

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065952.D
 Acq On : 16 Jul 2020 12:42
 Operator : VA/SY
 Sample : VD0716SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0716SBL01

Quant Time: Jul 17 03:56:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	431226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	651841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	660286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	345062	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	169270	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	
35) Dibromofluoromethane	7.91	113	195365	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	10.34	98	768119	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.63	95	300451	59.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.26%	

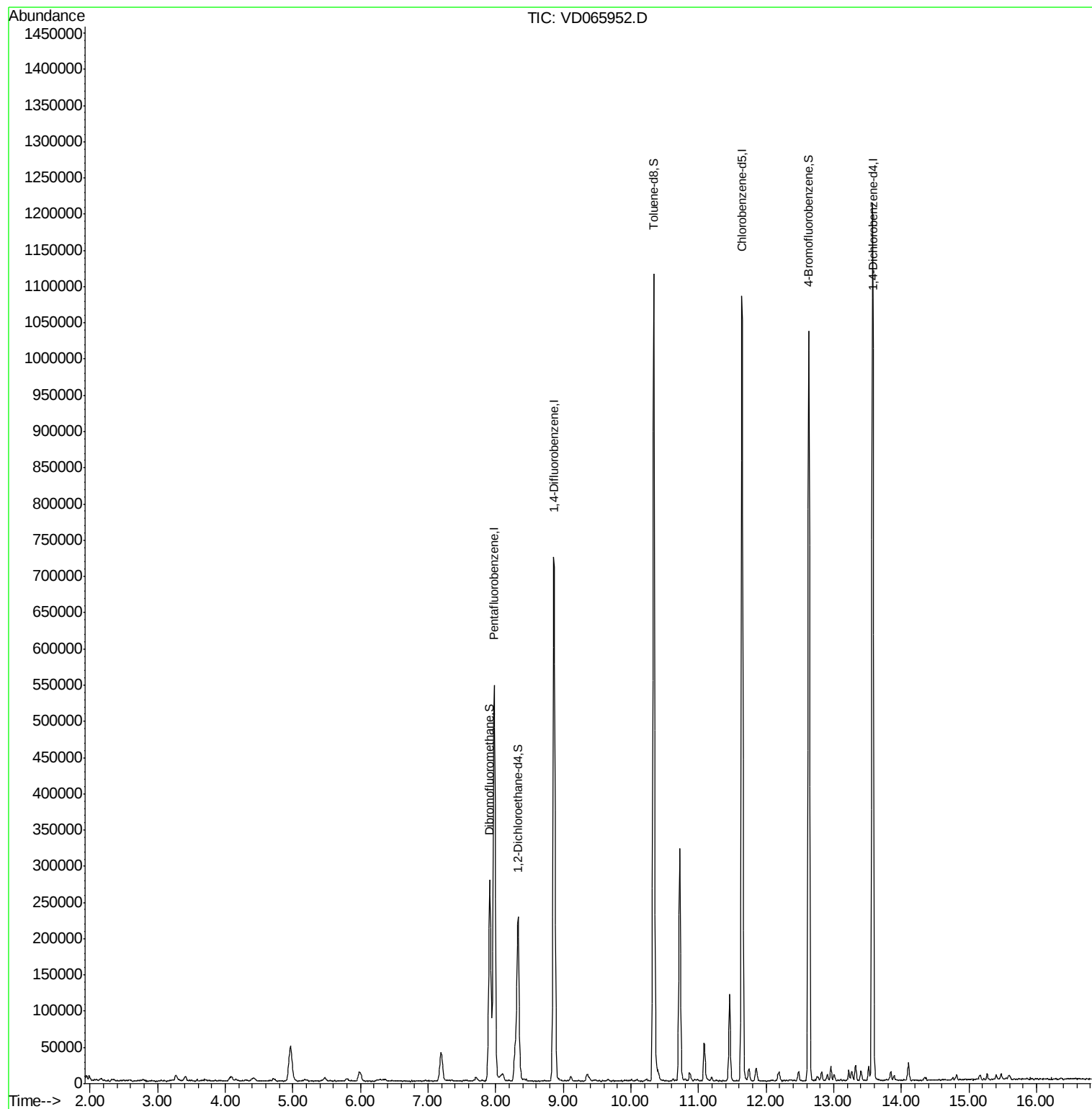
Target Compounds	Qvalue

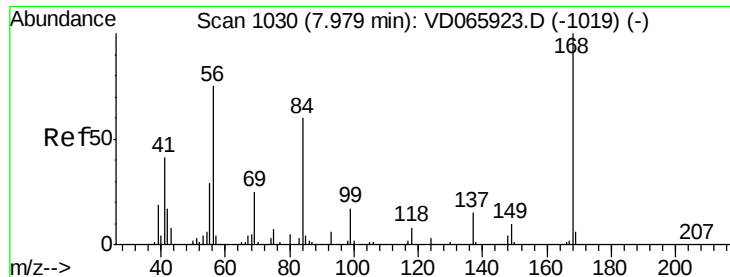
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065952.D

Acq: 16 Jul 2020 12:42

Instrument :

MSVOA_D

ClientSampleId :

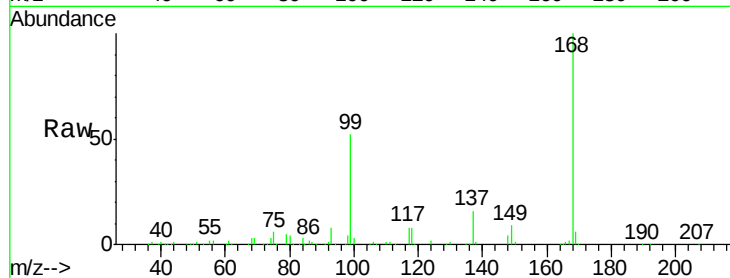
VD0716SBL01

Tot Ion:168 Resp: 431226

Ion Ratio Lower Upper

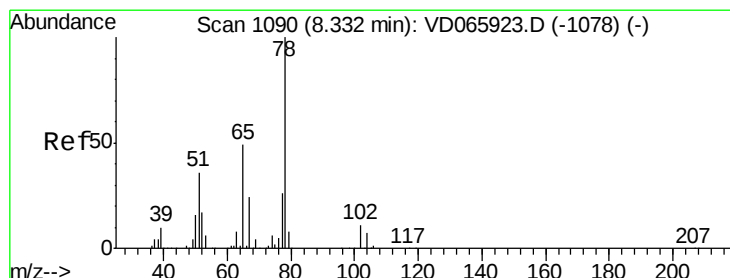
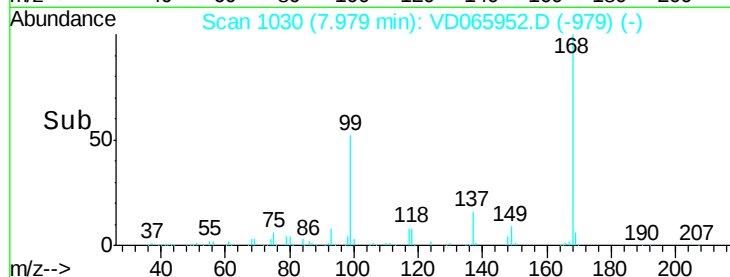
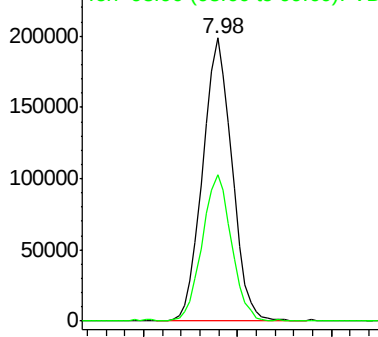
168 100

99 51.7 43.1 64.7



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: 44.293 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065952.D

