

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065079.D
 Acq On : 06 Feb 2020 11:28
 Operator : VA/SY
 Sample : VD0206SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0206SBL01

Quant Time: Feb 07 06:16:57 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	7.99	168	519080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	853130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	862491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	421019	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	262883	59.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.18%	
35) Dibromofluoromethane	7.92	113	267391	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	
50) Toluene-d8	10.34	98	1044377	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
62) 4-Bromofluorobenzene	12.64	95	375953	62.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.24%	

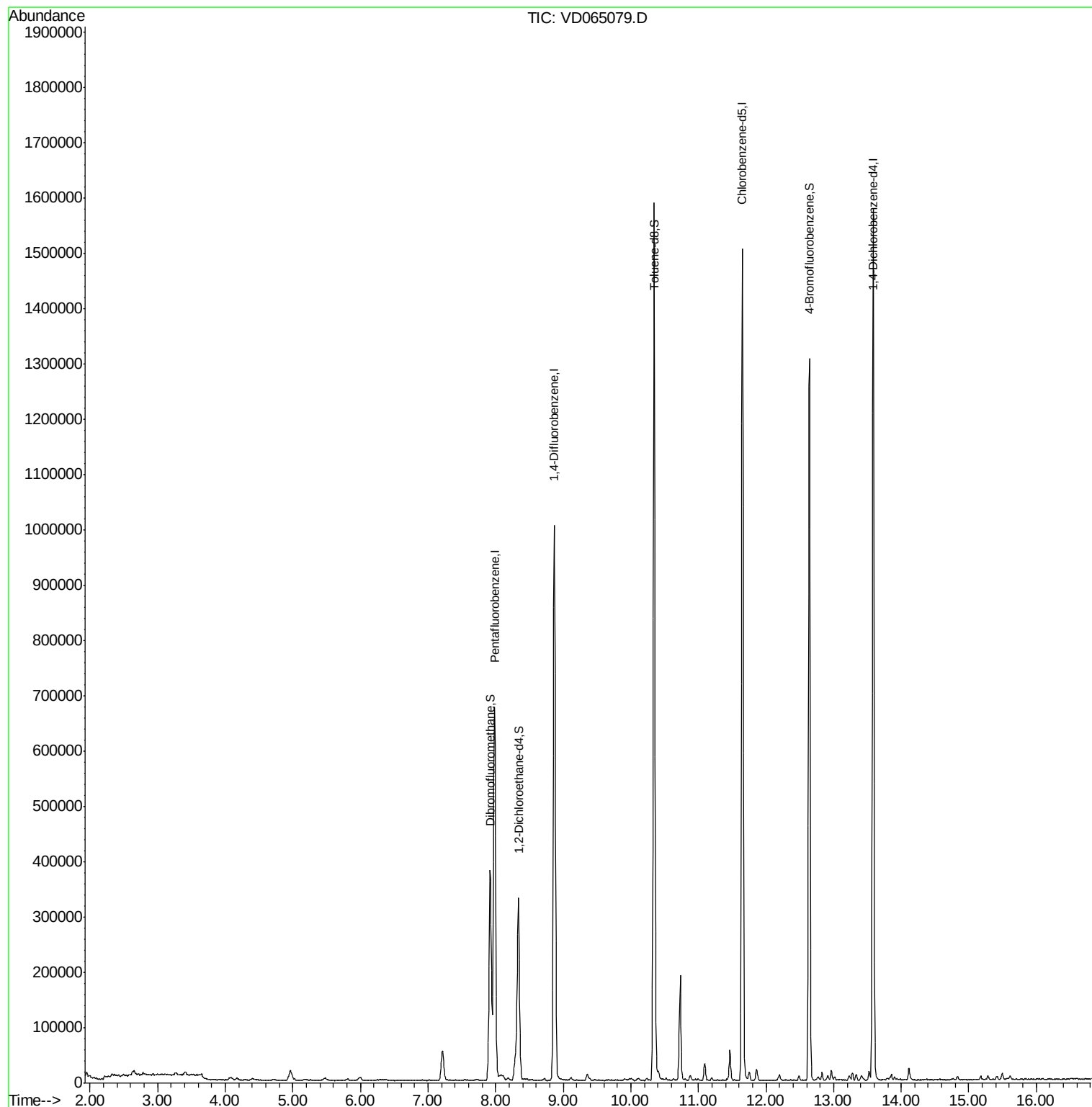
Target Compounds	Qvalue

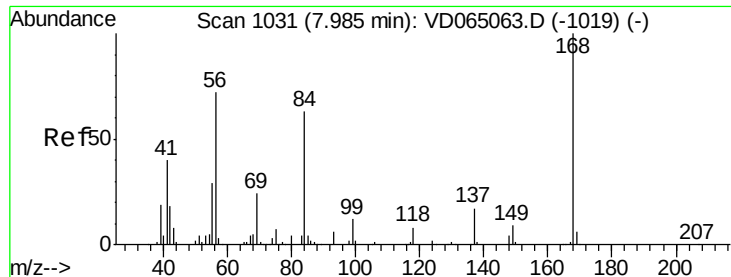
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065079.D

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Instrument :

MSVOA_D

ClientSampleId :

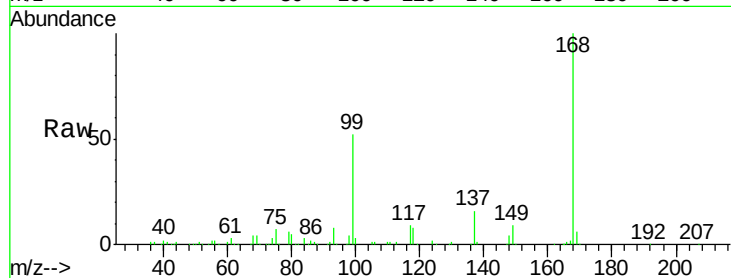
VD0206SBL01

Tot Ion:168 Resp: 519080

Ion Ratio Lower Upper

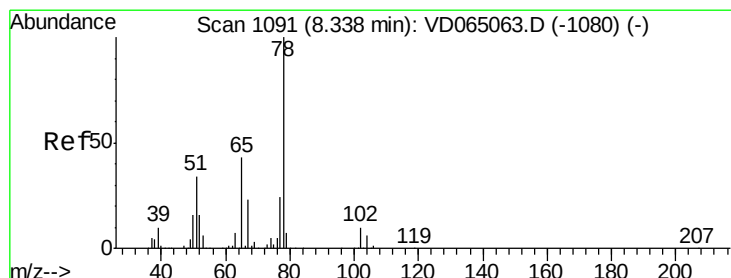
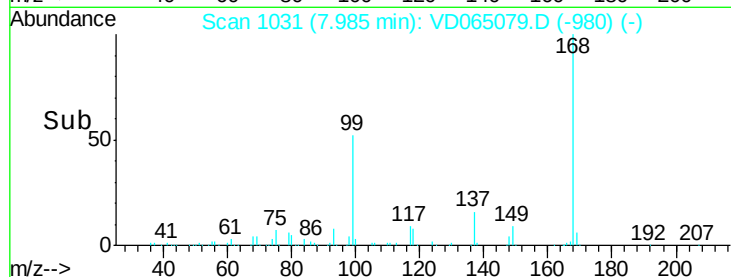
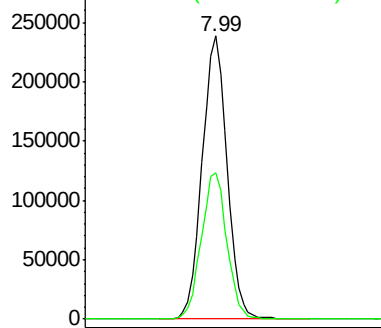
168 100

99 51.7 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: 59.587 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065079.D

