

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065559.D
 Acq On : 31 Mar 2020 11:49
 Operator : VA/SY
 Sample : VD0331SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0331SBL01

Quant Time: Apr 01 06:51:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	464591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	734856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	666602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292886	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	209754	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	7.92	113	224305	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.34	98	813371	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.64	95	231220	42.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.56%	

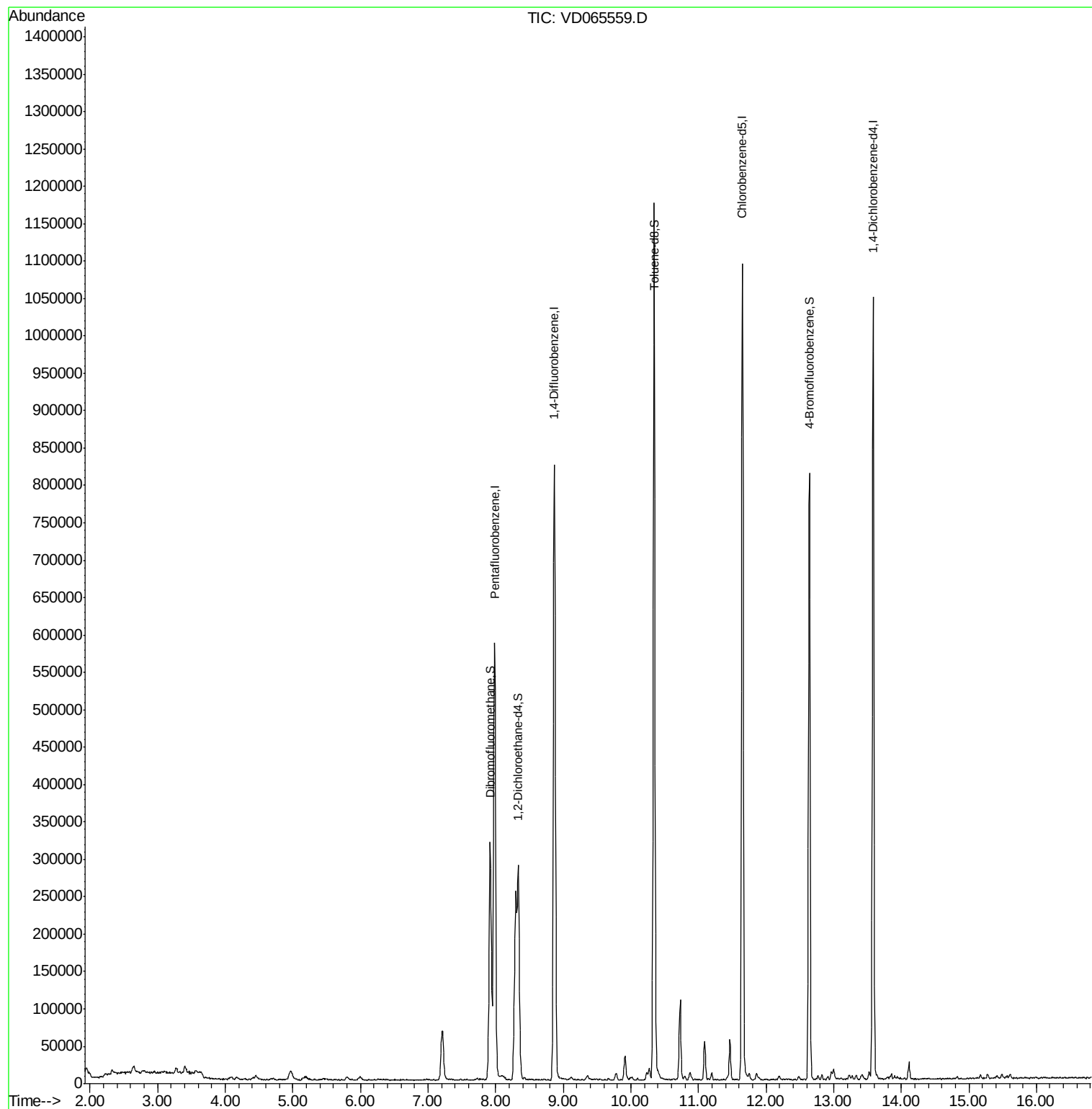
Target Compounds	Qvalue

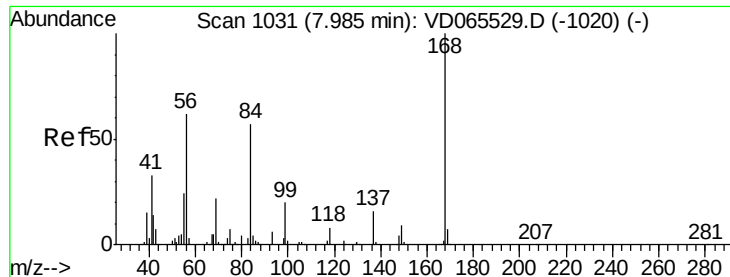
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065559.D

Acq: 31 Mar 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

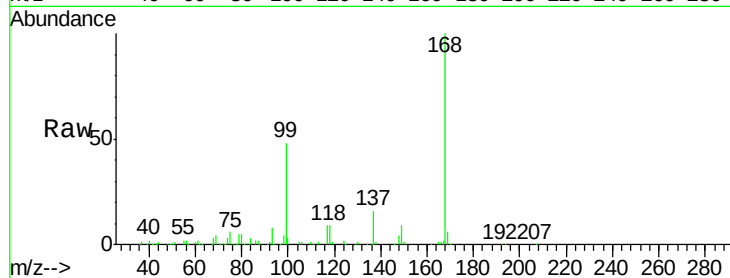
VD0331SBL01

Tot Ion:168 Resp: 464591

Ion Ratio Lower Upper

168 100

99 48.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

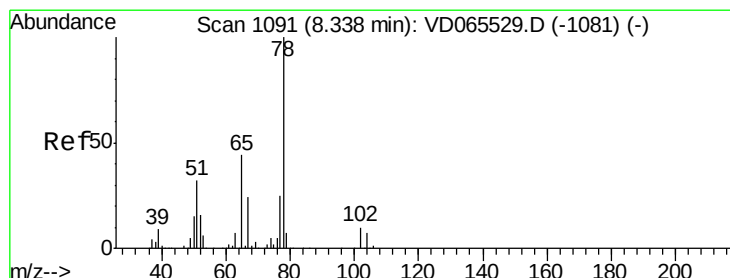
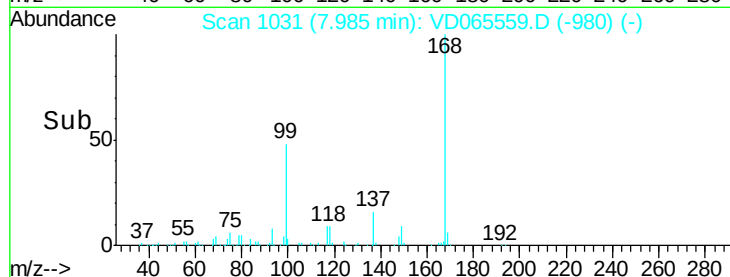
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.237 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065559.D