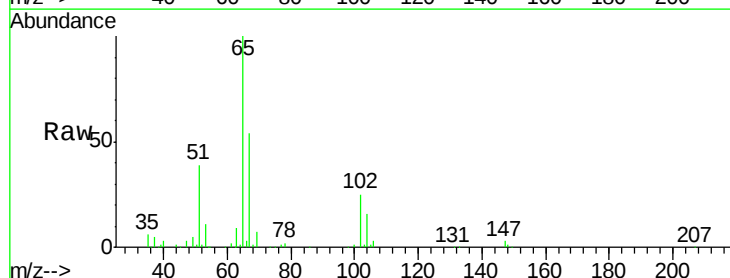
Acq: 16 Jul 2020 12:42

Tgt Ion: 65 Resp: 169270

Ion Ratio Lower Upper

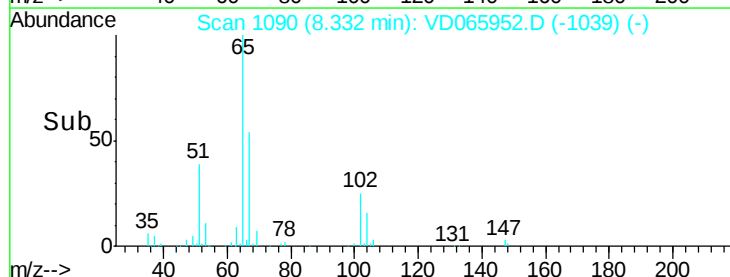
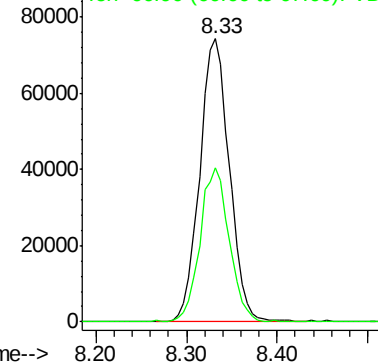
65 100

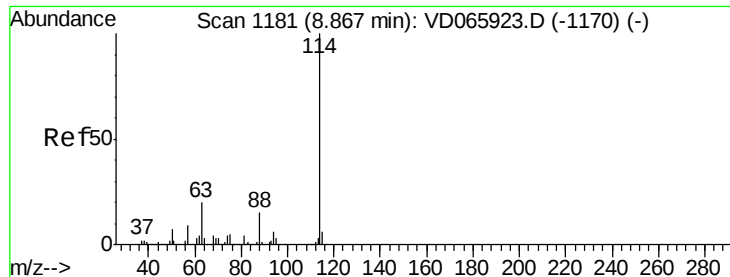
67 53.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

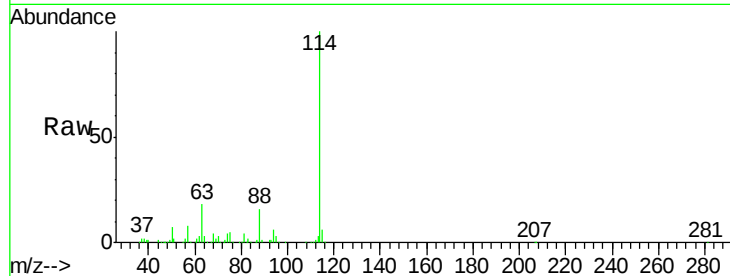




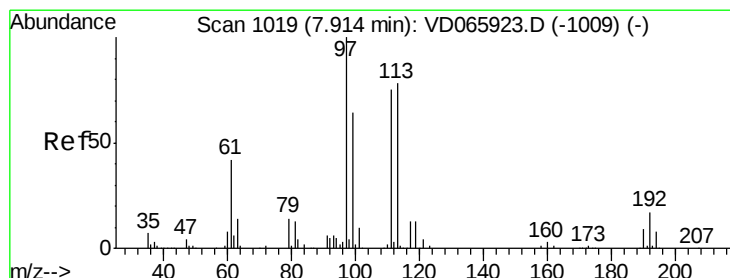
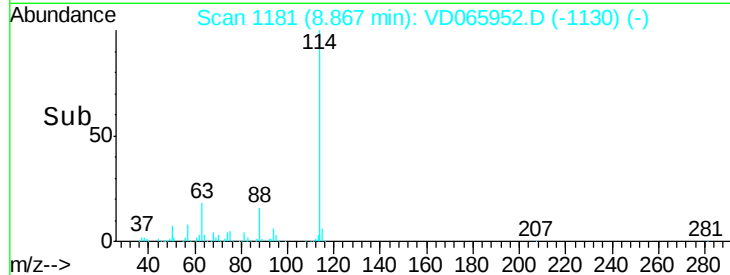
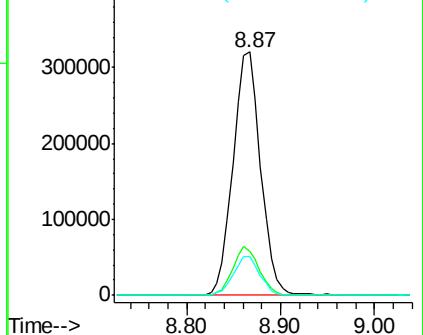
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065952.D
 Acq: 16 Jul 2020 12:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0716SBL01

