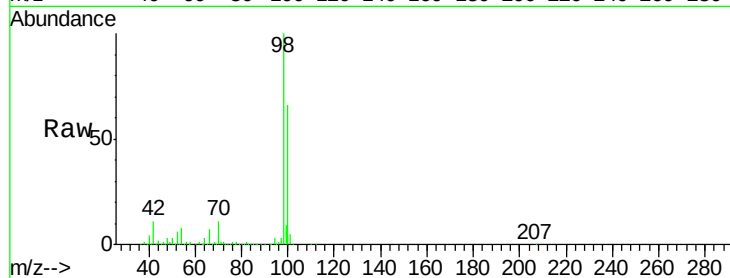
VD0226SBL01

Tot Ion: 98 Resp: 1156754

Ion Ratio Lower Upper

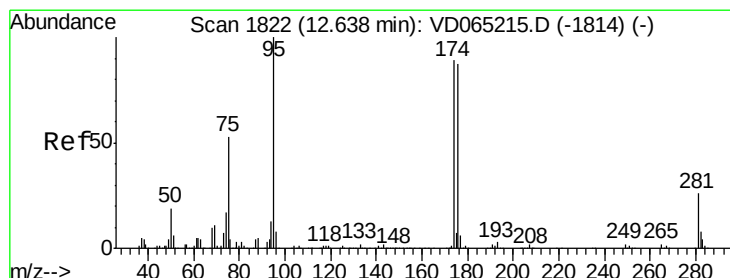
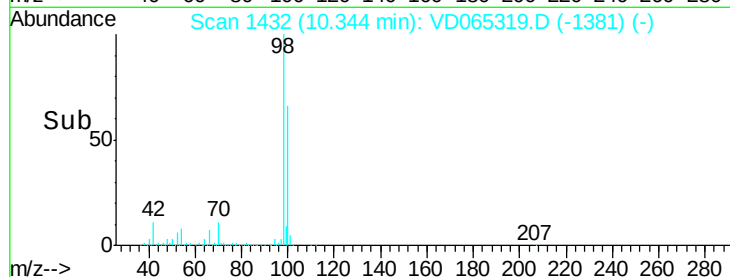
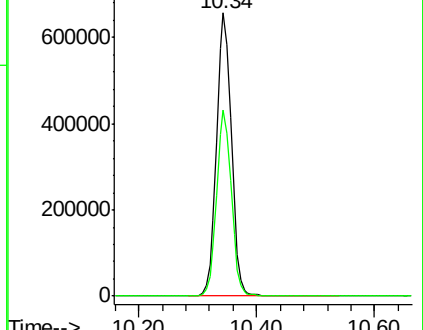
98 100

100 64.9 52.0 78.0



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

Ion 100.00 (99.70 to 100.70): VD065215.D (-1422) (-)



#62

4-Bromofluorobenzene

Concen: 49.119 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065319.D

Acq: 26 Feb 2020 10:54

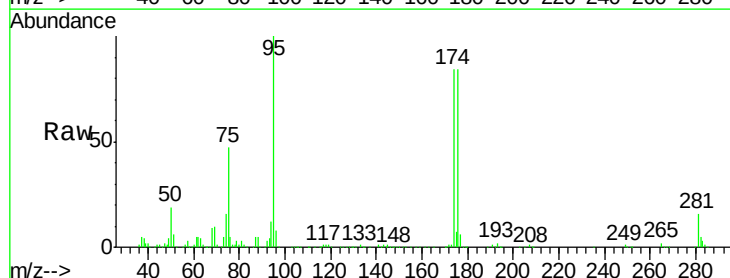
Tgt Ion: 95 Resp: 349572

Ion Ratio Lower Upper

95 100

174 88.9 0.0 178.0

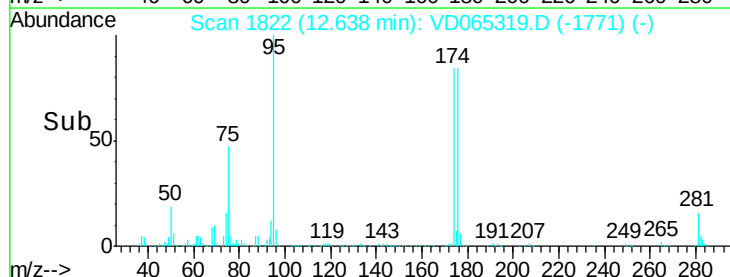
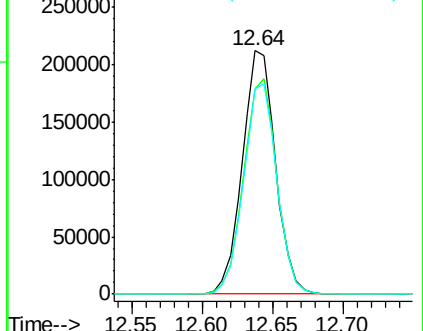
176 86.7 0.0 174.4

