

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013120\
 Data File : VD065036.D
 Acq On : 31 Jan 2020 16:19
 Operator : VA/SY
 Sample : L1329-22
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 628-629

Quant Time: Jan 31 17:07:18 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	20347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	29783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	31628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	14723	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	15302	78.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.80%	
35) Dibromofluoromethane	7.93	113	12696	67.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.66%	
50) Toluene-d8	10.35	98	34996	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.64	95	11976	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

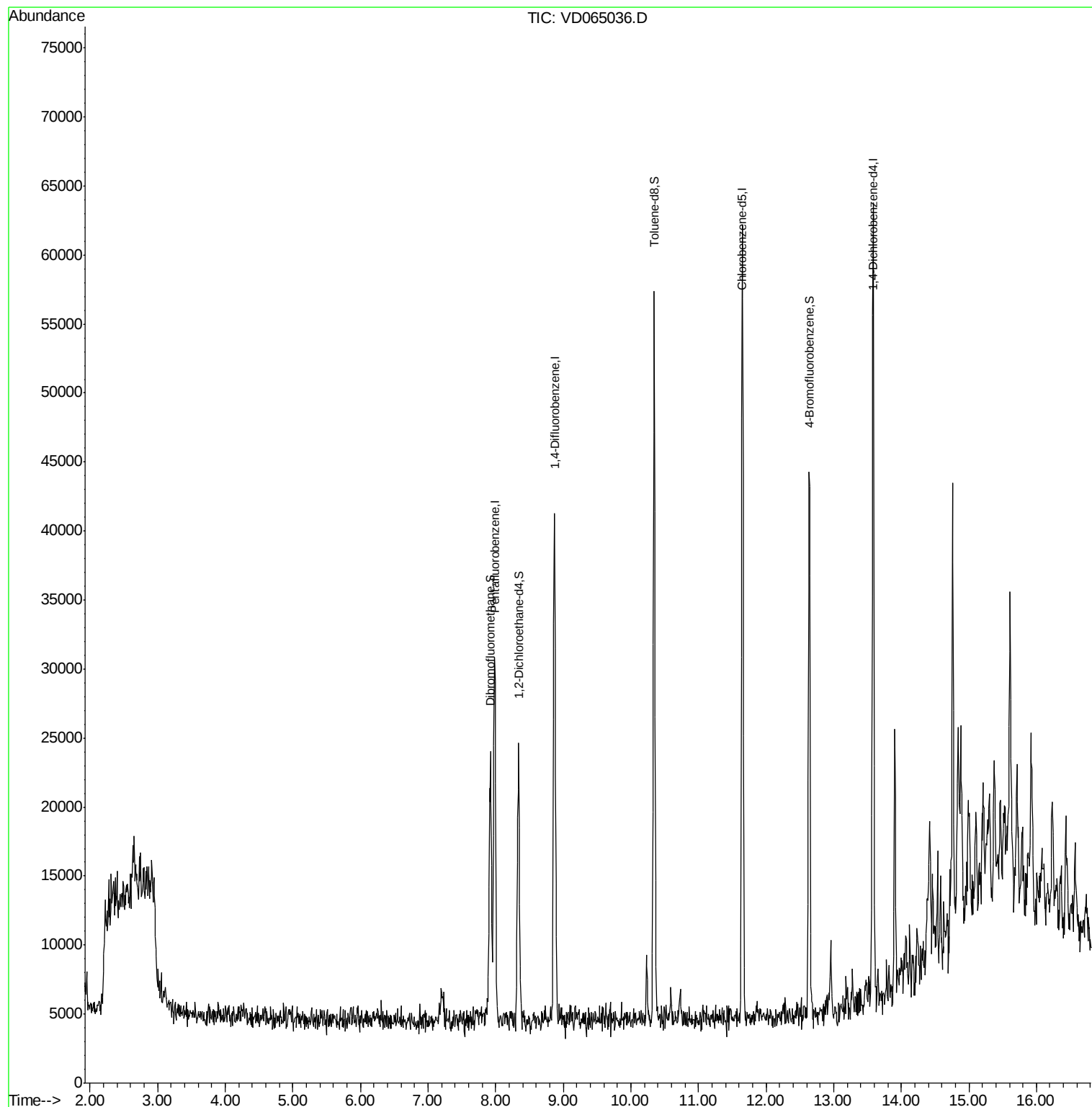
Target Compounds	Qvalue

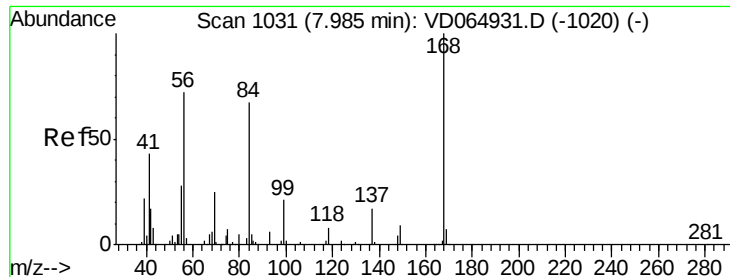
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD013120\
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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: VD065036.D

Acq: 31 Jan 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

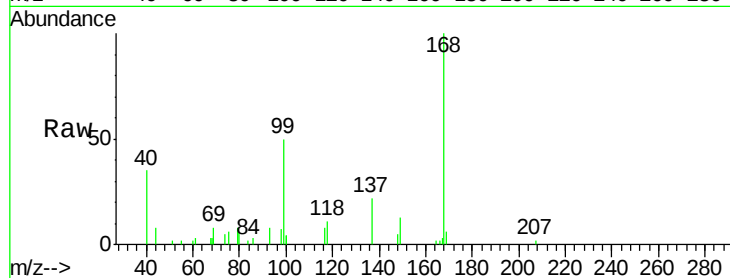
628-629

Tot Ion:168 Resp: 20347

Ion Ratio Lower Upper

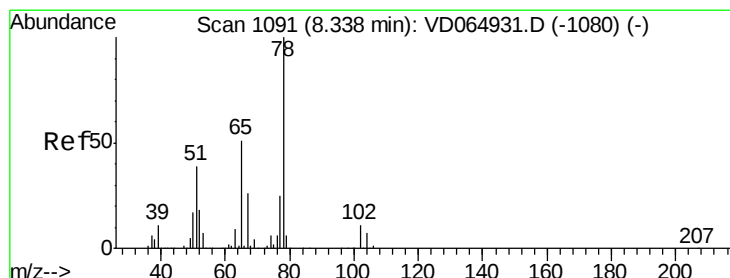
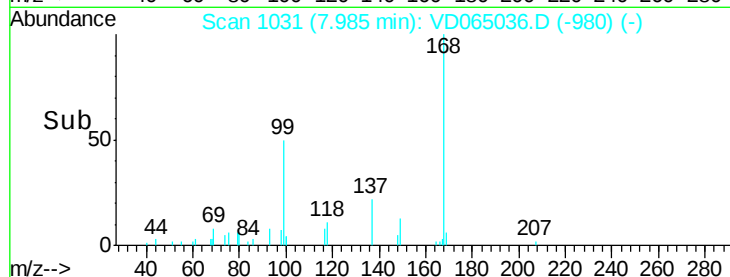
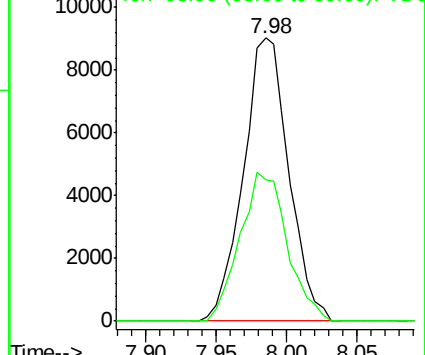
168 100

99 49.8 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: 78.403 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065036.D