Tot Ion:114 Resp: 651841
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.2
 88 15.9 0.0 30.0

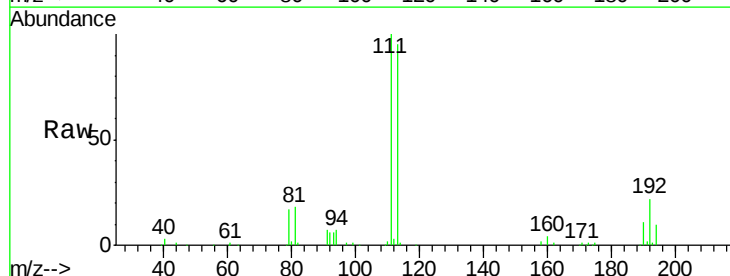


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

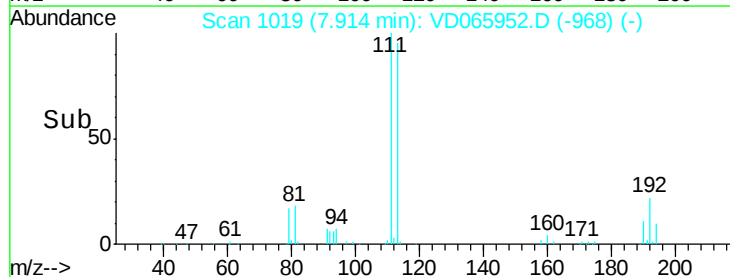
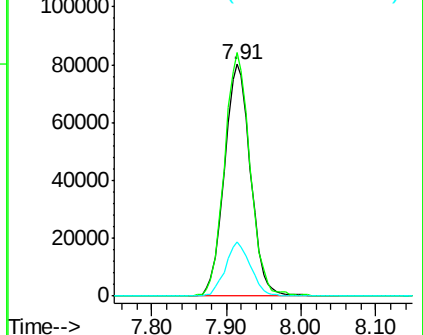


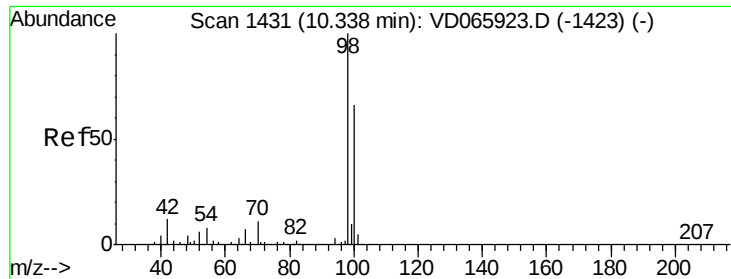
#35
 Dibromofluoromethane
 Concen: 48.585 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065952.D
 Acq: 16 Jul 2020 12:42

Tgt Ion:113 Resp: 195365
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.9 121.3
 192 22.5 17.1 25.7



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: 52.354 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD065952.D

Acq: 16 Jul 2020 12:42

Instrument :

MSVOA_D

ClientSampleId :

