

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065196.D
 Acq On : 17 Feb 2020 15:01
 Operator : VA/SY
 Sample : L1484-01
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Feb 18 03:47:54 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	43515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	71055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	66261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	19486	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	45597	123.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	246.58%	
35) Dibromofluoromethane	7.93	113	32990	83.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	166.42%	
50) Toluene-d8	10.34	98	79410	50.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.64	95	23779	47.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.12%	

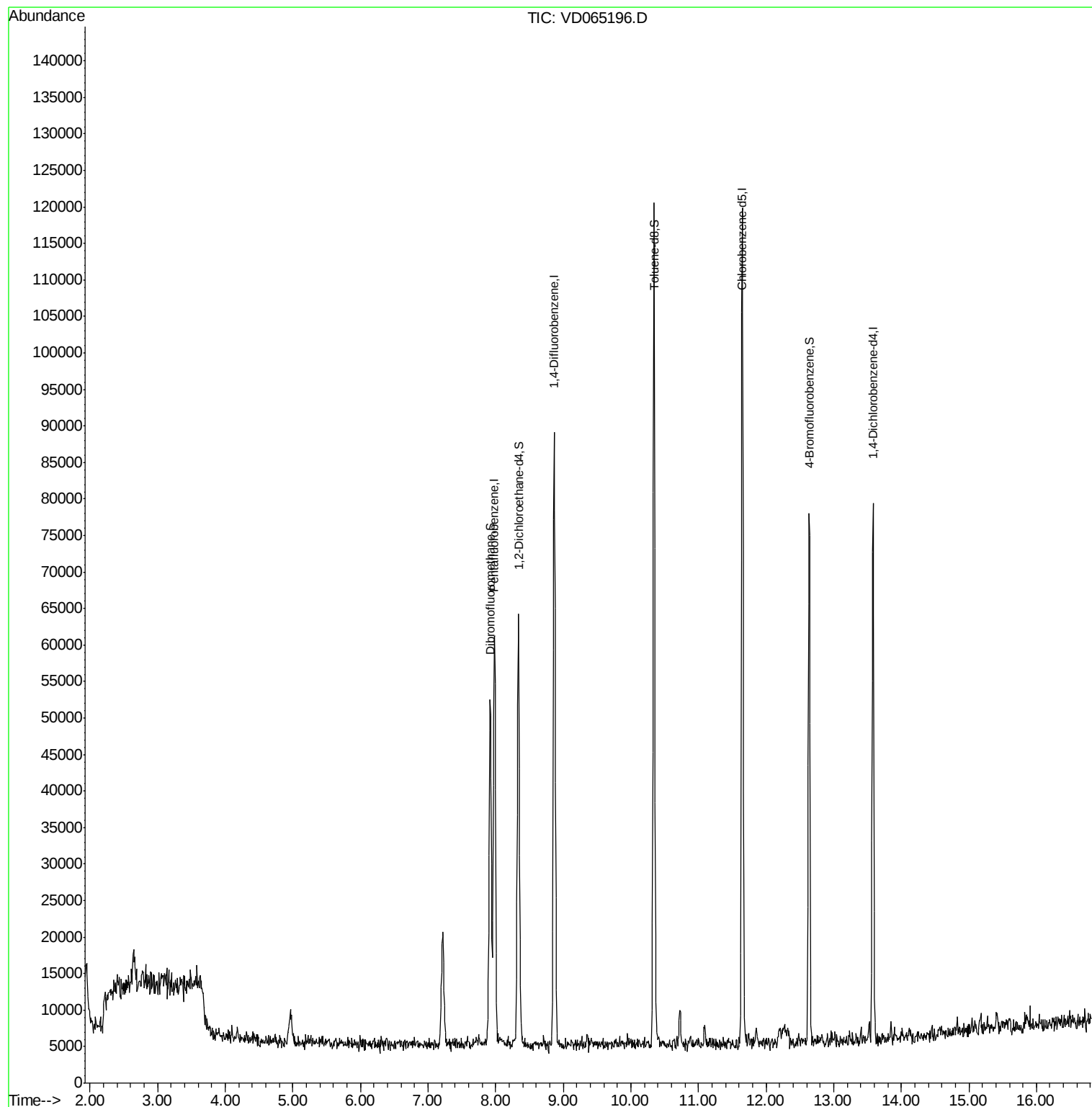
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065196.D