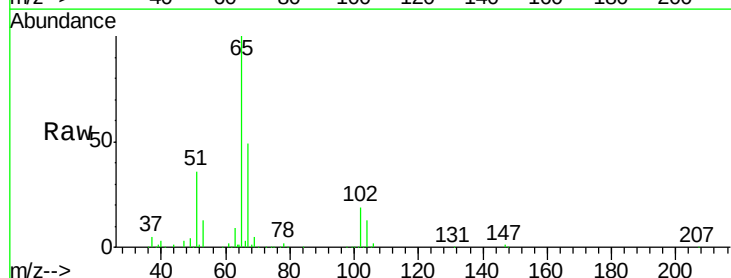
Acq: 06 Feb 2020 11:28

Tgt Ion: 65 Resp: 262883

Ion Ratio Lower Upper

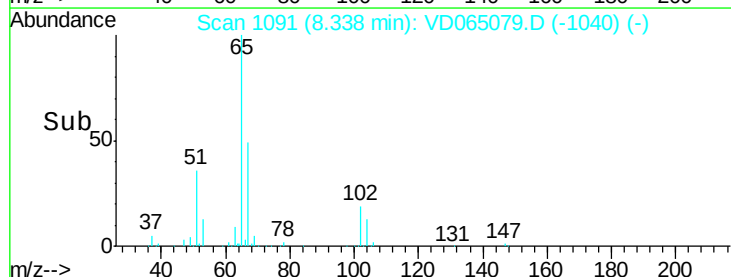
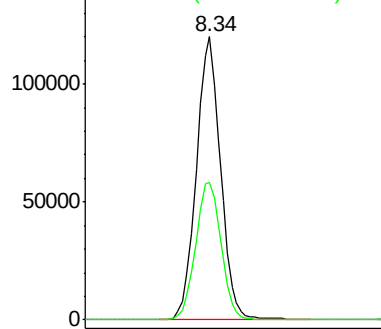
65 100

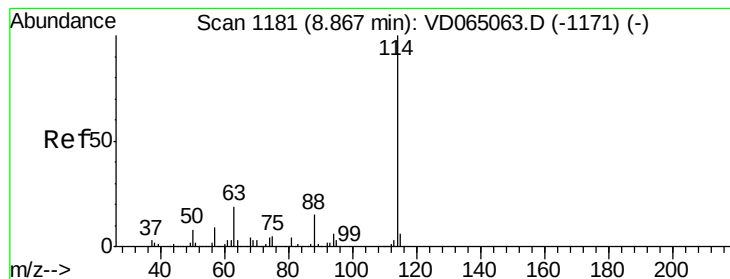
67 51.2 0.0 105.8



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: VD065079.D

Acq: 06 Feb 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0206SBL01

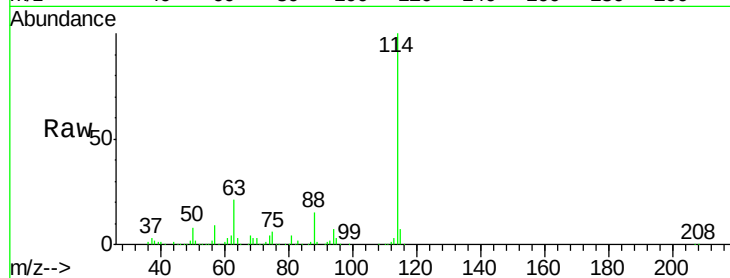
Tot Ion:114 Resp: 853130

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

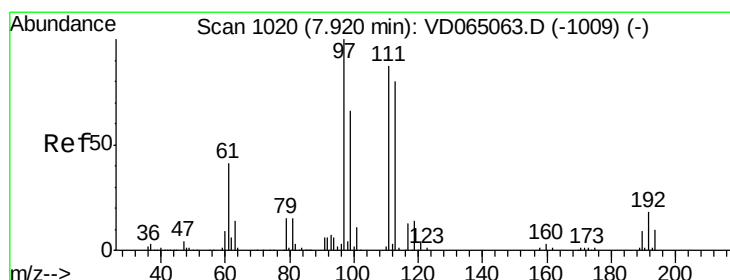
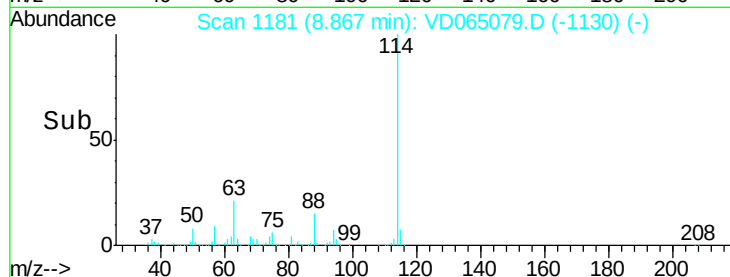
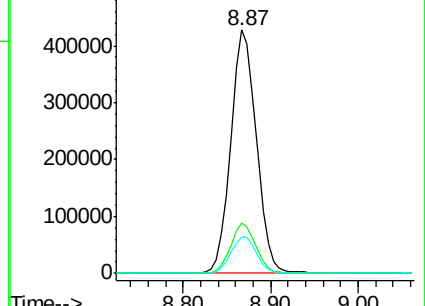
88 14.7 0.0 29.6



