

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065133.D
 Acq On : 10 Feb 2020 15:19
 Operator : VA/SY
 Sample : L1403-06
 Misc : 10.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-13.5-14

Quant Time: Feb 11 08:27:37 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	423997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	710134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	749459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	364320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	213366	59.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.42%	
35) Dibromofluoromethane	7.92	113	223179	56.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.66%	
50) Toluene-d8	10.34	98	870442	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
62) 4-Bromofluorobenzene	12.64	95	334957	67.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.06%	

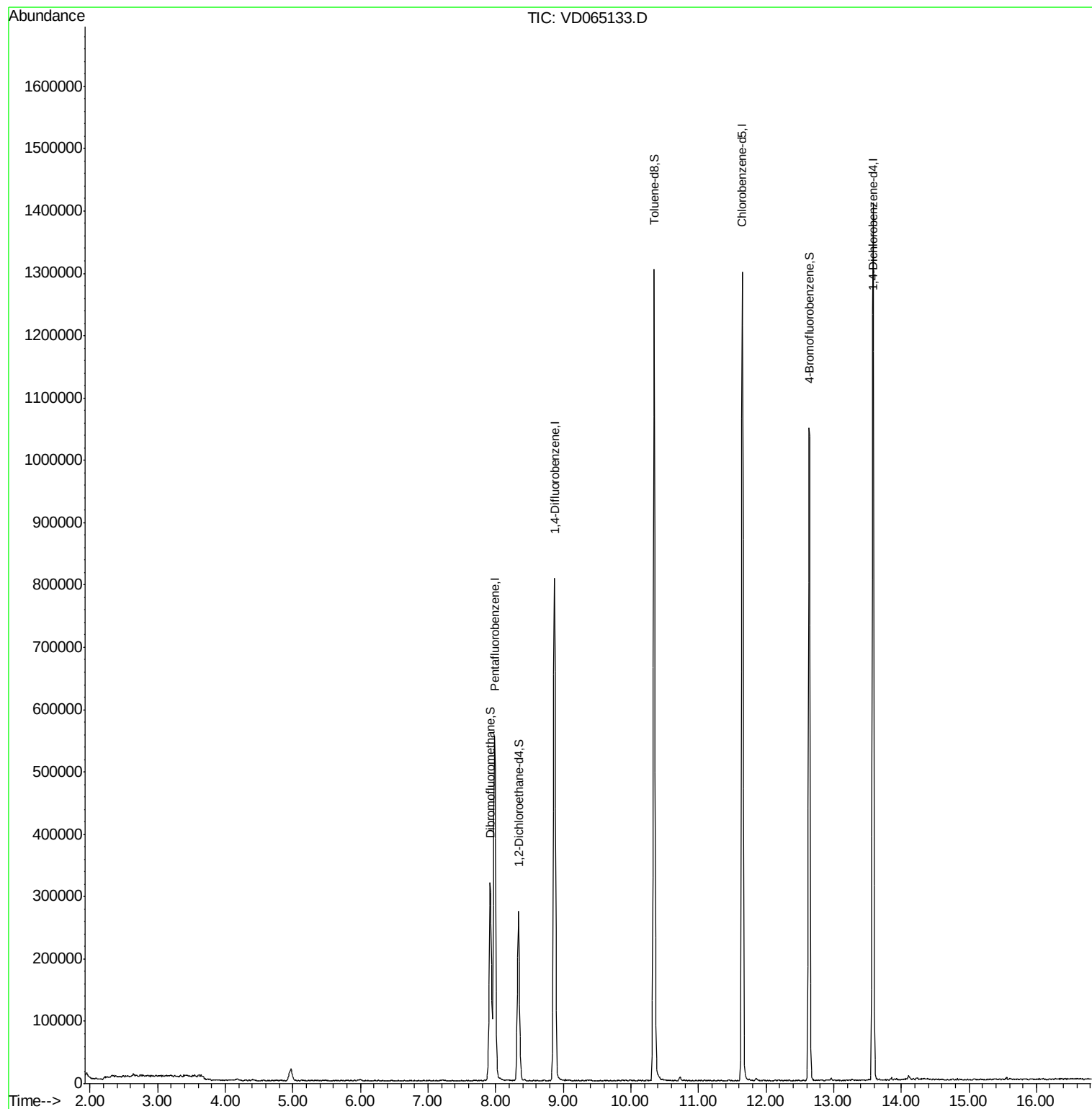
Target Compounds	Qvalue
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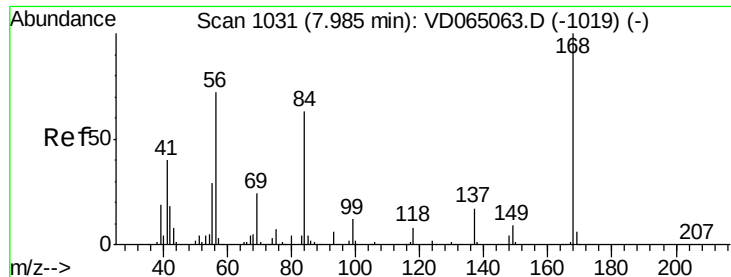
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065133.D