Acq: 17 Feb 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

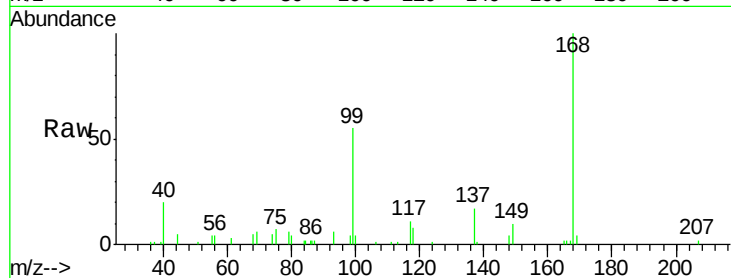
SP-1

Tot Ion:168 Resp: 43515

Ion Ratio Lower Upper

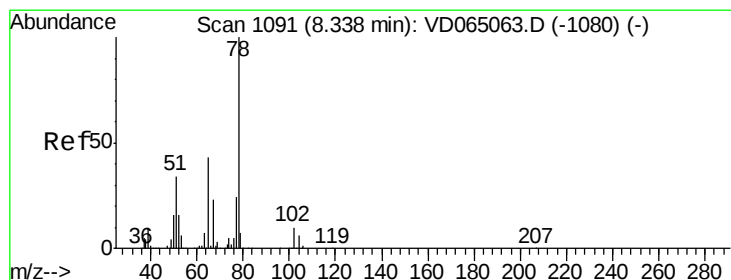
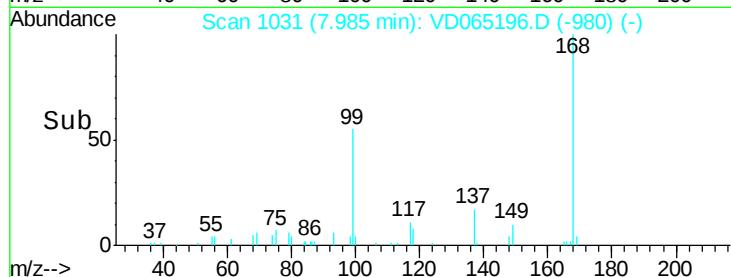
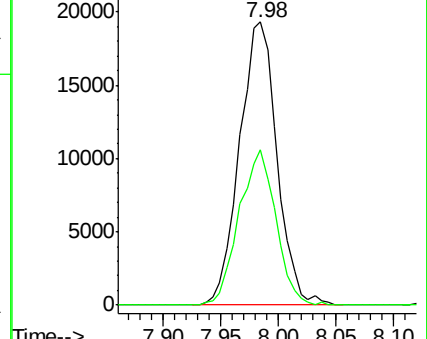
168 100

99 54.9 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: 123.288 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065196.D

