

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021120\
 Data File : VD065146.D
 Acq On : 11 Feb 2020 16:08
 Operator : VA/SY
 Sample : L1491-01
 Misc : 8.31G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2G-(8.5-10.5)

Quant Time: Feb 12 07:20:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	492433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	801172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	815986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	396840	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	210645	50.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.66%	
35) Dibromofluoromethane	7.91	113	236311	52.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.74%	
50) Toluene-d8	10.34	98	971364	54.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.64	95	345886	61.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.70%	

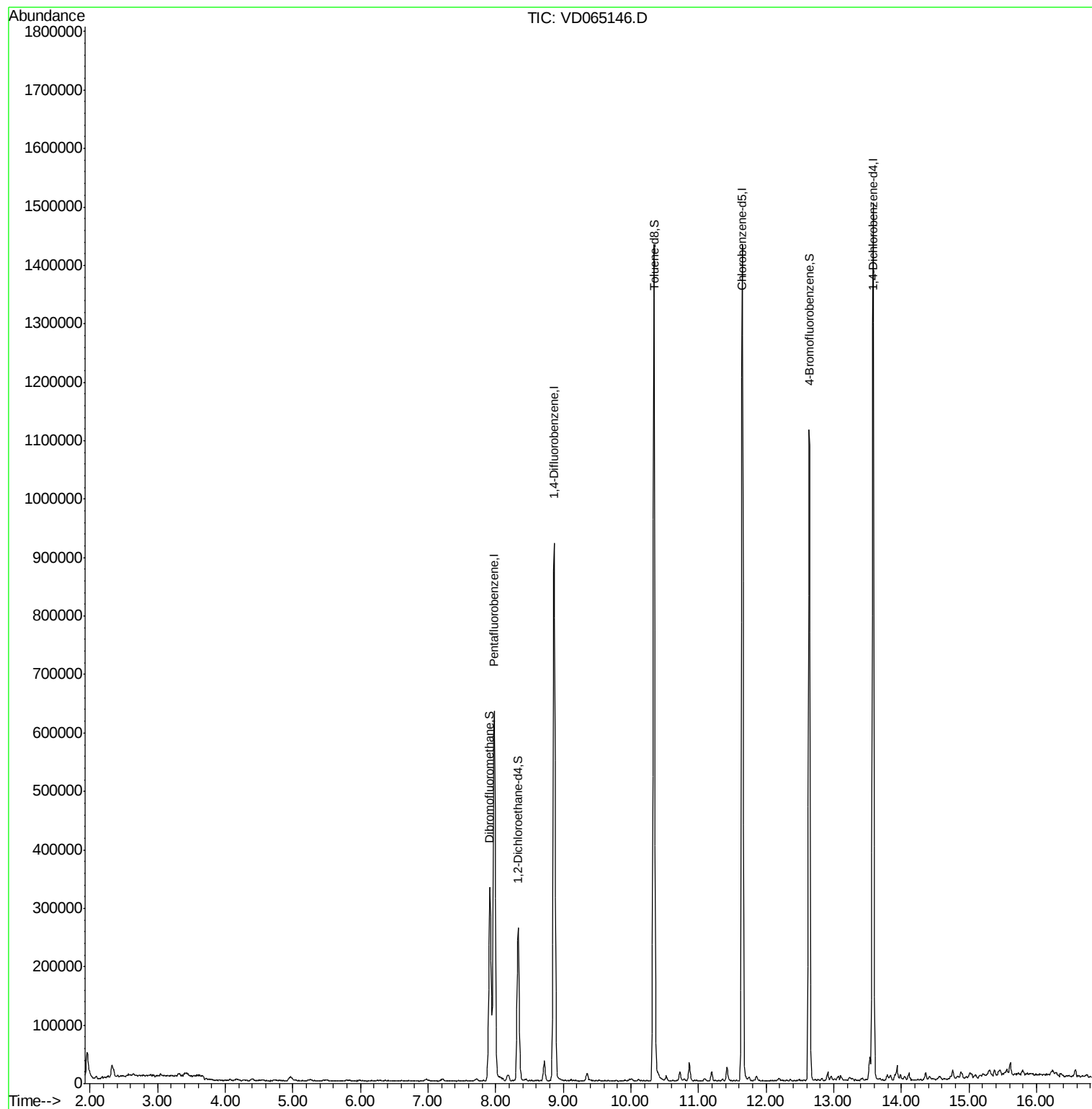
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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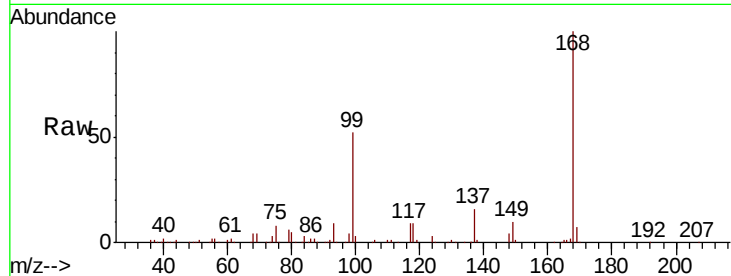