Acq: 10 Feb 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

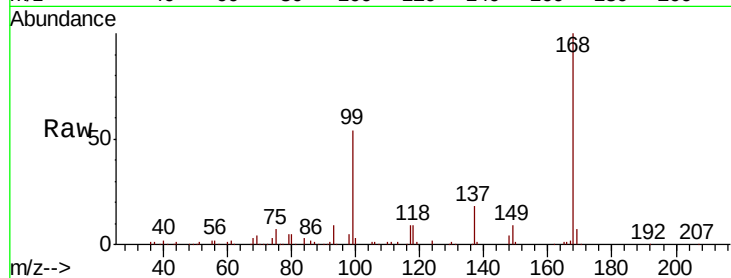
SB-6-13.5-14

Tot Ion:168 Resp: 423997

Ion Ratio Lower Upper

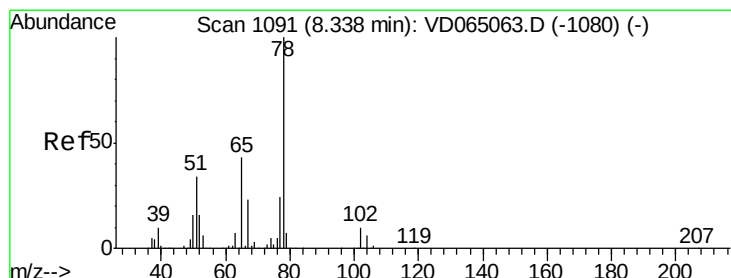
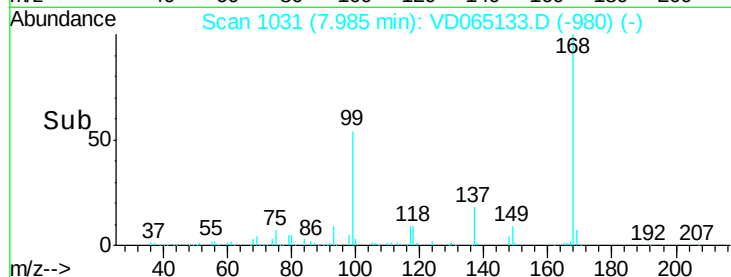
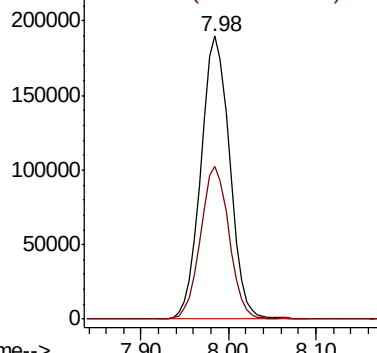
168 100

99 54.1 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: 59.209 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065133.D