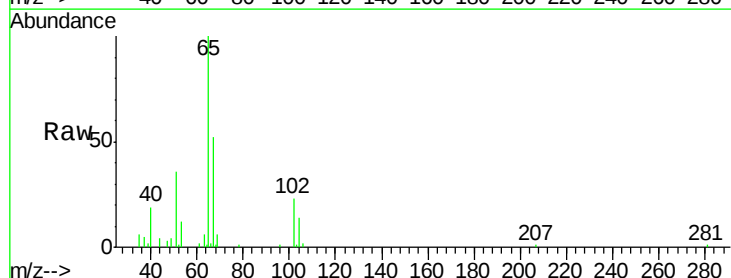
Acq: 17 Feb 2020 15:01

Tgt Ion: 65 Resp: 45597

Ion Ratio Lower Upper

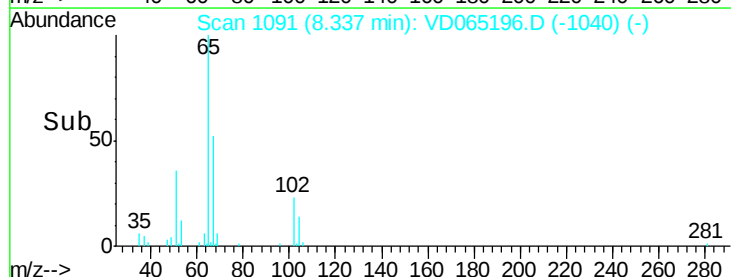
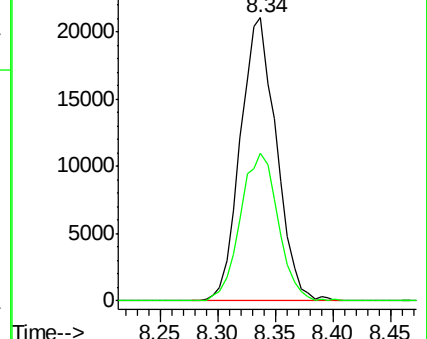
65 100

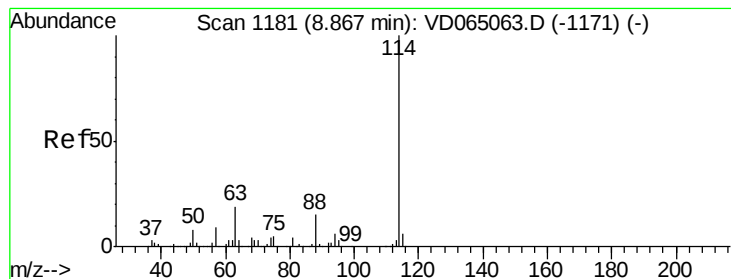
67 54.6 0.0 105.8



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: VD065196.D

Acq: 17 Feb 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

SP-1

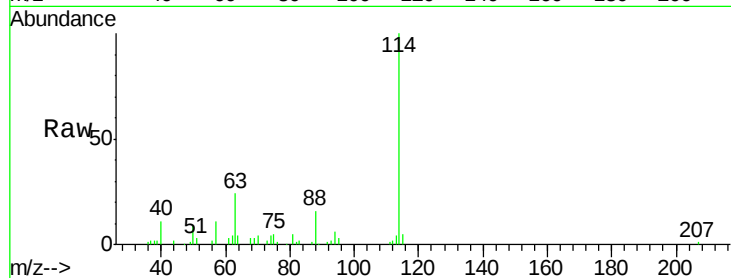
Tot Ion:114 Resp: 71055

Ion Ratio Lower Upper

114 100

63 24.0 0.0 38.8

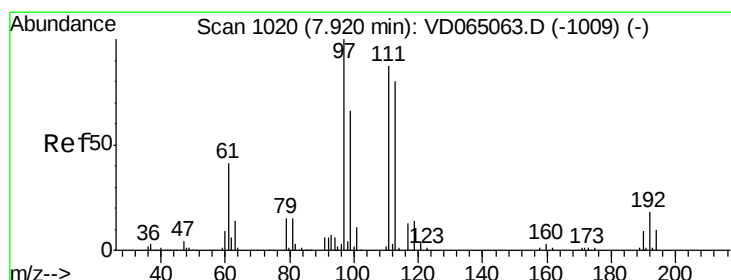
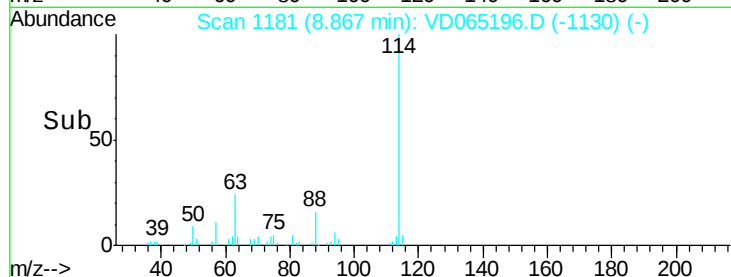
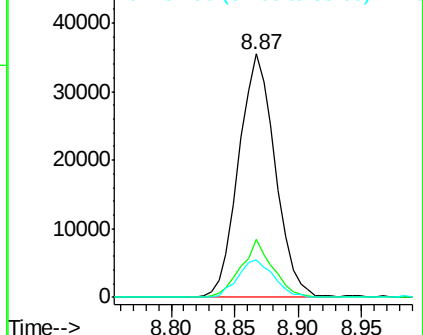
88 15.7 0.0 29.6