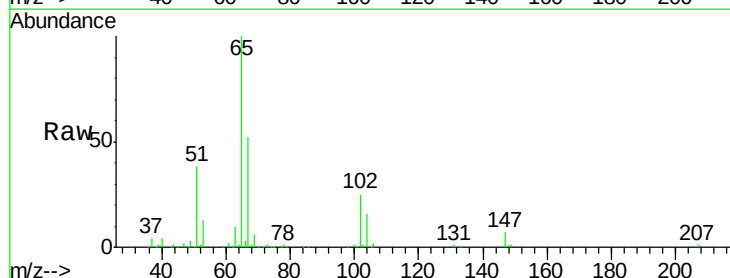
Acq: 31 Mar 2020 11:49

Tgt Ion: 65 Resp: 209754

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

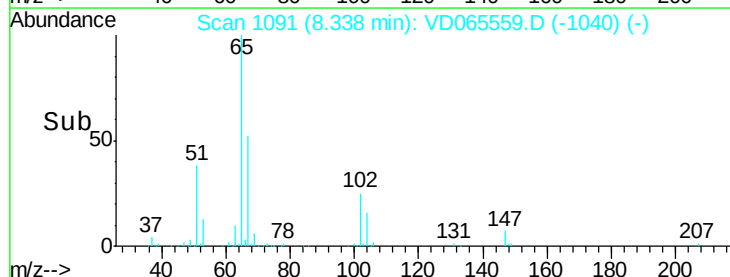
60000

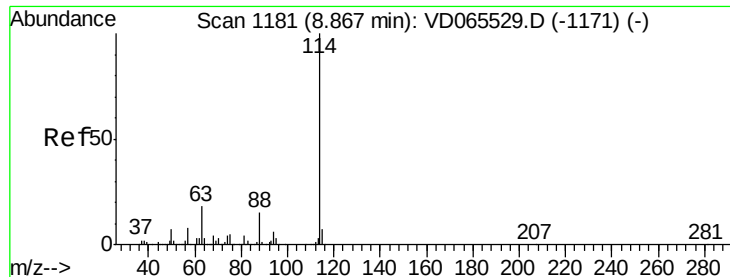
40000

20000

0

Time-->

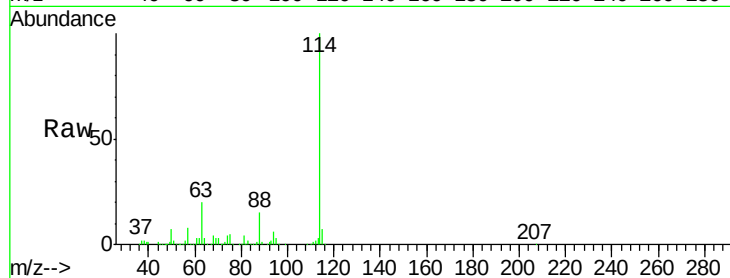




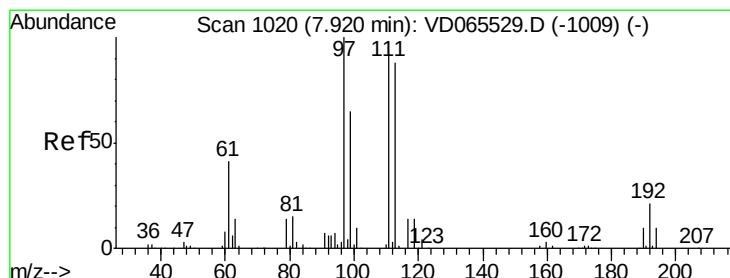
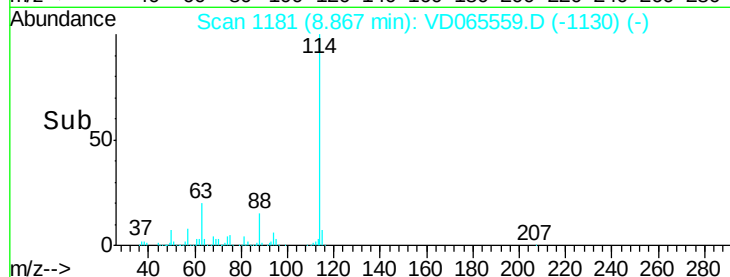
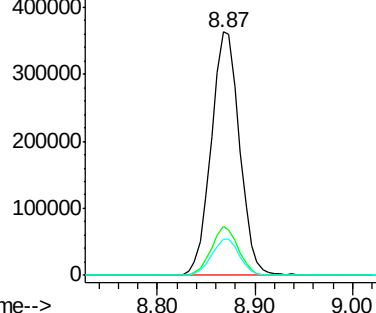
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065559.D
 Acq: 31 Mar 2020 11:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0331SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	37.0
88	14.7	0.0	30.4