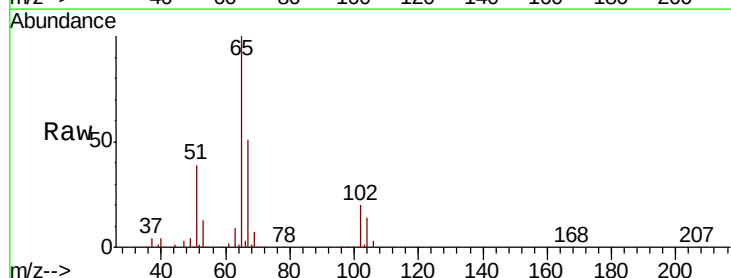
Acq: 10 Feb 2020 15:19

Tgt Ion: 65 Resp: 213366

Ion Ratio Lower Upper

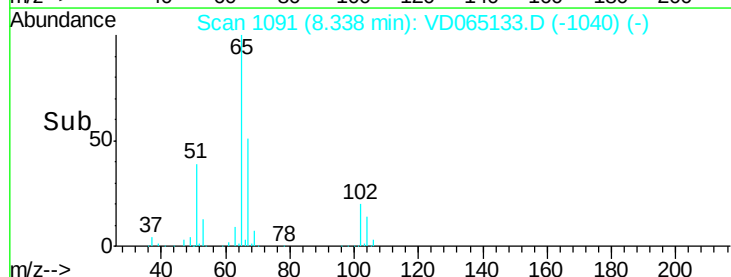
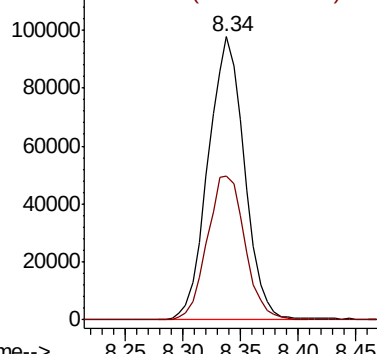
65 100

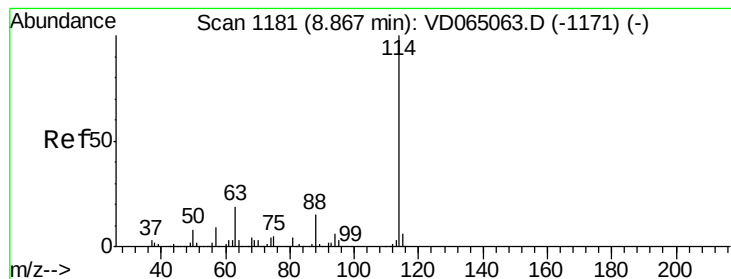
67 52.8 0.0 105.8



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# 1182

Delta R.T. 0.01 min

Lab File: VD065133.D

Acq: 10 Feb 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

SB-6-13.5-14

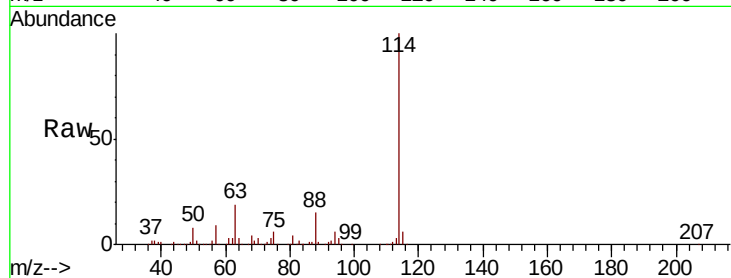
Tot Ion:114 Resp: 710134

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.8

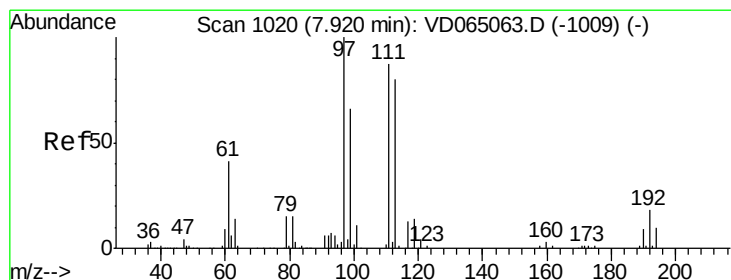
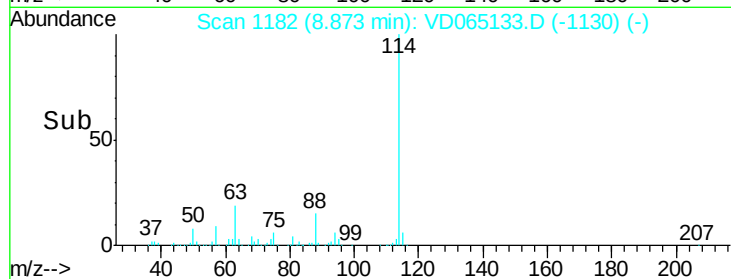
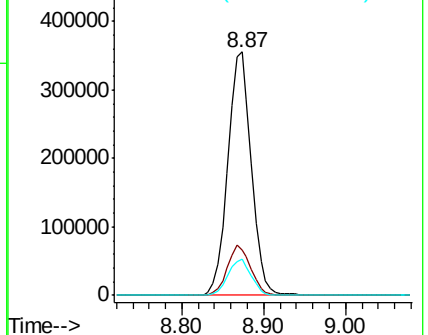
88 15.0 0.0 29.6