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: 83.215 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD065196.D

Acq: 17 Feb 2020 15:01

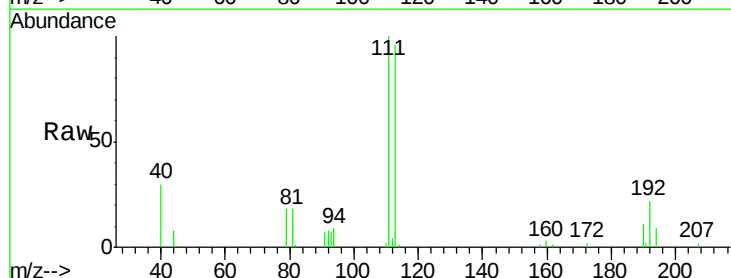
Tgt Ion:113 Resp: 32990

Ion Ratio Lower Upper

113 100

111 105.6 83.1 124.7

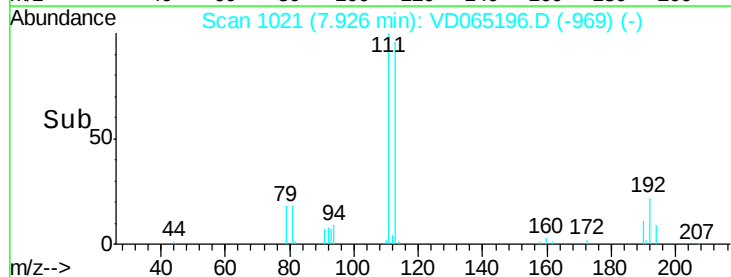
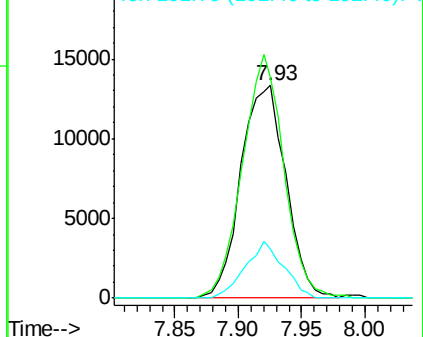
192 22.7 18.1 27.1

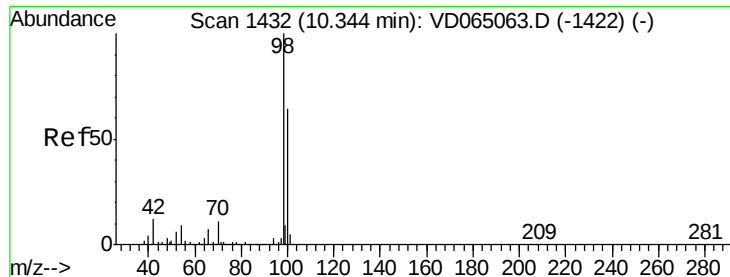


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.324 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065196.D

Acq: 17 Feb 2020 15:01

Instrument :

MSVOA_D

ClientSampleId :