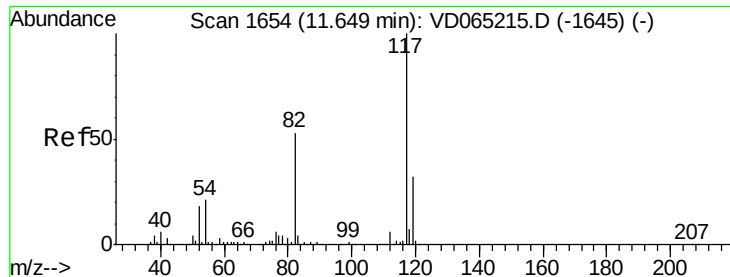


Abundance Ion 94.90 (94.60 to 95.60): VD065215.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065215.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065215.D (-1814) (-)

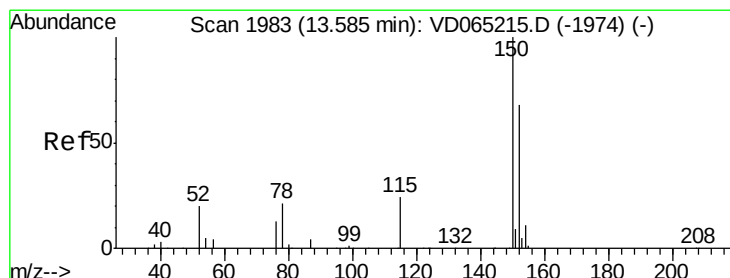
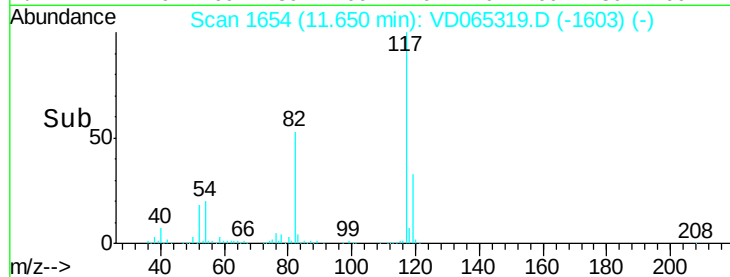
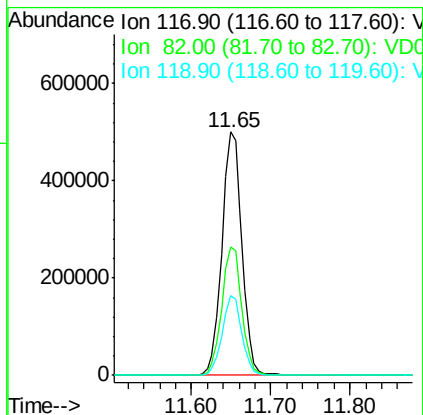
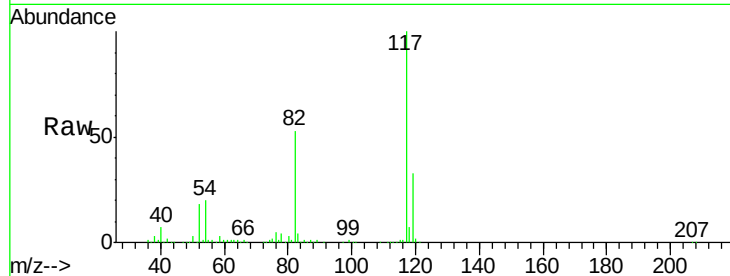




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065319.D
Acq: 26 Feb 2020 10:54

Instrument :
MSVOA_D
ClientSampleId :
VD0226SBL01

Tot Ion:117 Resp: 867335
Ion Ratio Lower Upper
117 100
82 52.7 42.7 64.1
119 32.7 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: VD065319.D
Acq: 26 Feb 2020 10:54

Tgt Ion:152 Resp: 392126
Ion Ratio Lower Upper
152 100
115 55.4 27.6 82.8
150 157.1 0.0 347.4