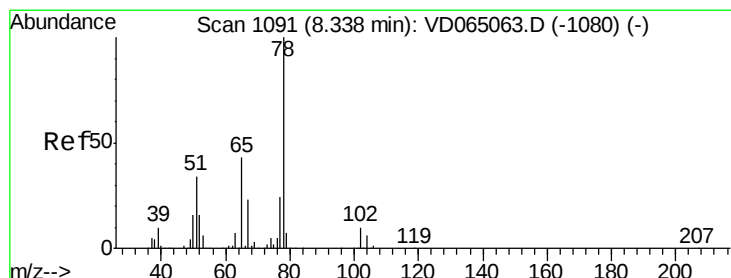
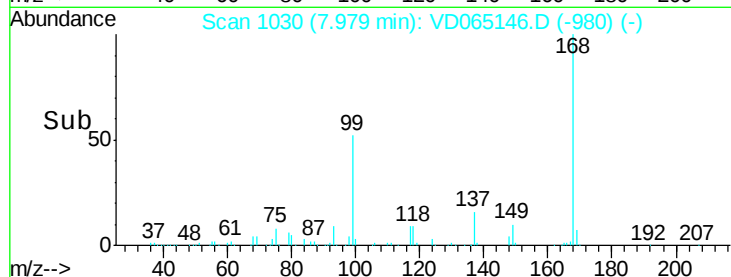
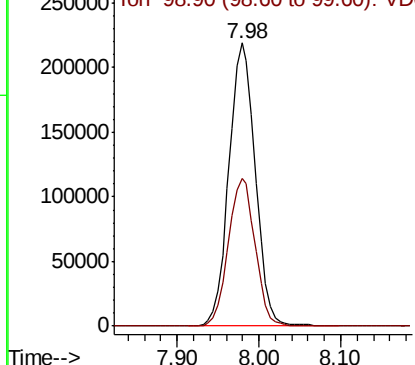
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065146.D
Acq: 11 Feb 2020 16:08

Instrument :
MSVOA_D
ClientSampleId :
SB-2G-(8.5-10.5)