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: 56.328 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065133.D

Acq: 10 Feb 2020 15:19

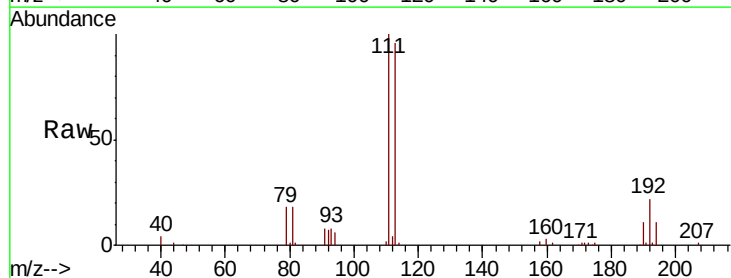
Tgt Ion:113 Resp: 223179

Ion Ratio Lower Upper

113 100

111 103.1 83.1 124.7

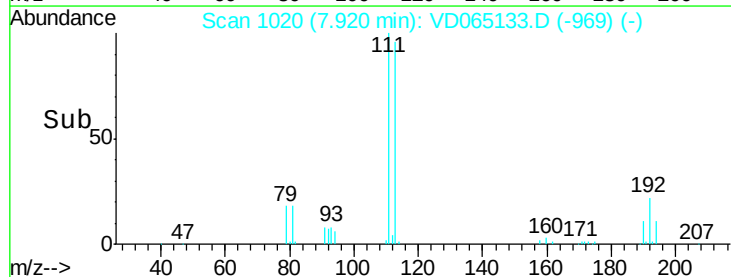
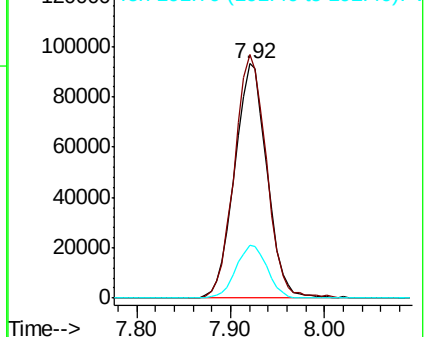
192 21.9 18.1 27.1