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: 56.175 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065079.D

Acq: 06 Feb 2020 11:28

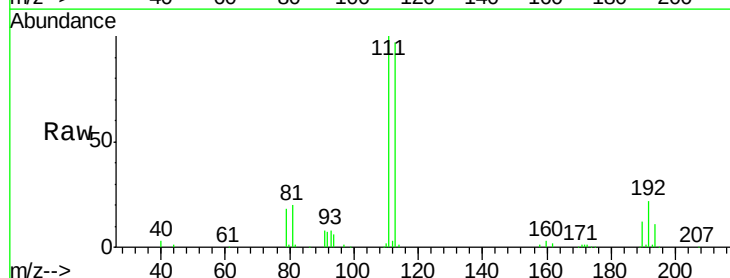
Tgt Ion:113 Resp: 267391

Ion Ratio Lower Upper

113 100

111 102.4 83.1 124.7

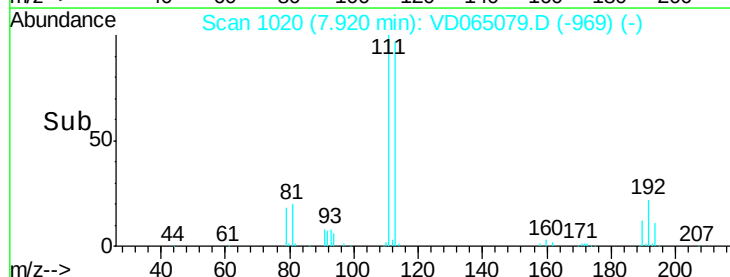
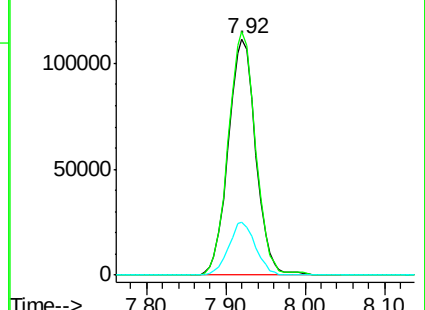
192 21.8 18.1 27.1

