

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065268.D
 Acq On : 21 Feb 2020 11:37
 Operator : VA/SY
 Sample : VD0221SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBL01

Quant Time: Feb 22 02:30:32 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	618570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1004416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	892634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	391183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	294939	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
35) Dibromofluoromethane	7.92	113	312083	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.34	98	1201227	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.64	95	352252	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

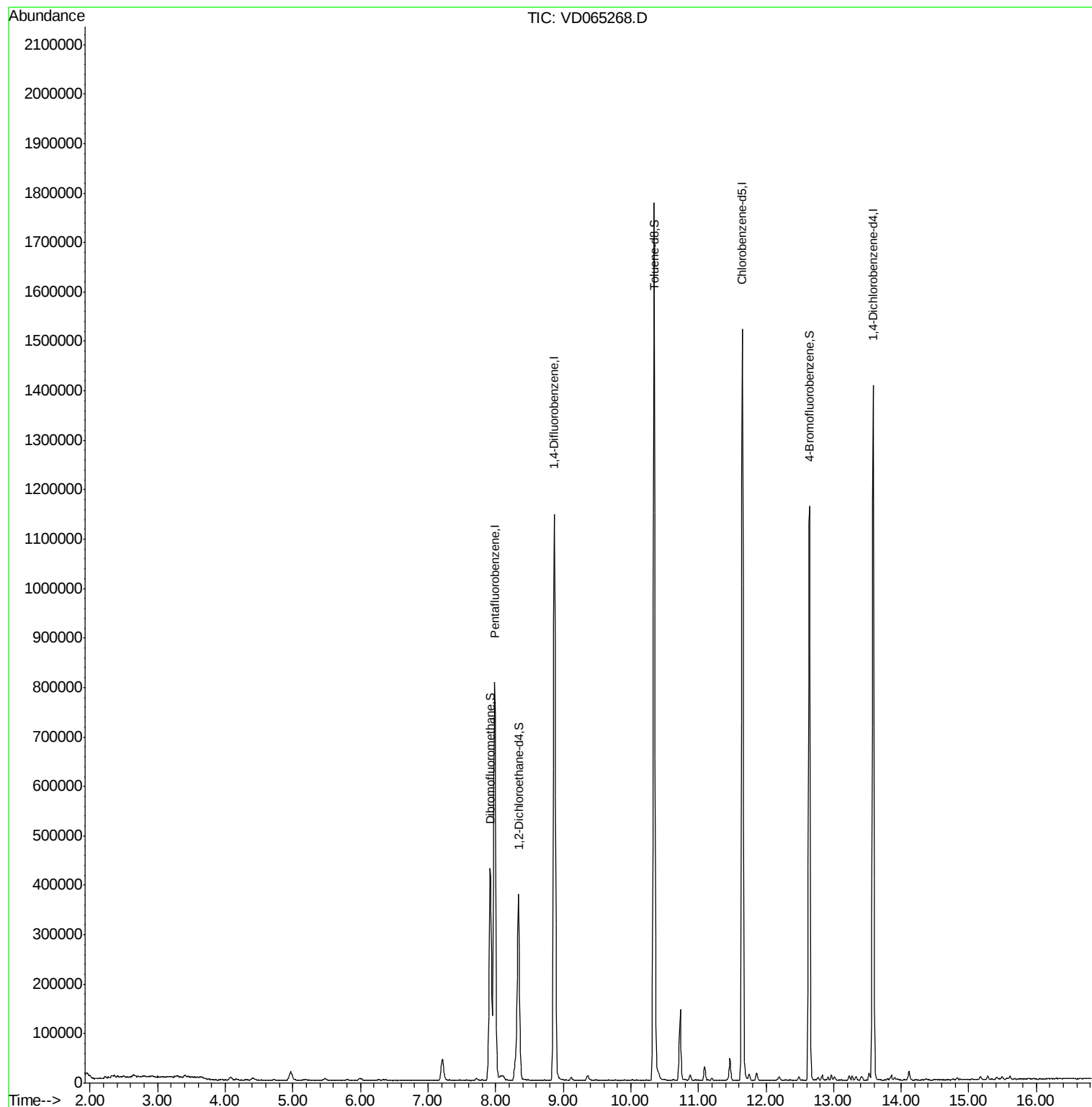
Target Compounds	Qvalue

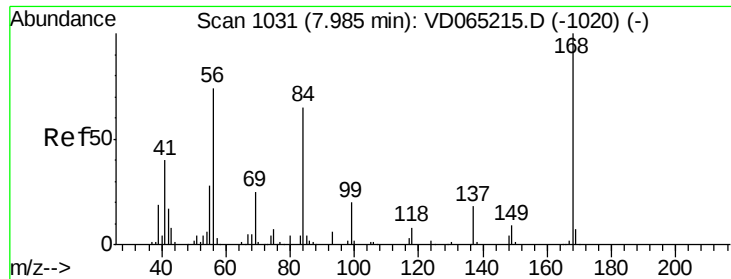
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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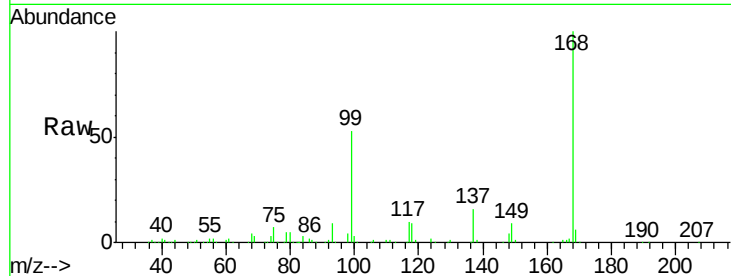




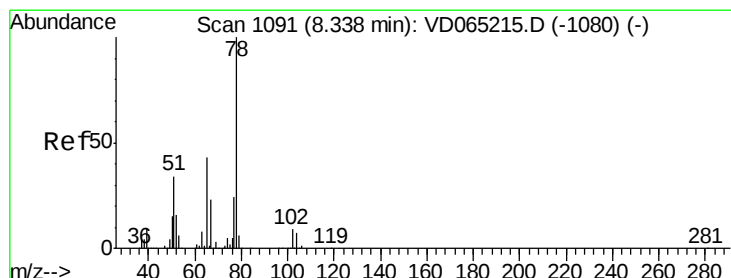
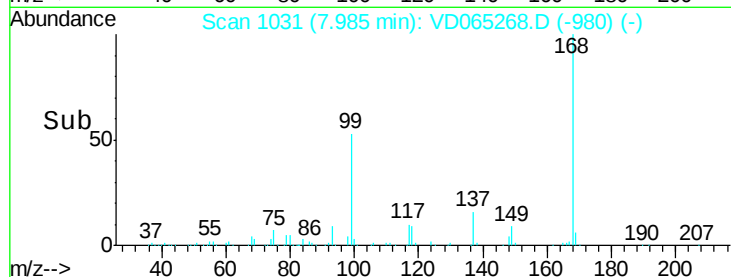
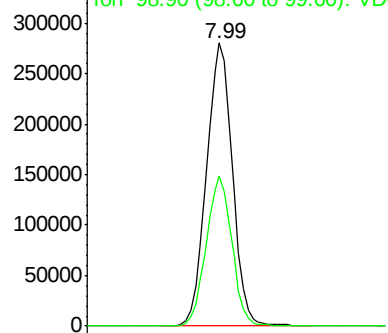
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