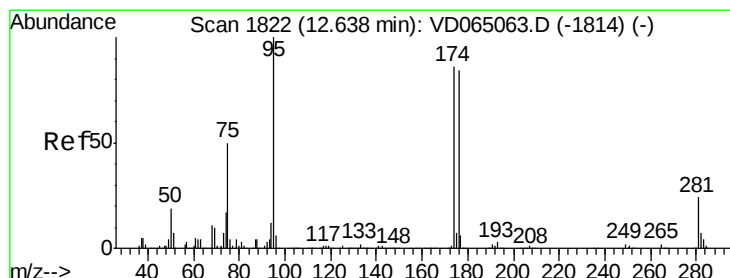
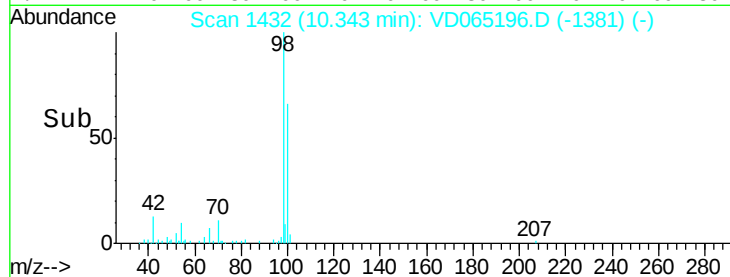
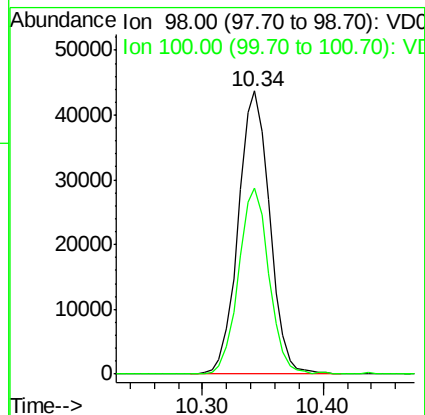
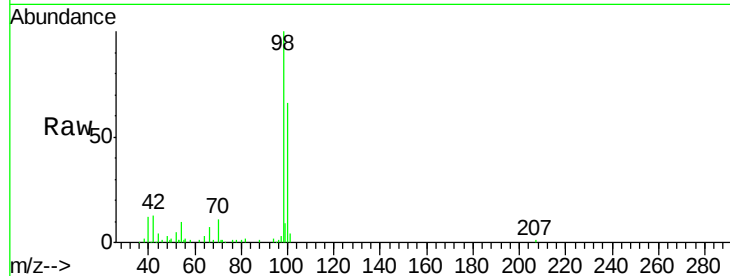
SP-1

Tot Ion: 98 Resp: 79410

Ion Ratio Lower Upper

98 100

100 64.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 47.558 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065196.D

Acq: 17 Feb 2020 15:01

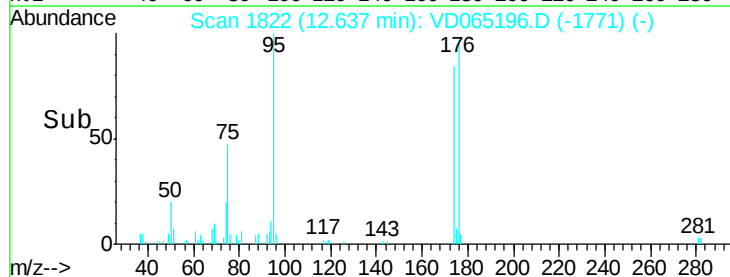
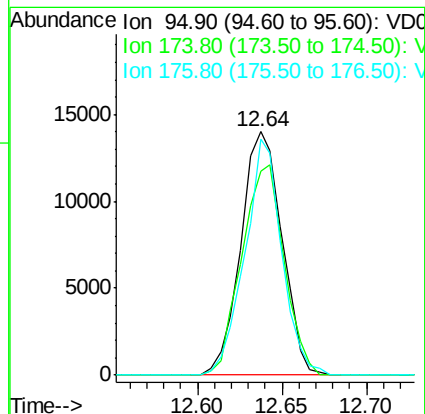
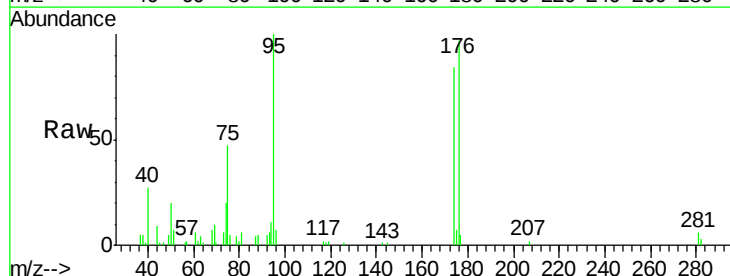
Tgt Ion: 95 Resp: 23779