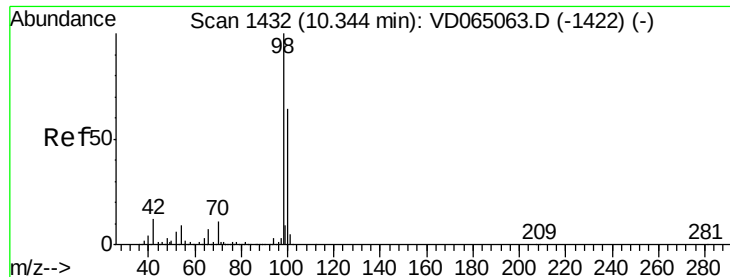


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

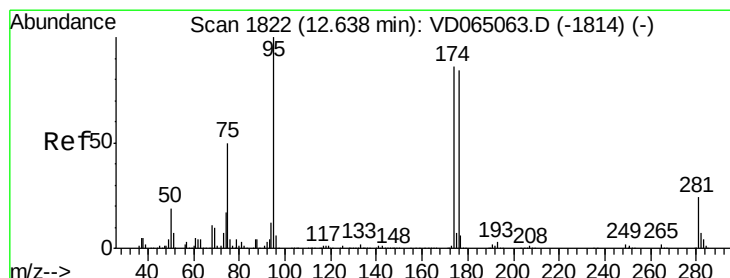
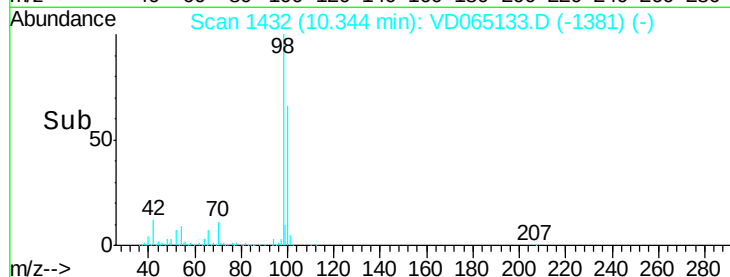
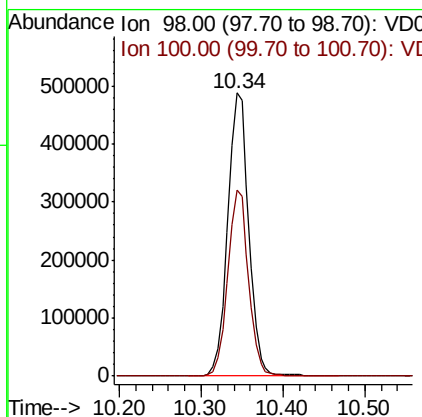
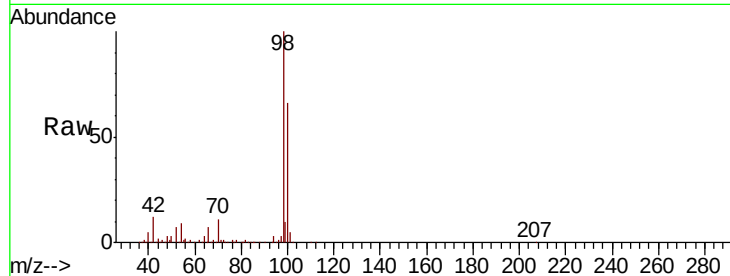




#50
Toluene-d8
Concen: 55.195 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065133.D
Acq: 10 Feb 2020 15:19

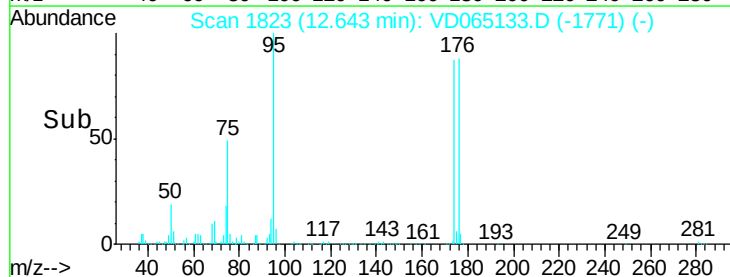
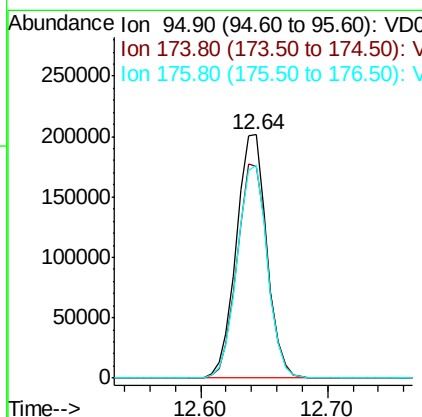
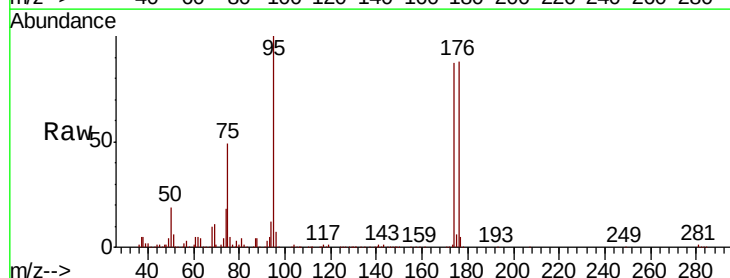
Instrument :
MSVOA_D
ClientSampleId :
SB-6-13.5-14