Tot Ion:168 Resp: 492433
Ion Ratio Lower Upper
168 100
99 51.9 41.0 61.6

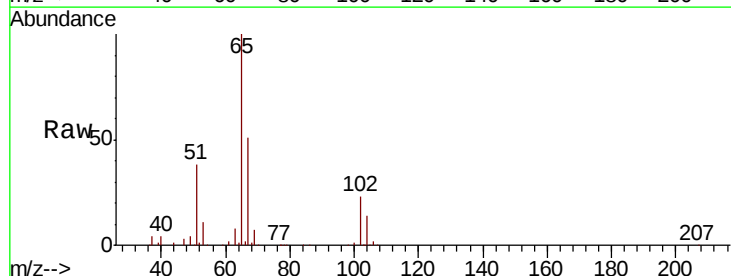


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

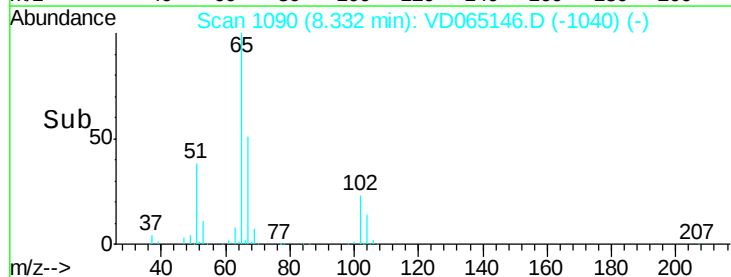
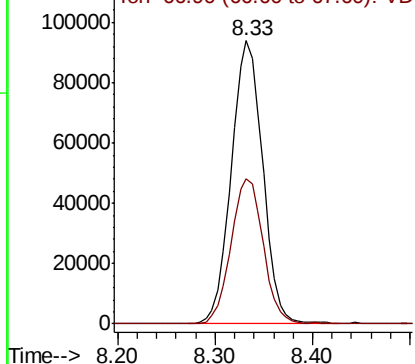


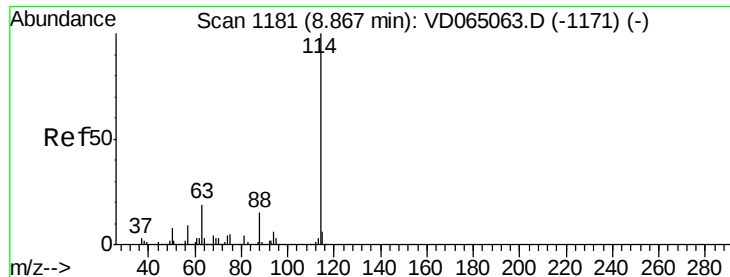
#33
1,2-Dichloroethane-d4
Concen: 50.330 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065146.D
Acq: 11 Feb 2020 16:08

Tgt Ion: 65 Resp: 210645
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

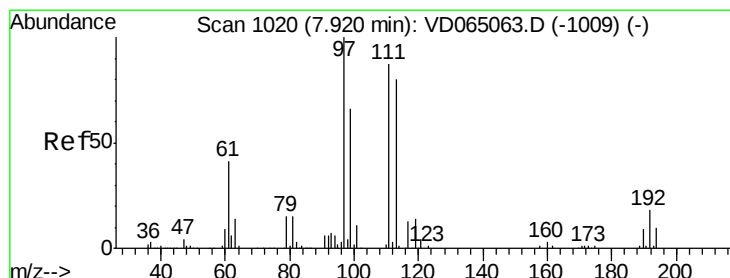
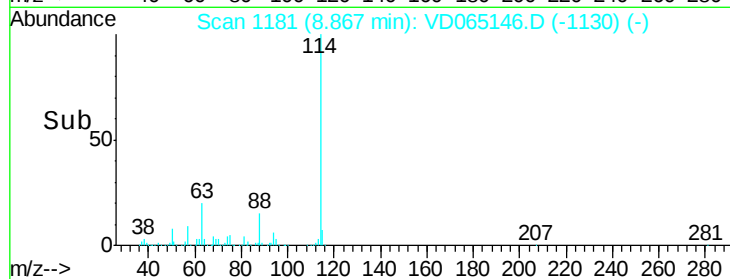
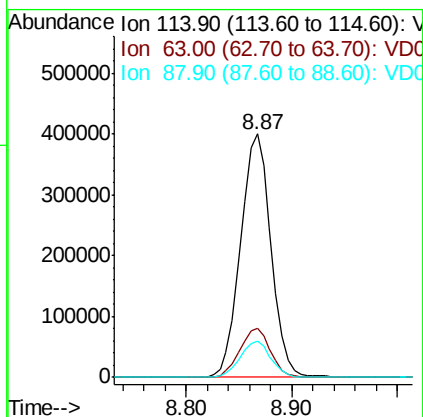
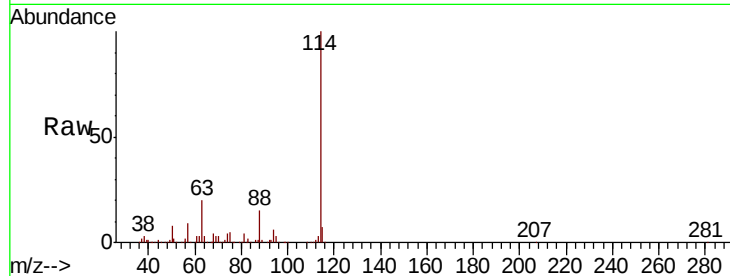