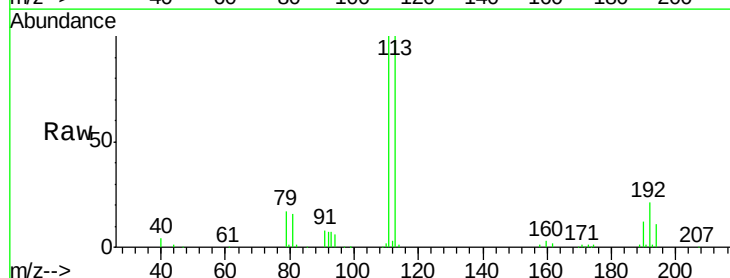


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

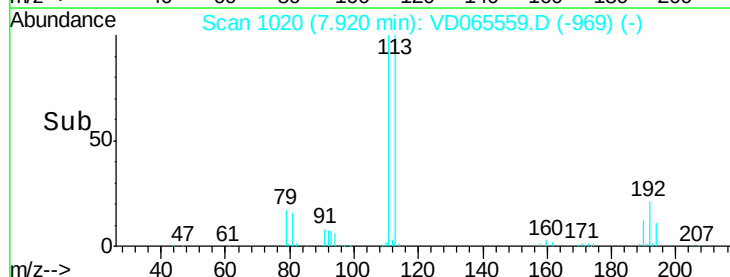
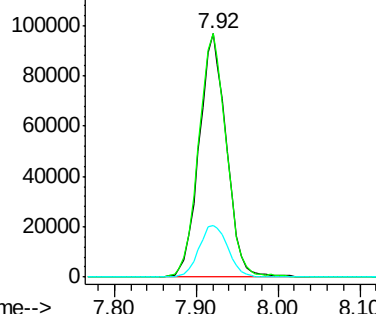


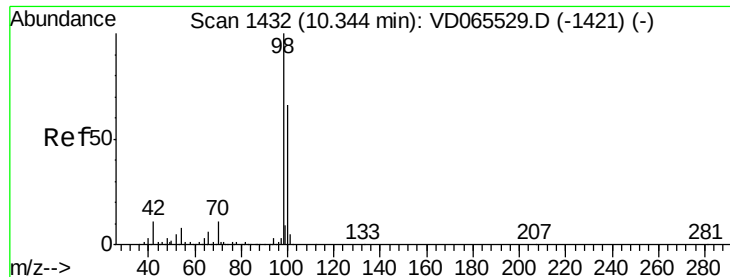
#35
 Dibromofluoromethane
 Concen: 49.451 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065559.D
 Acq: 31 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.3	124.9
192	22.6	18.5	27.7



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: 47.764 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065559.D

Acq: 31 Mar 2020 11:49

Instrument :

MSVOA_D

ClientSampleId :

