

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020320\
 Data File : VD065049.D
 Acq On : 03 Feb 2020 12:49
 Operator : VA/SY
 Sample : L1345-02
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 01-31-B

Quant Time: Feb 03 14:09:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	310207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	486376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	499937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	183157	61.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.10%	
35) Dibromofluoromethane	7.92	113	165258	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
50) Toluene-d8	10.34	98	595416	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.64	95	211720	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	

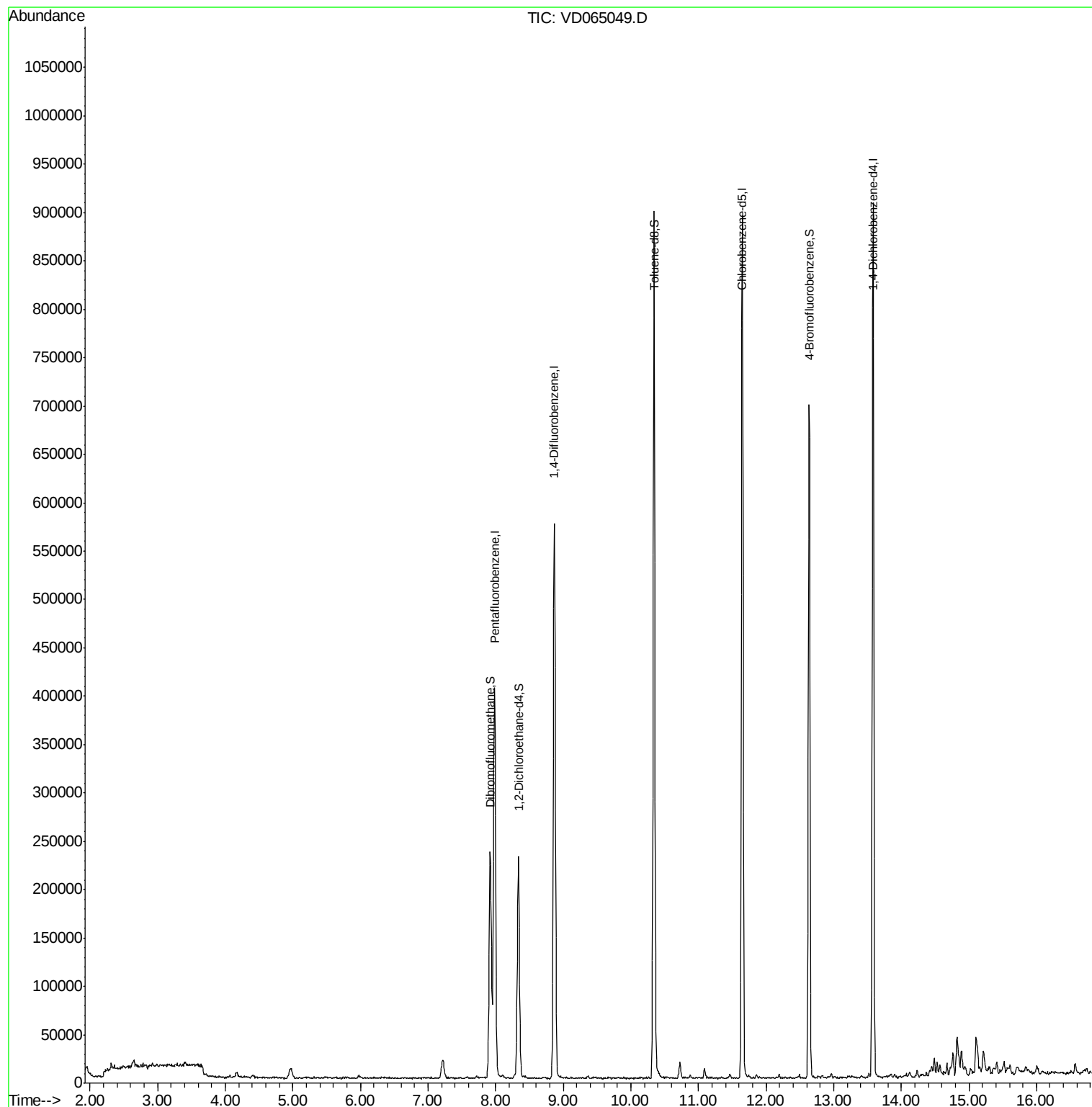
Target Compounds	Qvalue

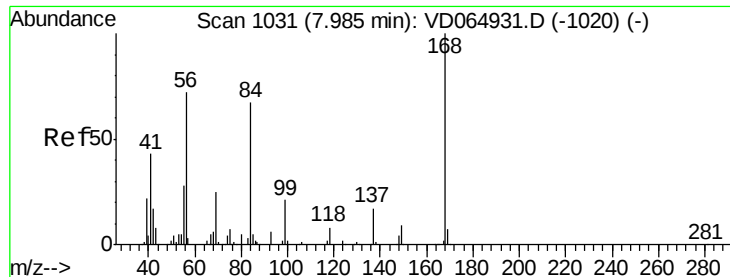
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065049.D

Acq: 03 Feb 2020 12:49

Instrument :

MSVOA_D

ClientSampled :

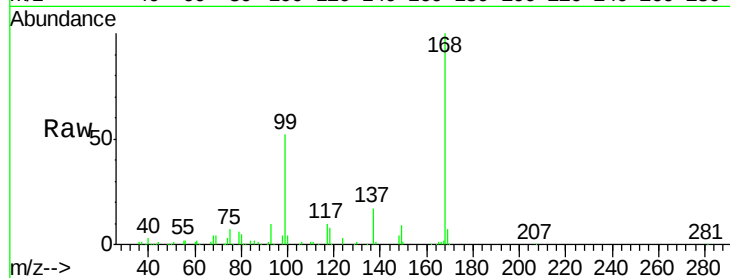
01-31-B

Tot Ion:168 Resp: 310207

Ion Ratio Lower Upper

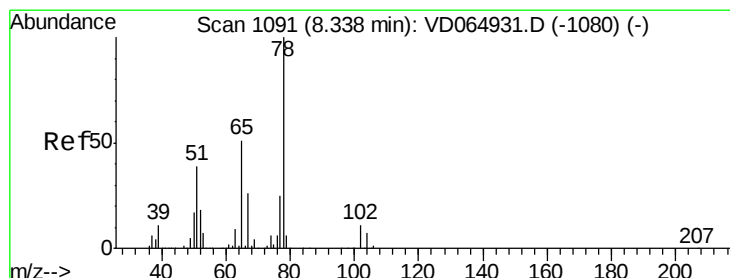
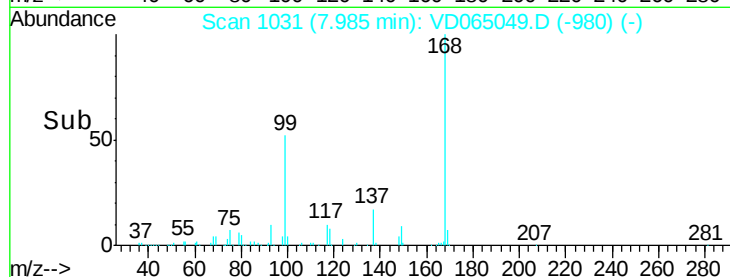
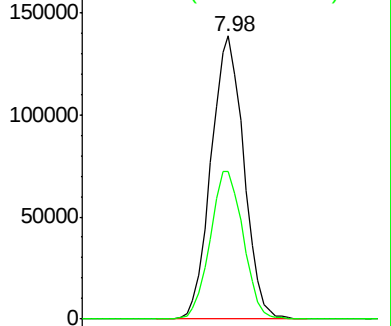
168 100

99 52.4 43.3 64.9



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: 61.554 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065049.D