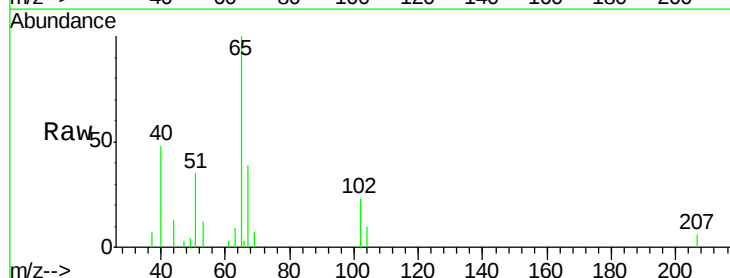
Acq: 31 Jan 2020 16:19

Tgt Ion: 65 Resp: 15302

Ion Ratio Lower Upper

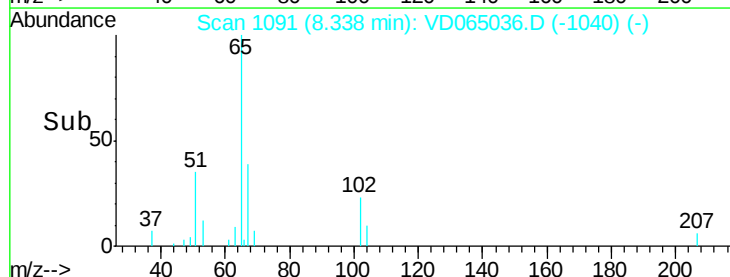
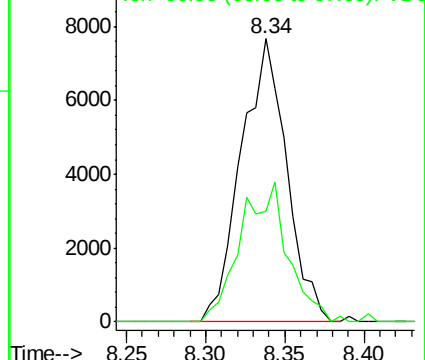
65 100

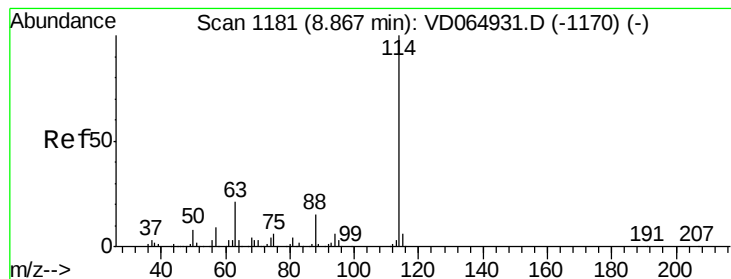
67 51.7 0.0 103.6



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: VD065036.D

Acq: 31 Jan 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

628-629

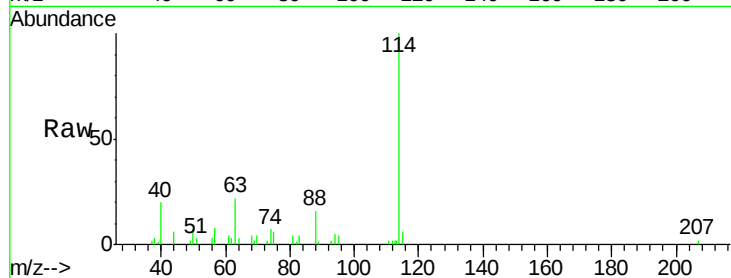
Tot Ion:114 Resp: 29783

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.0

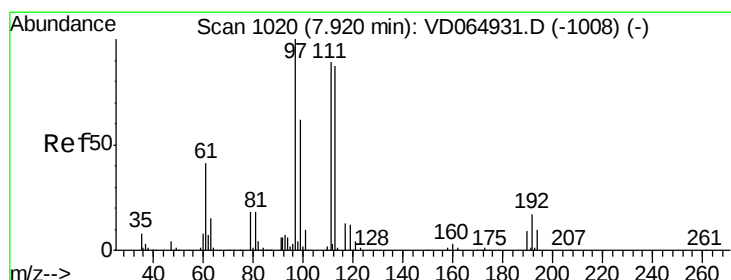
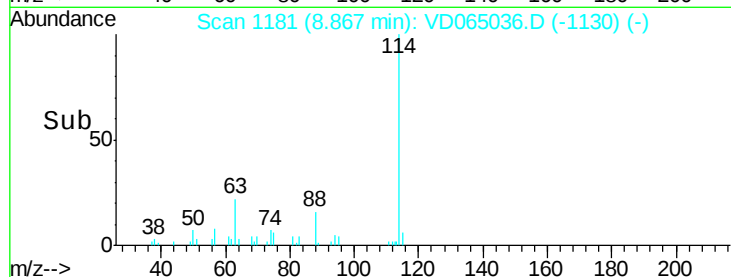
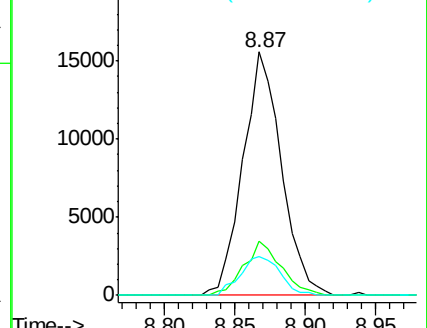
88 16.0 0.0 29.4