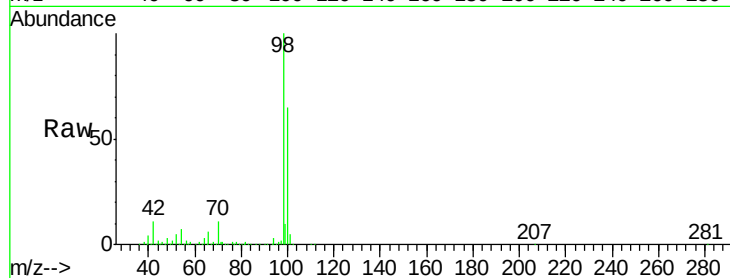
VD0331SBL01

Tot Ion: 98 Resp: 813371

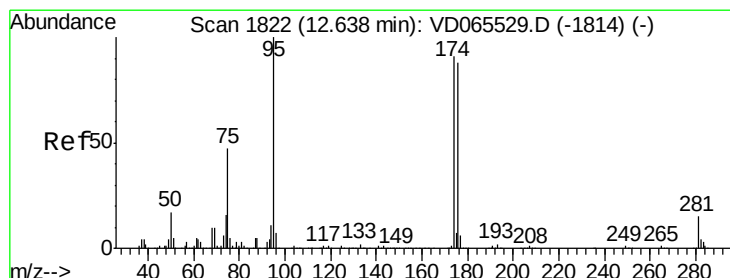
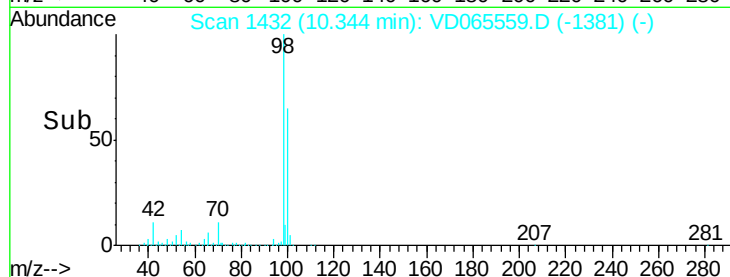
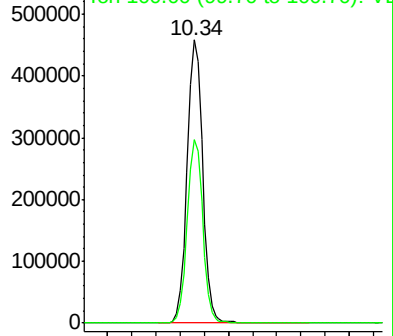
Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VD065529.D (-1421) (-)



#62

4-Bromofluorobenzene

Concen: 42.780 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065559.D

Acq: 31 Mar 2020 11:49

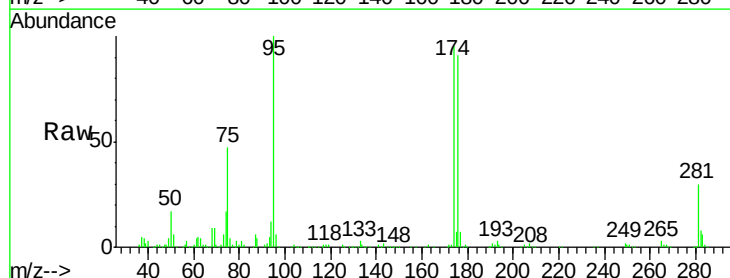
Tgt Ion: 95 Resp: 231220

Ion Ratio Lower Upper

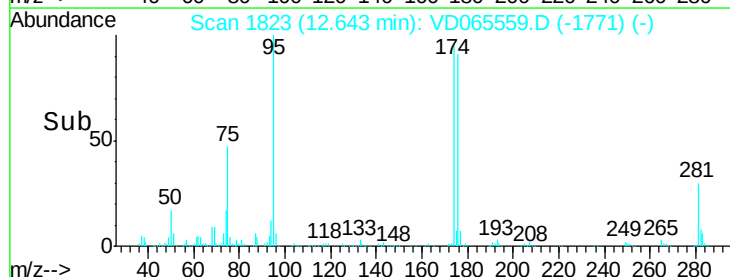
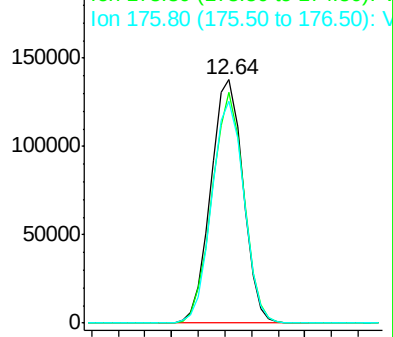
95 100

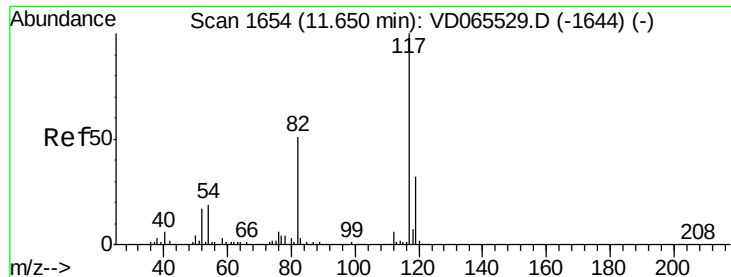
174 92.9 0.0 183.8

176 90.6 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): VD065529.D (-1814) (-)