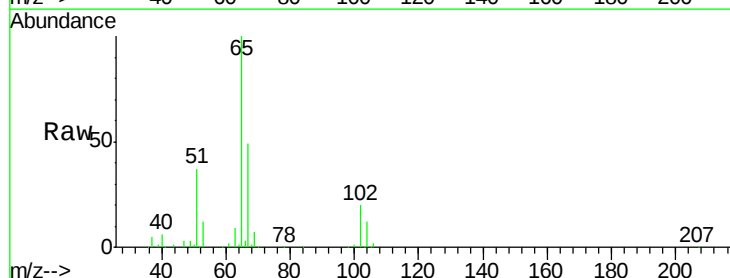
Acq: 03 Feb 2020 12:49

Tgt Ion: 65 Resp: 183157

Ion Ratio Lower Upper

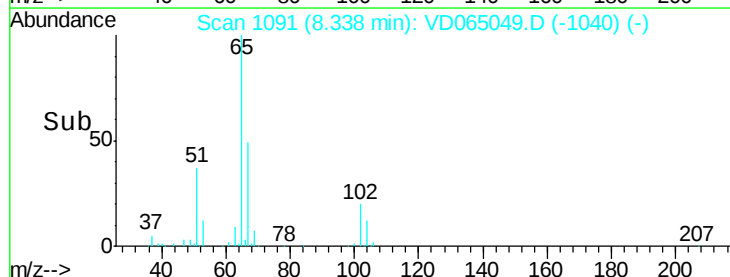
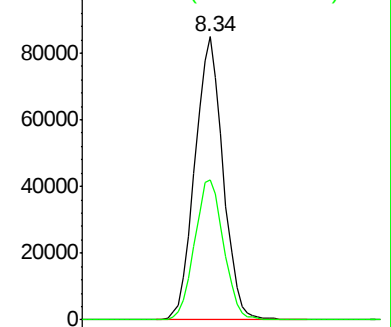
65 100

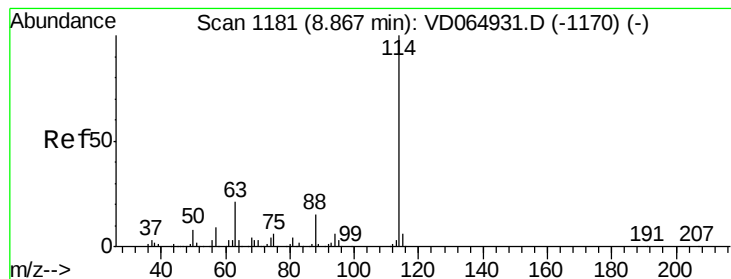
67 51.0 0.0 103.6



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: VD065049.D

Acq: 03 Feb 2020 12:49

Instrument :

MSVOA_D

ClientSampleId :

01-31-B

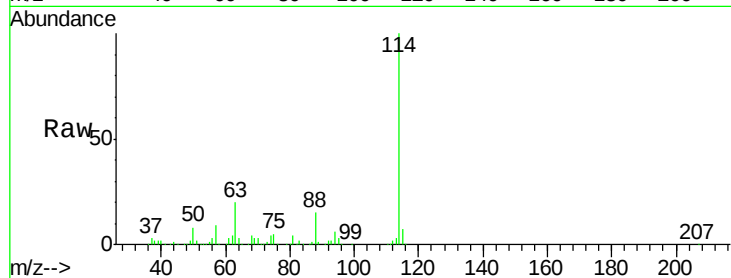
Tot Ion:114 Resp: 486376

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.0

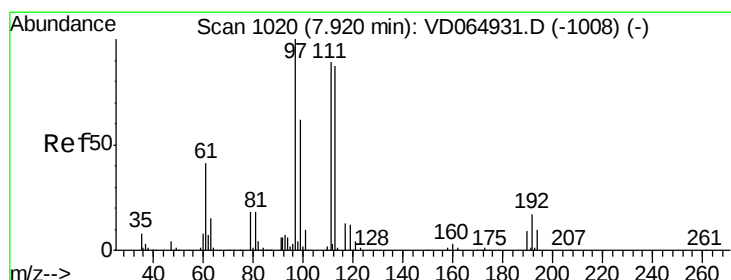
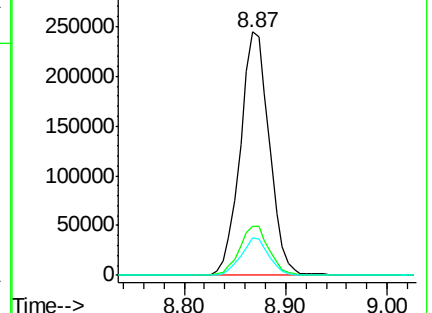
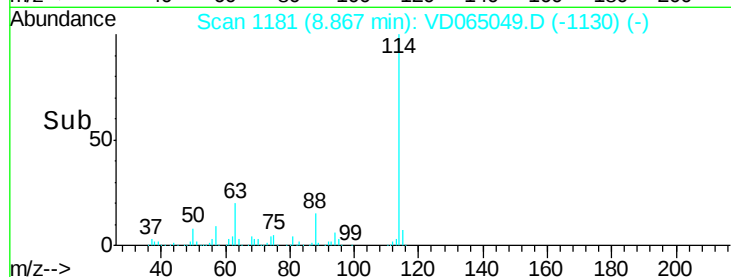
88 15.2 0.0 29.4