Tot Ion:168 Resp: 618570
Ion Ratio Lower Upper
168 100
99 52.8 41.4 62.2

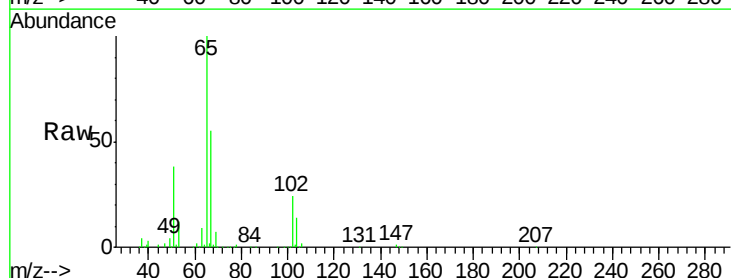


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

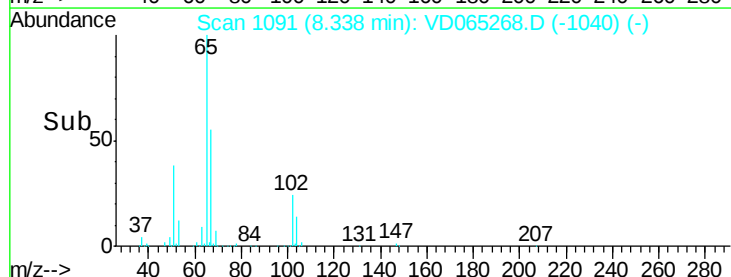
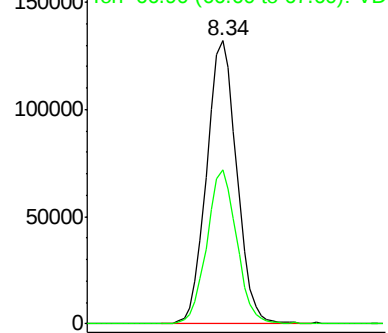


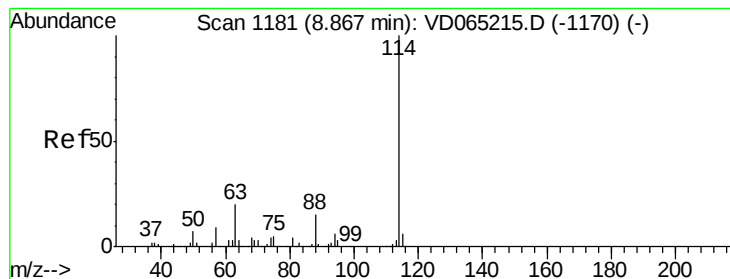
#33
1,2-Dichloroethane-d4
Concen: 53.002 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

Tgt Ion: 65 Resp: 294939
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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065268.D