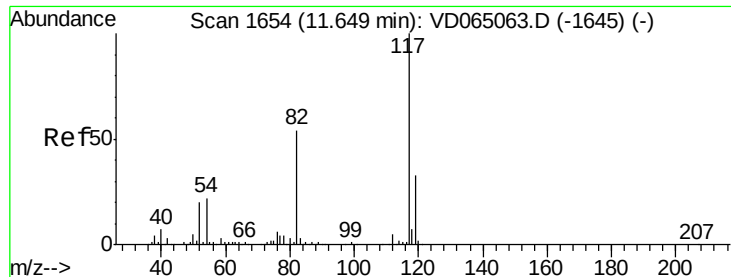
Tot Ion: 98 Resp: 870442
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 67.031 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065133.D
Acq: 10 Feb 2020 15:19

Tgt Ion: 95 Resp: 334957
Ion Ratio Lower Upper
95 100
174 88.1 0.0 180.0
176 86.5 0.0 173.2

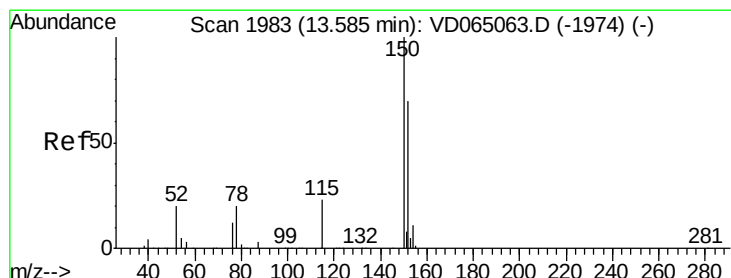
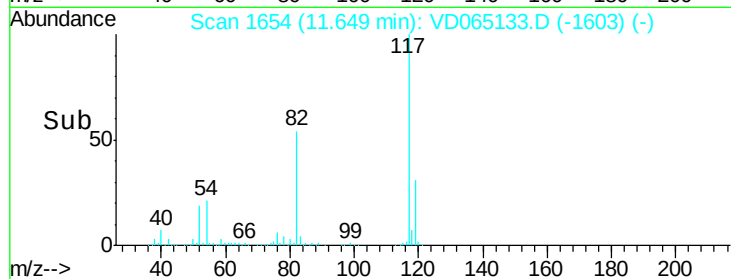
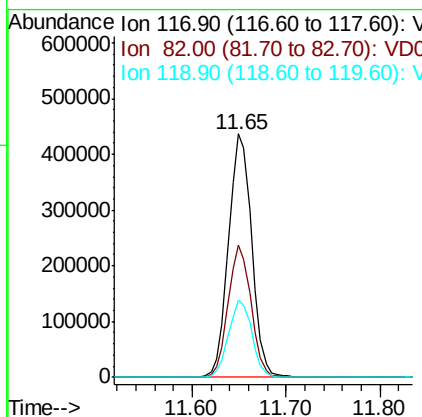
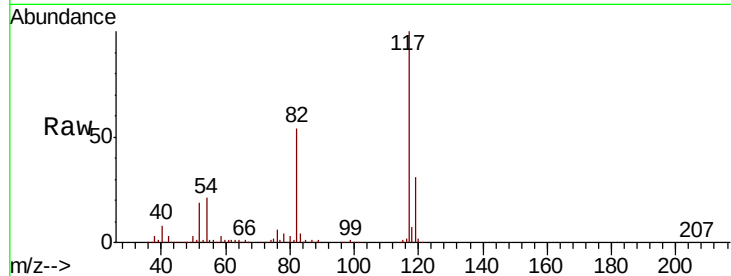




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065133.D
Acq: 10 Feb 2020 15:19

Instrument :
MSVOA_D
ClientSampleId :
SB-6-13.5-14

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.1	64.7
119	31.5	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: VD065133.D
Acq: 10 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	27.5	82.4
150	160.1	0.0	343.2