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: 54.069 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065049.D

Acq: 03 Feb 2020 12:49

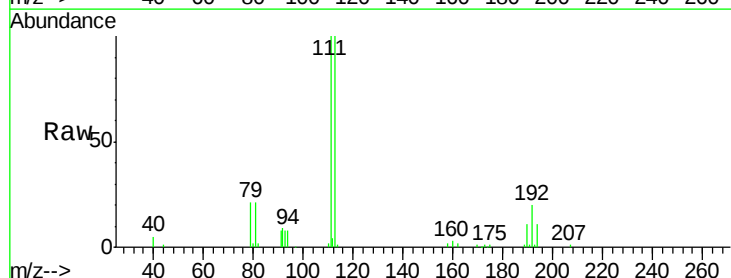
Tgt Ion:113 Resp: 165258

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

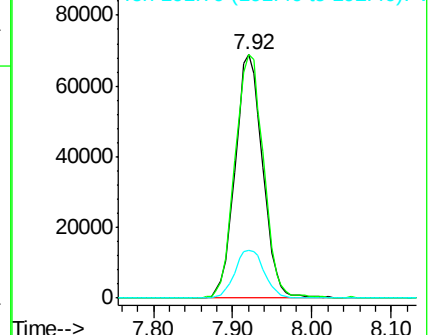
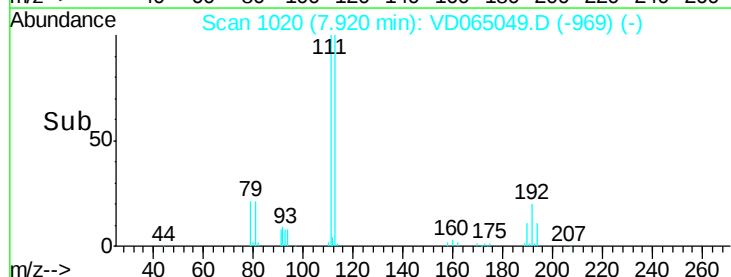
192 21.1 16.9 25.3