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: 67.835 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD065036.D

Acq: 31 Jan 2020 16:19

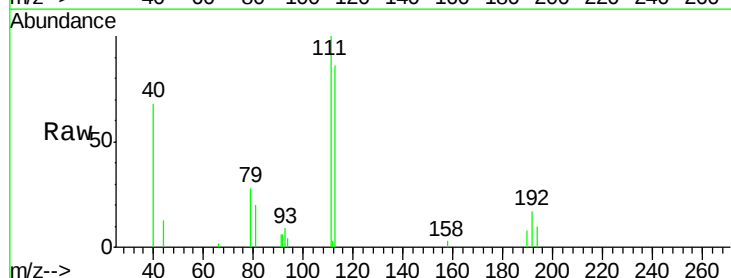
Tgt Ion:113 Resp: 12696

Ion Ratio Lower Upper

113 100

111 106.9 82.4 123.6

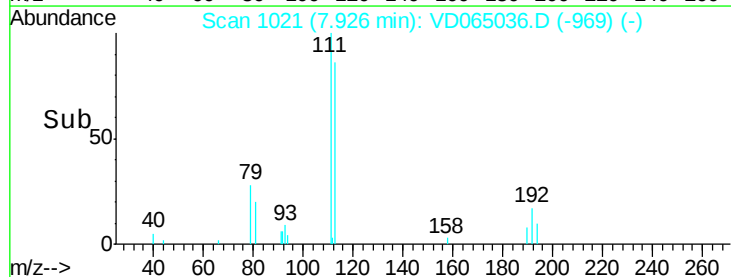
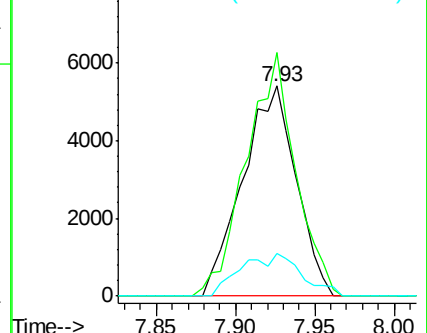
192 22.8 16.9 25.3

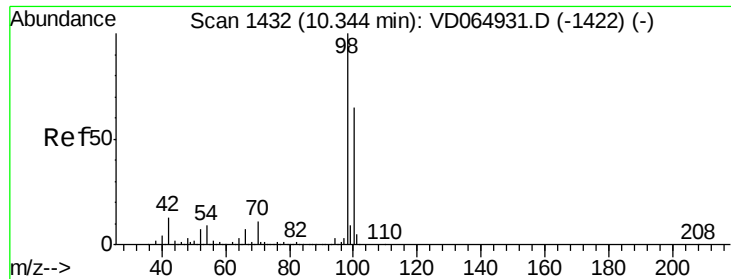


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.446 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VD065036.D