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065146.D
 Acq: 11 Feb 2020 16:08

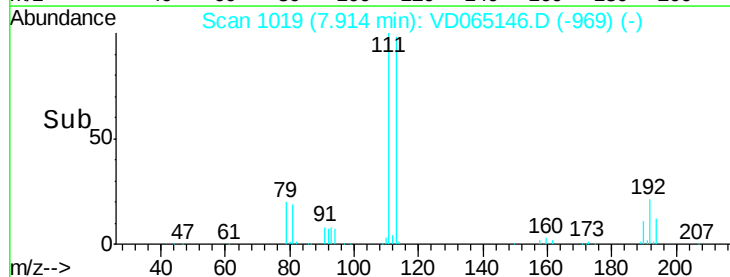
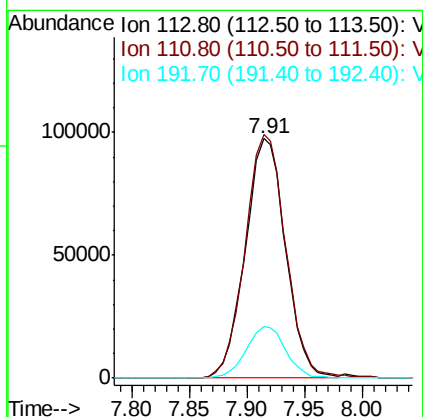
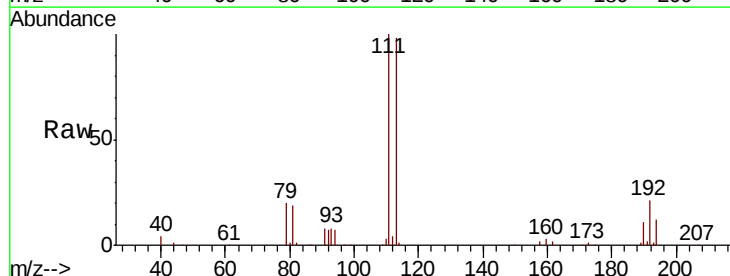
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2G-(8.5-10.5)

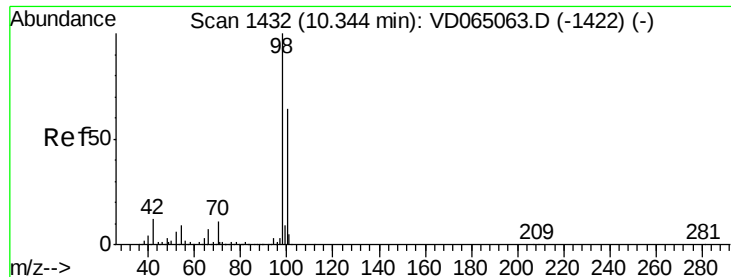
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.8
88	14.9	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 52.865 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065146.D
 Acq: 11 Feb 2020 16:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	21.3	18.1	27.1





#50

Toluene-d8

Concen: 54.595 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065146.D

Acq: 11 Feb 2020 16:08

Instrument :

MSVOA_D

ClientSampleId :