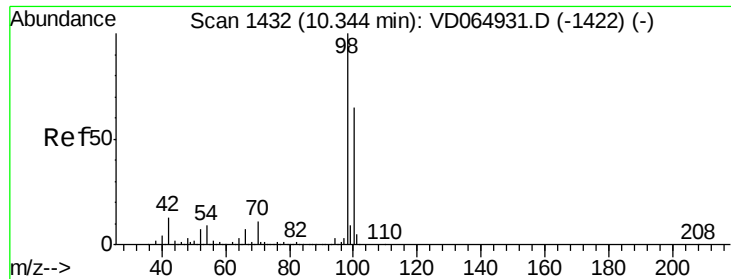


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

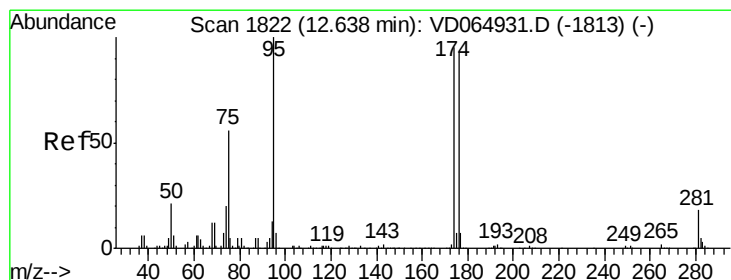
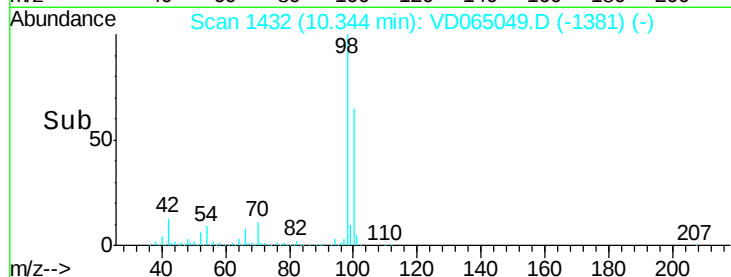
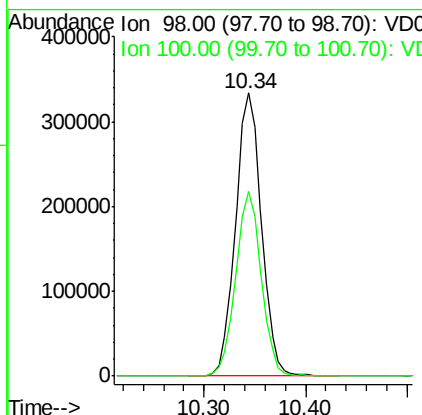
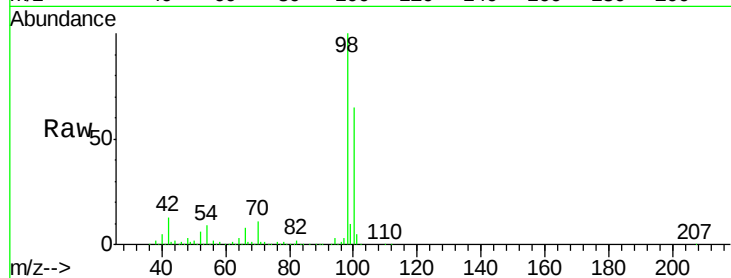




#50
Toluene-d8
Concen: 50.473 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065049.D
Acq: 03 Feb 2020 12:49

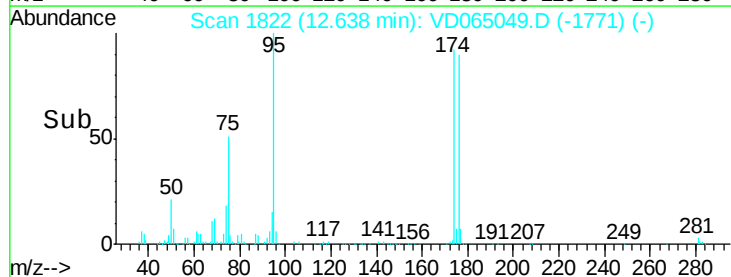
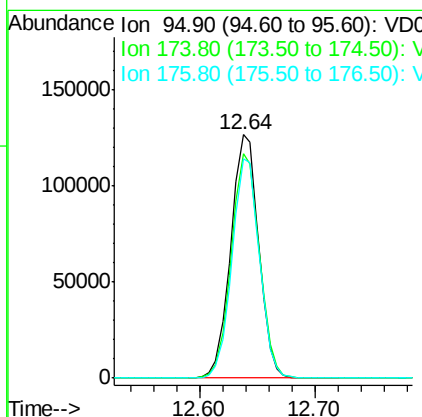
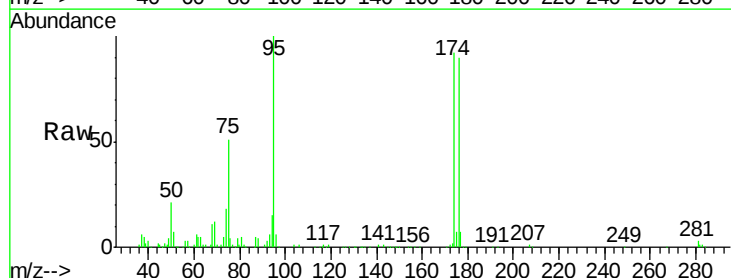
Instrument :
MSVOA_D
ClientSampleId :
01-31-B