Acq: 21 Feb 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBL01

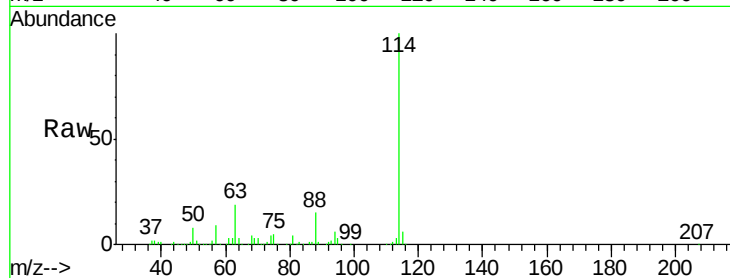
Tot Ion:114 Resp: 1004416

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

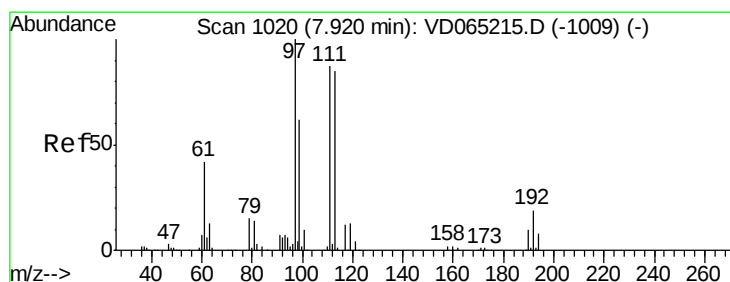
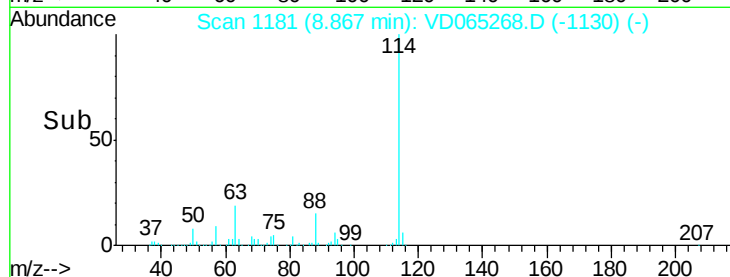
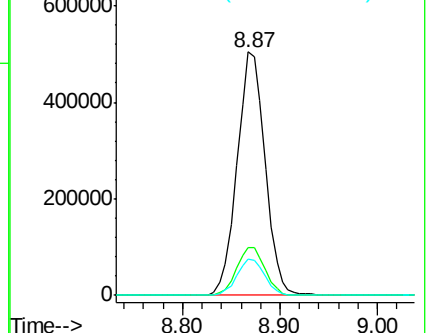
88 15.0 0.0 30.4



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: 50.958 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065268.D

Acq: 21 Feb 2020 11:37

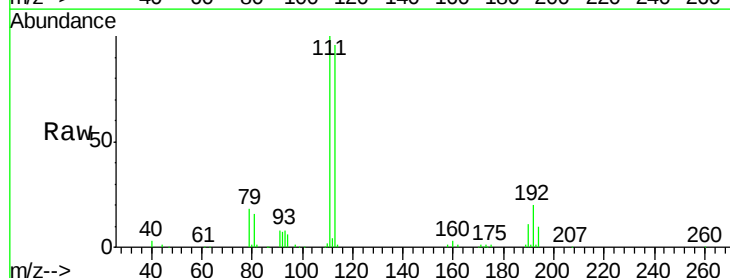
Tgt Ion:113 Resp: 312083

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

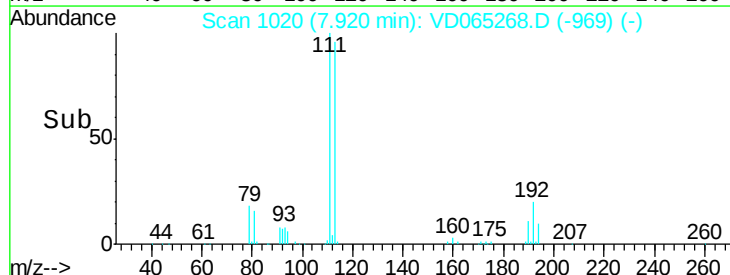
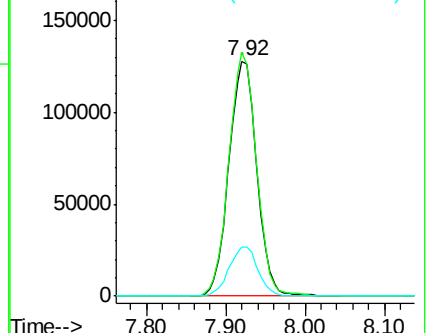
192 21.6 17.3 25.9



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: 51.307 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065268.D