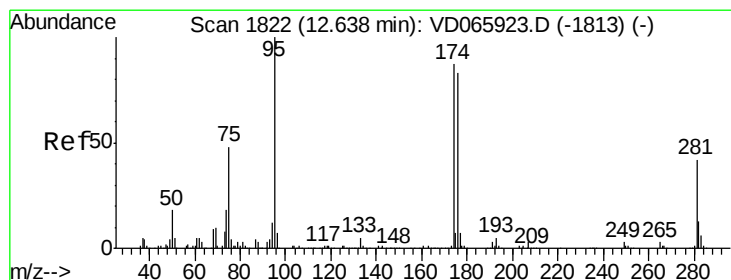
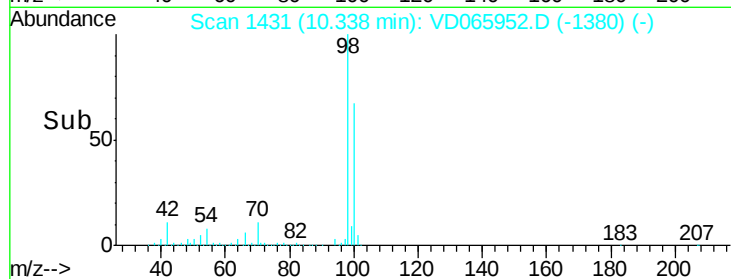
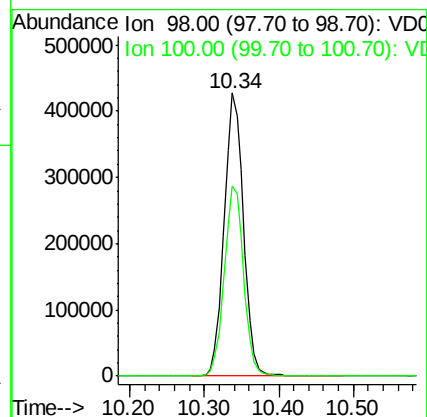
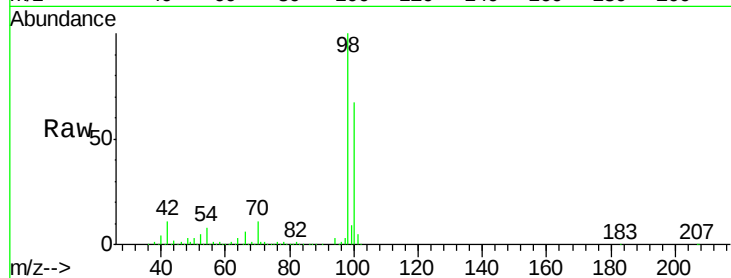
VD0716SBL01

Tot Ion: 98 Resp: 768119

Ion Ratio Lower Upper

98 100

100 67.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 59.633 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065952.D

Acq: 16 Jul 2020 12:42

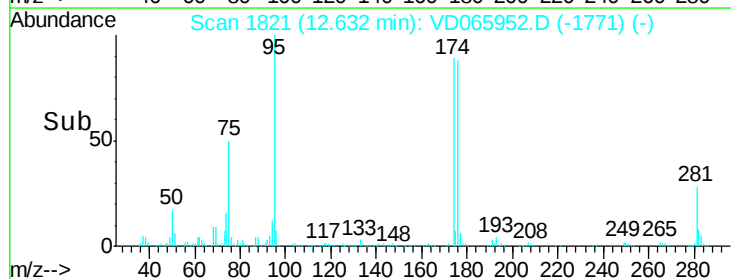
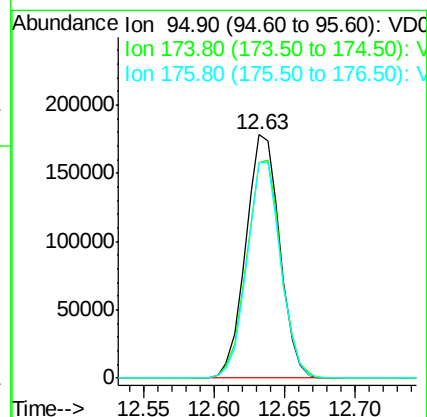
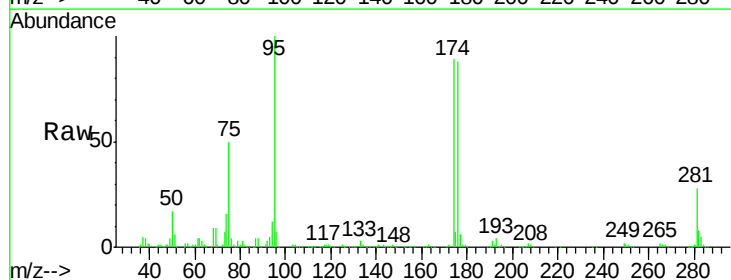
Tgt Ion: 95 Resp: 300451