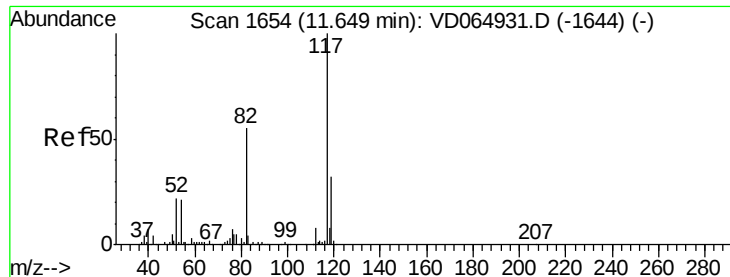
Tot Ion: 98 Resp: 595416
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 58.647 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065049.D
Acq: 03 Feb 2020 12:49

Tgt Ion: 95 Resp: 211720
Ion Ratio Lower Upper
95 100
174 93.0 0.0 186.8
176 88.5 0.0 183.4

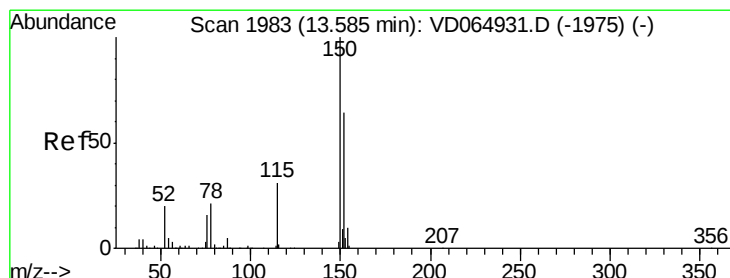
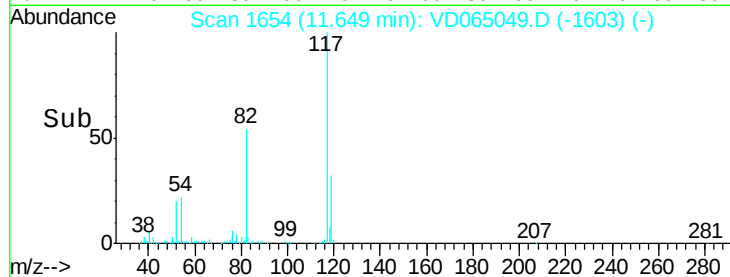
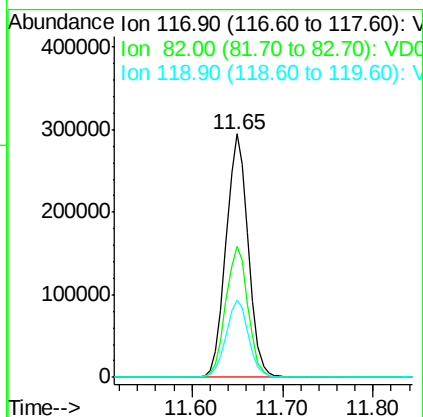
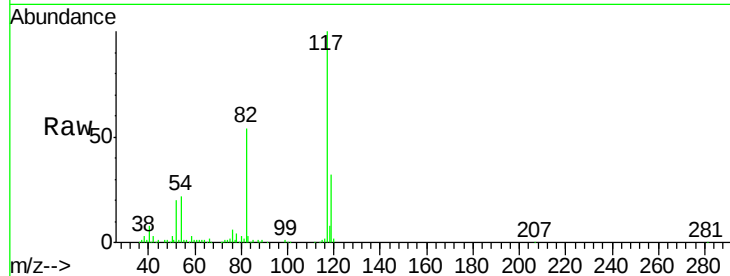




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065049.D
Acq: 03 Feb 2020 12:49

Instrument :
MSVOA_D
ClientSampleId :
01-31-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.6	65.4
119	31.9	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065049.D
Acq: 03 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.1	84.4
150	156.2	0.0	350.4