Acq: 21 Feb 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

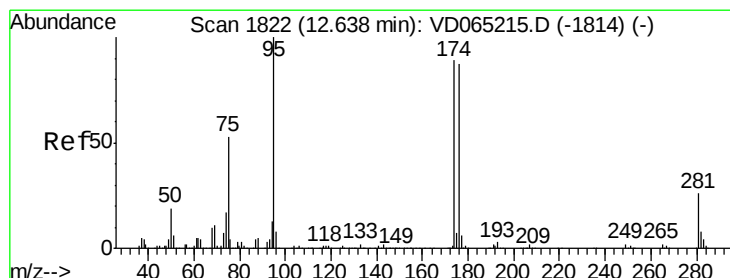
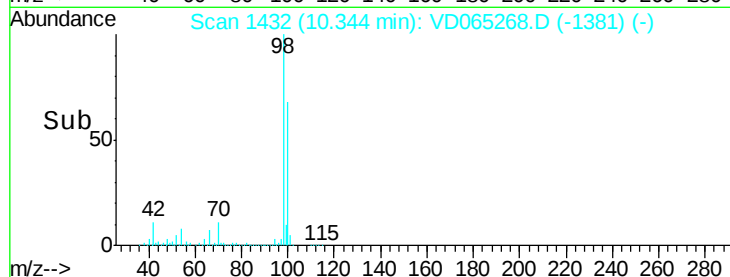
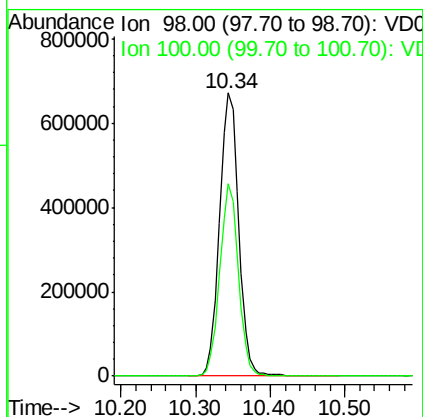
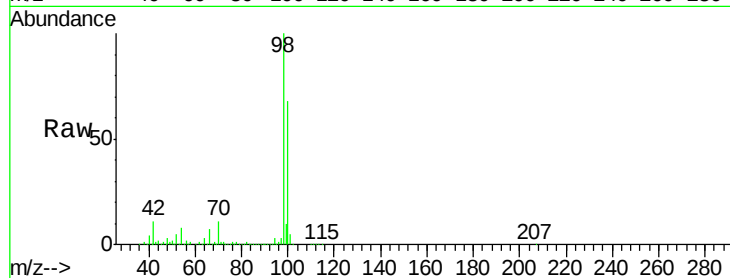
VD0221SBL01

Tot Ion: 98 Resp: 1201227

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.493 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065268.D

Acq: 21 Feb 2020 11:37

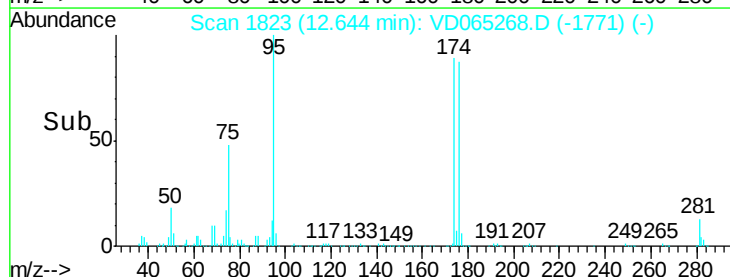
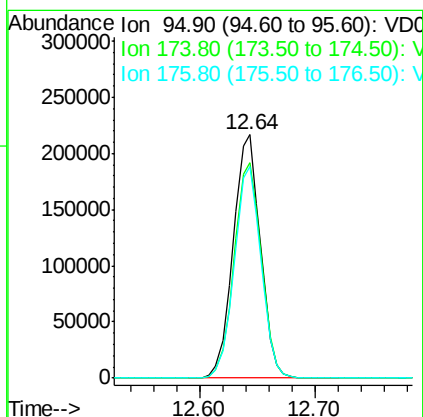
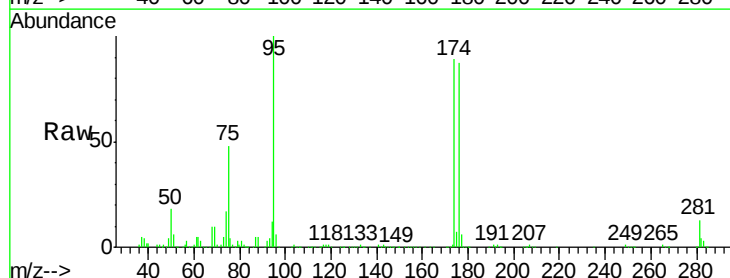
Tgt Ion: 95 Resp: 352252