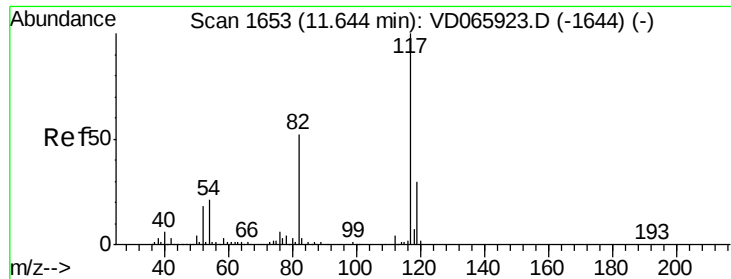
Ion Ratio Lower Upper

95 100

174 90.5 0.0 169.4

176 88.1 0.0 164.0

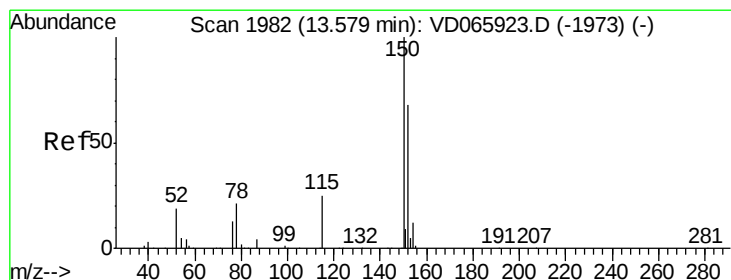
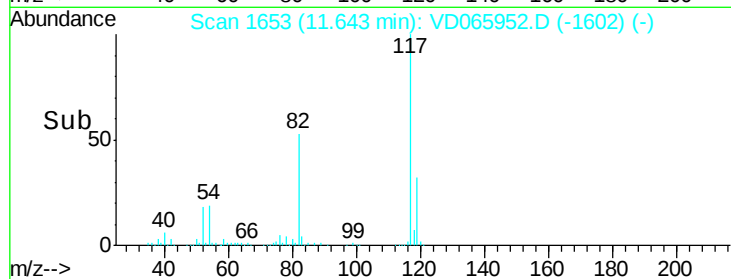
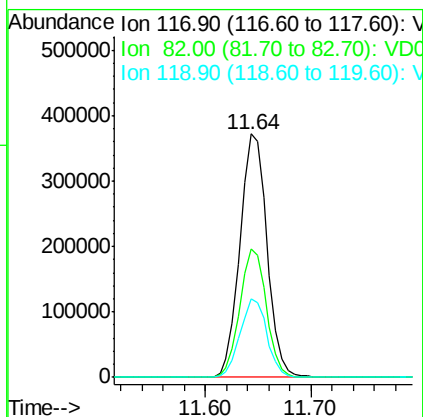
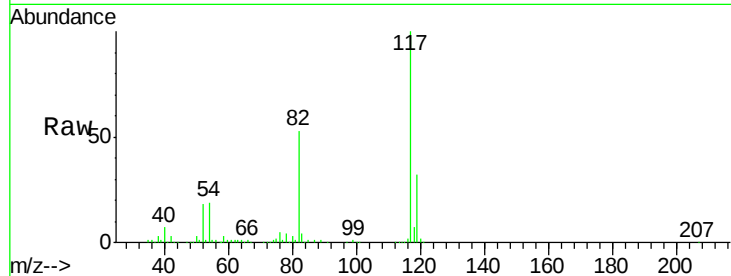




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065952.D
Acq: 16 Jul 2020 12:42

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

Tot Ion:117 Resp: 660286
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.1 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065952.D
Acq: 16 Jul 2020 12:42

Tgt Ion:152 Resp: 345062
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.3
150 157.5 0.0 347.2