Acq: 31 Jan 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

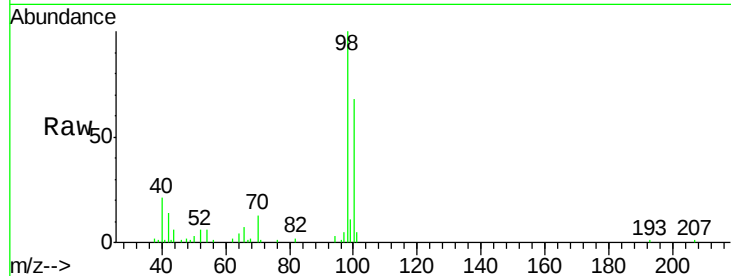
628-629

Tot Ion: 98 Resp: 34996

Ion Ratio Lower Upper

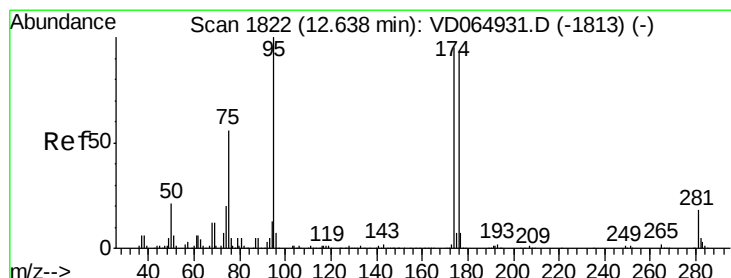
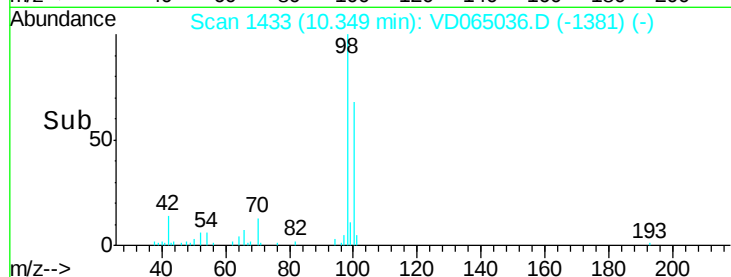
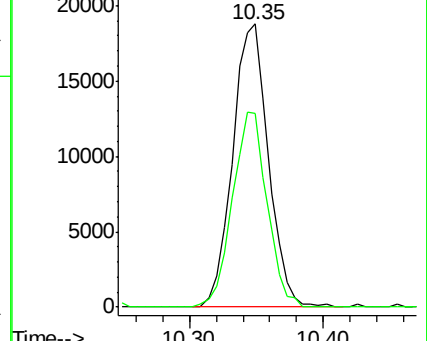
98 100

100 66.6 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 54.175 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065036.D

Acq: 31 Jan 2020 16:19

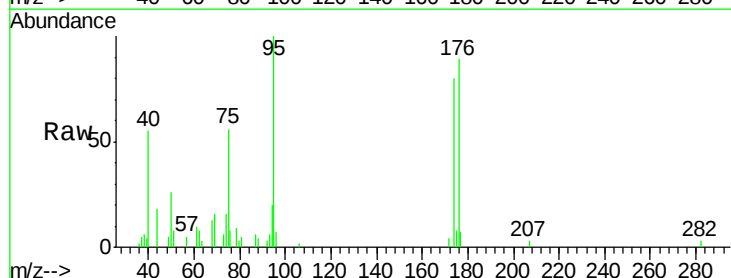
Tgt Ion: 95 Resp: 11976

Ion Ratio Lower Upper

95 100

174 93.6 0.0 186.8

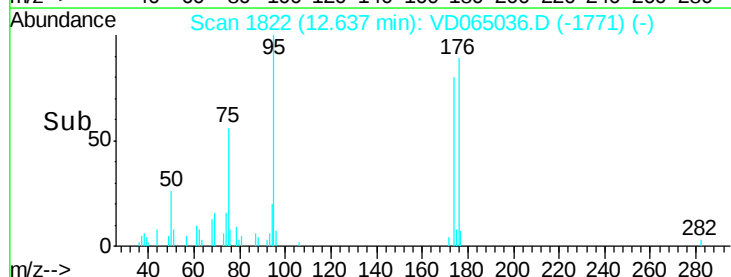
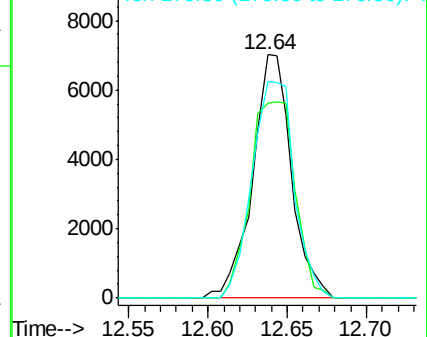
176 96.7 0.0 183.4