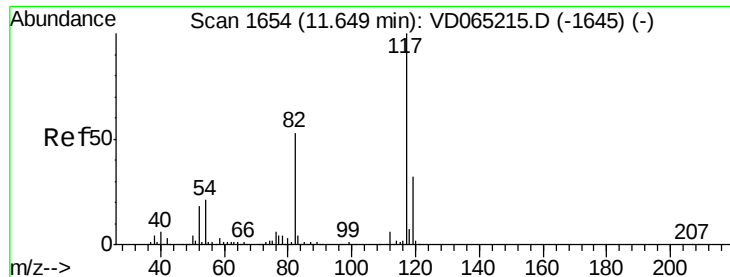
Ion Ratio Lower Upper

95 100

174 89.0 0.0 178.0

176 85.5 0.0 174.4

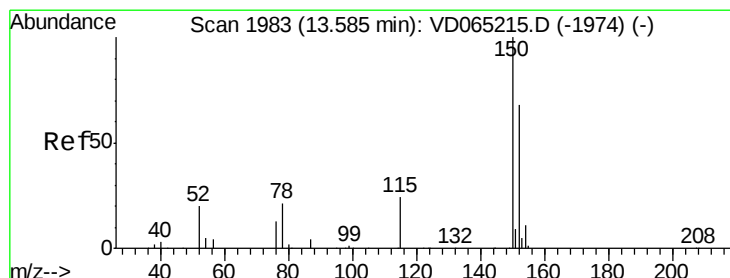
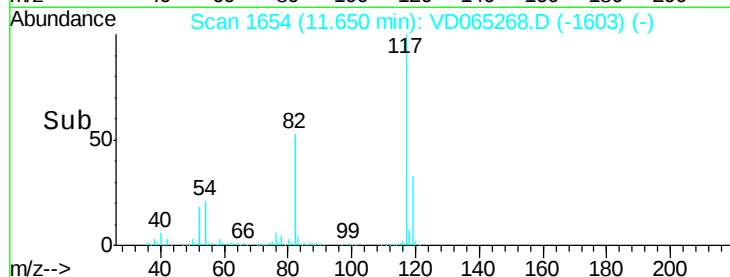
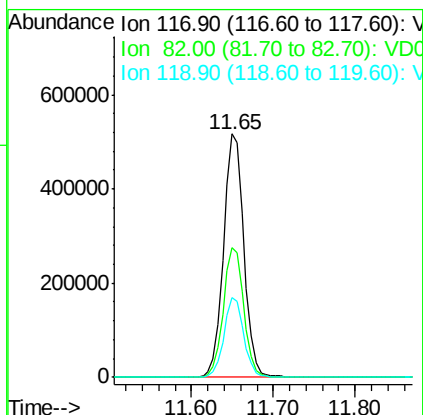
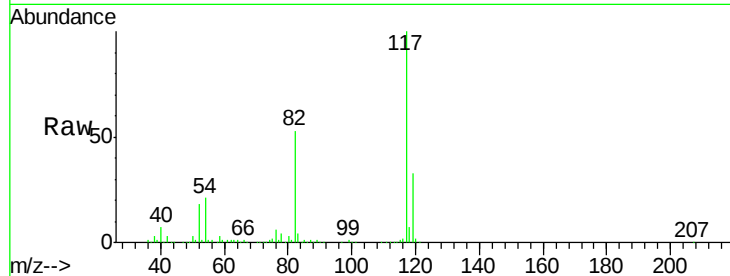




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065268.D
Acq: 21 Feb 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

Tot Ion:117 Resp: 892634
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 32.6 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: VD065268.D
Acq: 21 Feb 2020 11:37

Tgt Ion:152 Resp: 391183
Ion Ratio Lower Upper
152 100
115 55.4 27.6 82.8
150 157.2 0.0 347.4