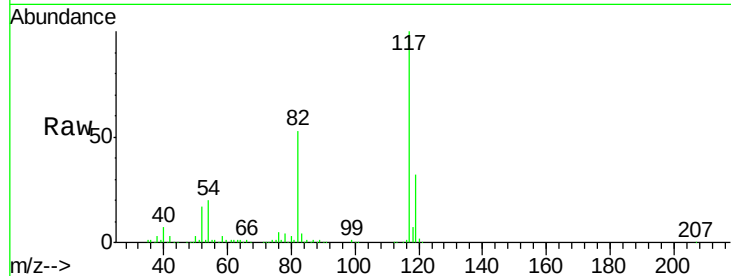




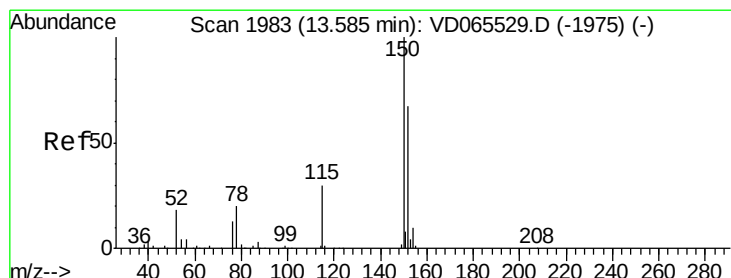
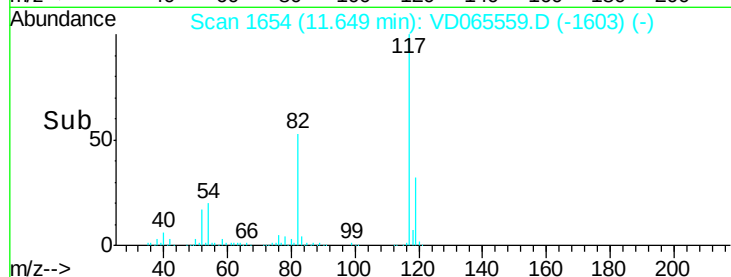
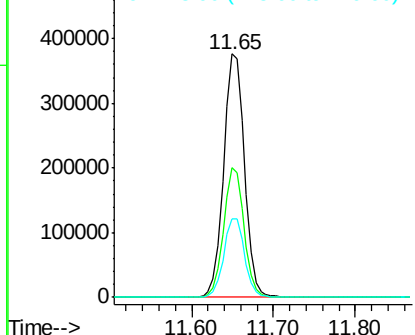
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065559.D
Acq: 31 Mar 2020 11:49

Instrument :
MSVOA_D
ClientSampleId :
VD0331SBL01

Tot Ion:117 Resp: 666602
Ion Ratio Lower Upper
117 100
82 53.5 41.0 61.6
119 32.2 25.5 38.3

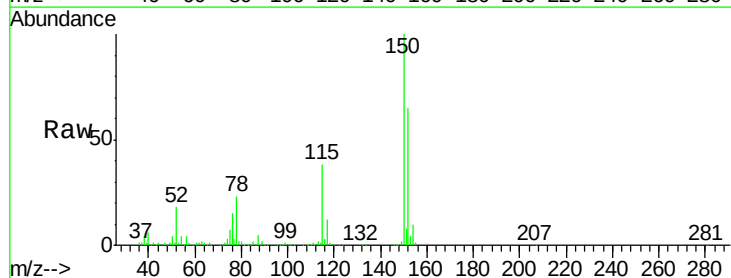


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065559.D
Acq: 31 Mar 2020 11:49

Tgt Ion:152 Resp: 292886
Ion Ratio Lower Upper
152 100
115 56.2 27.2 81.6
150 157.1 0.0 340.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