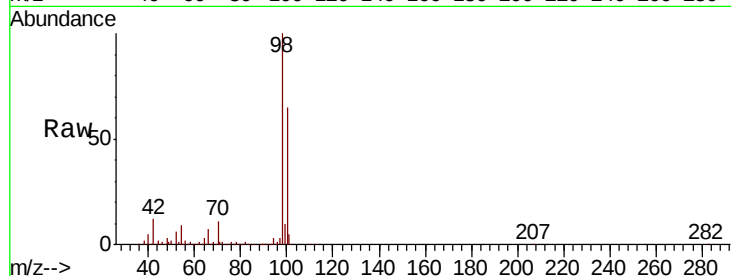
SB-2G-(8.5-10.5)

Tot Ion: 98 Resp: 971364

Ion Ratio Lower Upper

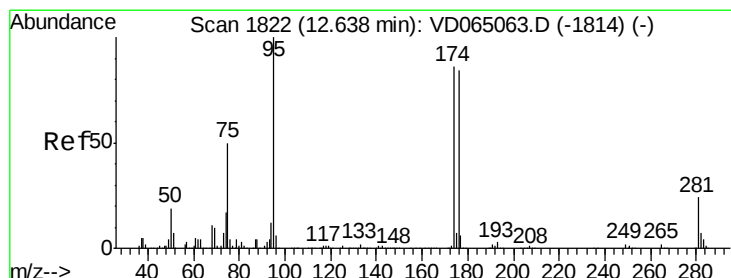
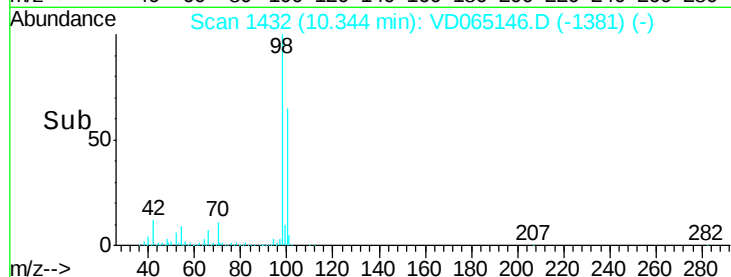
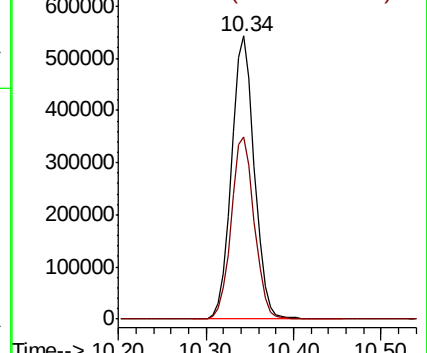
98 100

100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 61.353 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065146.D

Acq: 11 Feb 2020 16:08

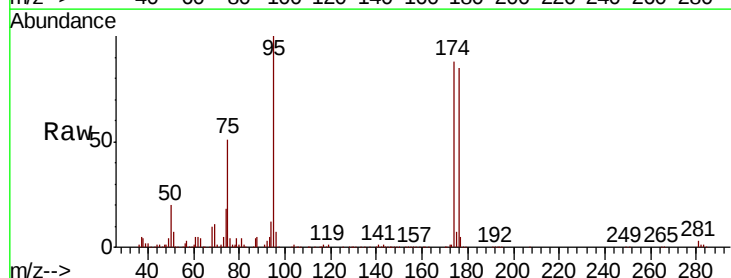
Tgt Ion: 95 Resp: 345886

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.0

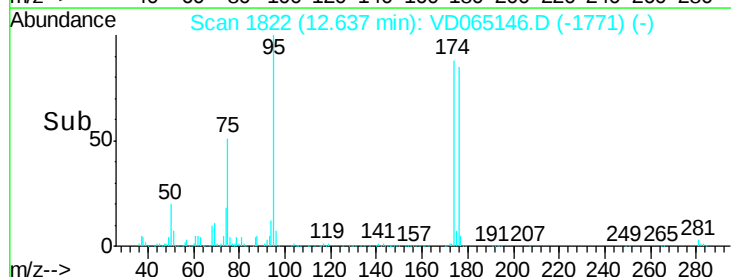
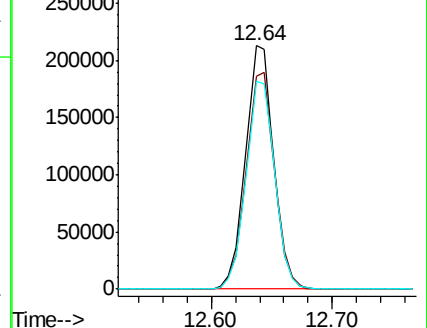
176 87.4 0.0 173.2