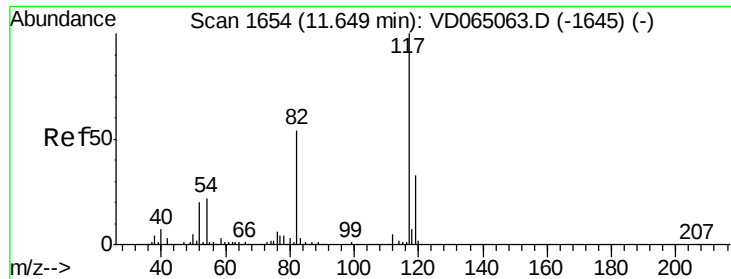
Ion Ratio Lower Upper

95 100

174 88.7 0.0 180.0

176 87.1 0.0 173.2

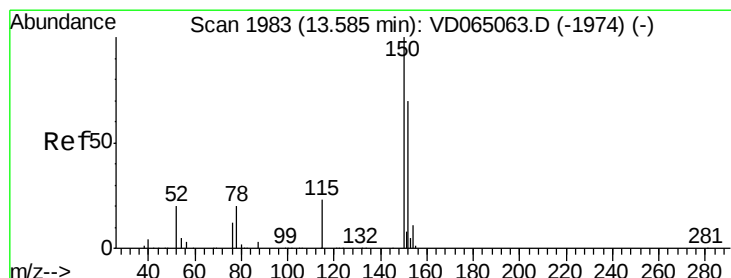
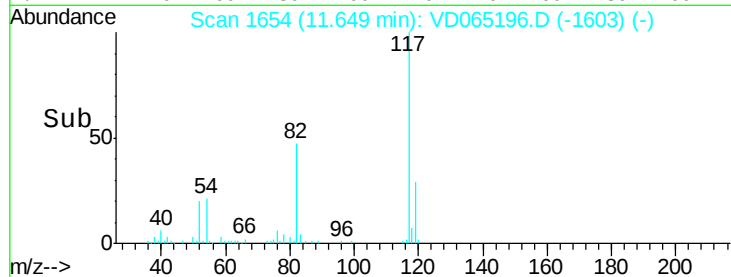
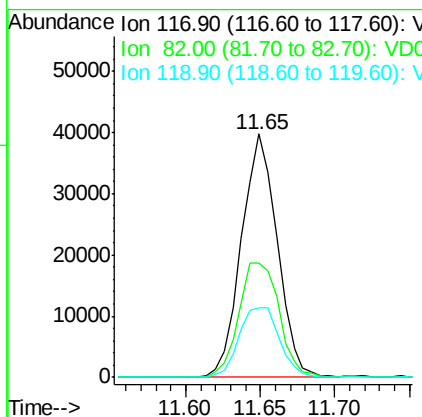
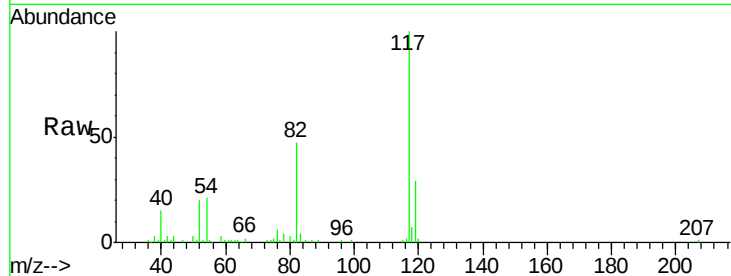




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065196.D
Acq: 17 Feb 2020 15:01

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tot Ion:117 Resp: 66261
Ion Ratio Lower Upper
117 100
82 46.9 43.1 64.7
119 28.6 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: VD065196.D
Acq: 17 Feb 2020 15:01

Tgt Ion:152 Resp: 19486
Ion Ratio Lower Upper
152 100
115 56.7 27.5 82.4
150 168.9 0.0 343.2