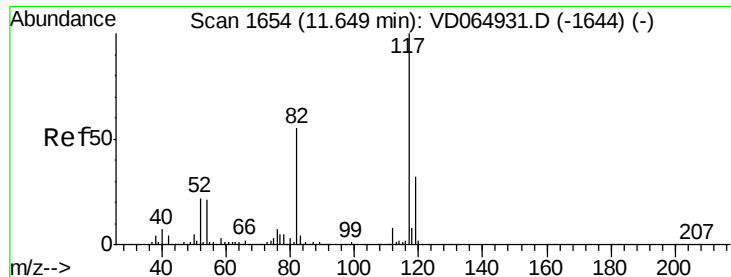


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

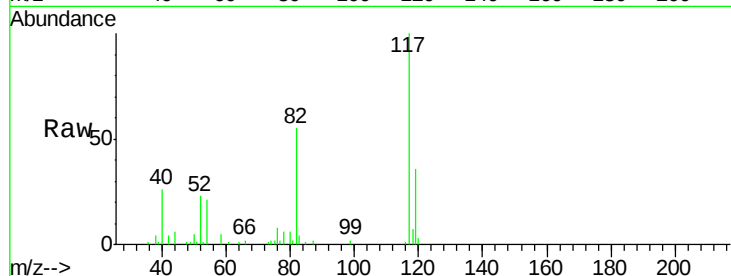




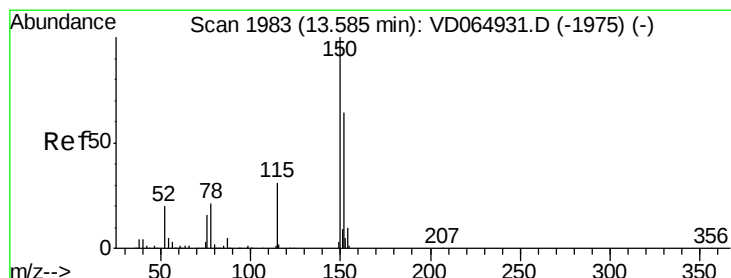
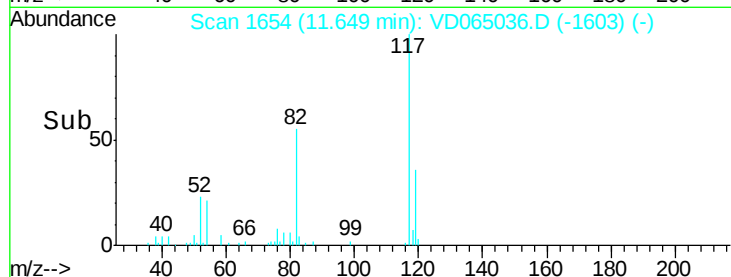
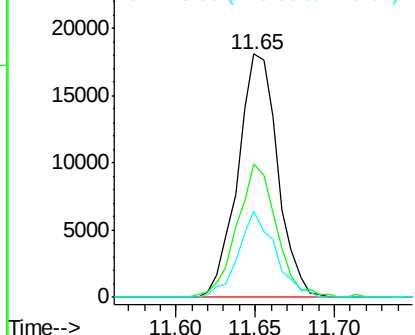
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065036.D
Acq: 31 Jan 2020 16:19

Instrument :
MSVOA_D
ClientSampleId :
628-629

Tot Ion:117 Resp: 31628
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 35.6 25.2 37.8

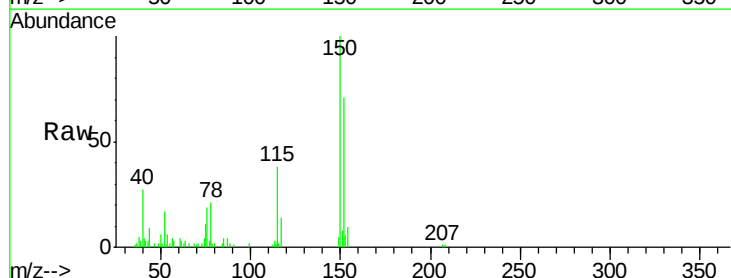


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065036.D
Acq: 31 Jan 2020 16:19

Tgt Ion:152 Resp: 14723
Ion Ratio Lower Upper
152 100
115 56.7 28.1 84.4
150 159.4 0.0 350.4



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