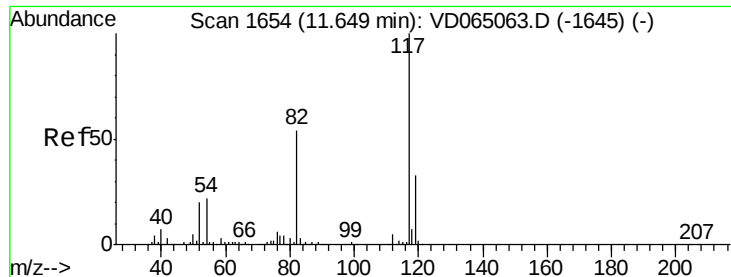


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

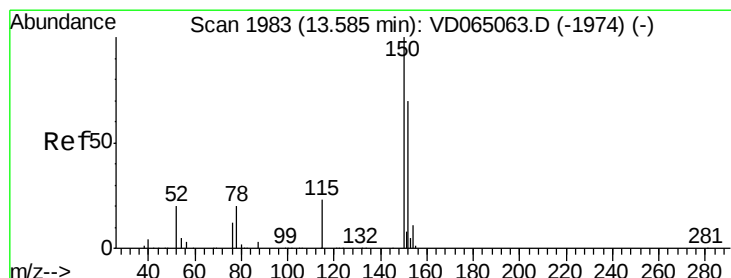
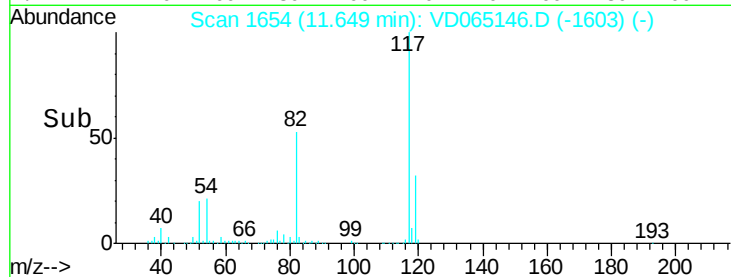
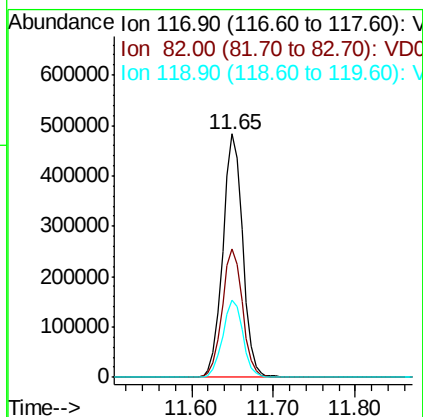
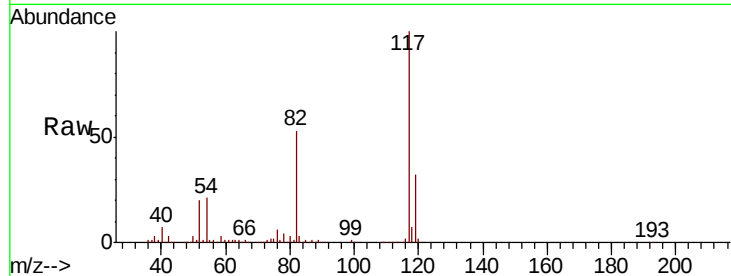




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065146.D
Acq: 11 Feb 2020 16:08

Instrument :
MSVOA_D
ClientSampleId :
SB-2G-(8.5-10.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.1	64.7
119	31.6	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065146.D
Acq: 11 Feb 2020 16:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.5	82.4
150	157.6	0.0	343.2