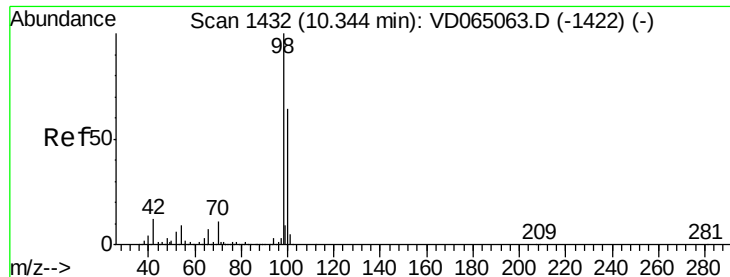


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

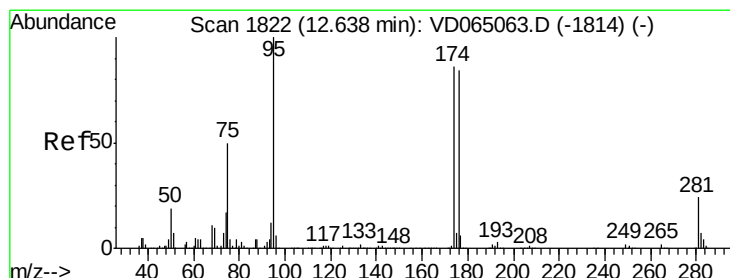
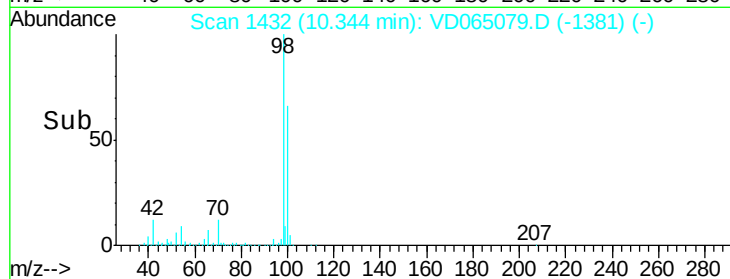
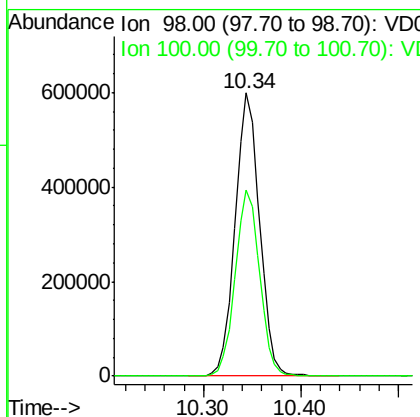
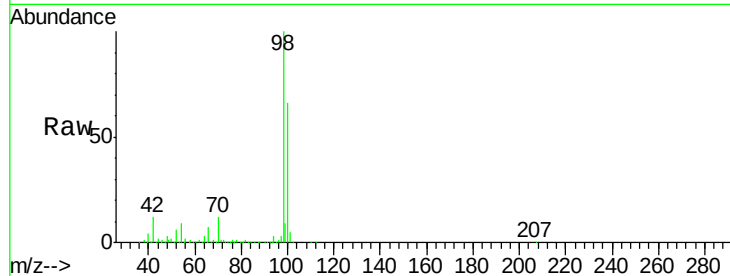




#50
Toluene-d8
Concen: 55.124 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065079.D
Acq: 06 Feb 2020 11:28

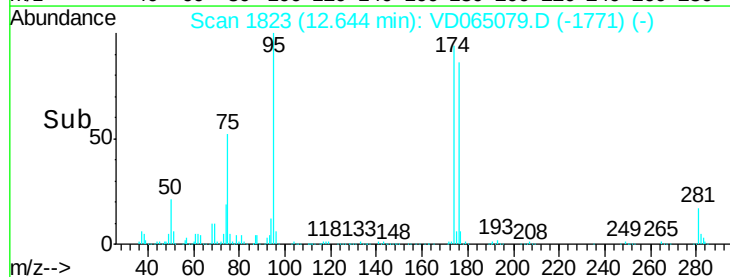
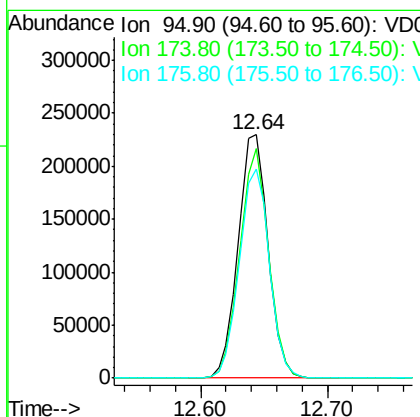
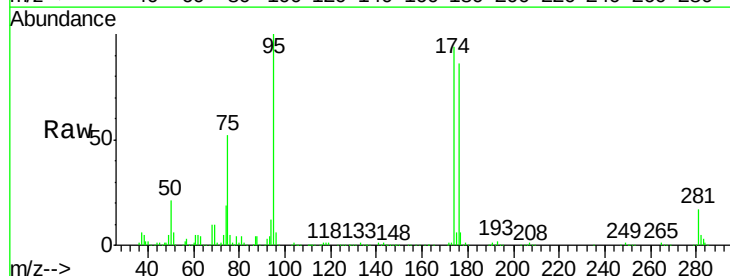
Instrument :
MSVOA_D
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VD0206SBL01

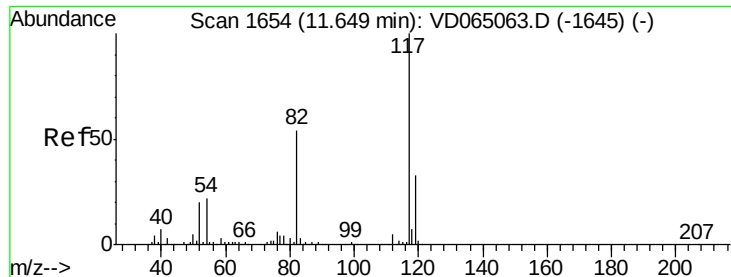
Tot Ion: 98 Resp: 1044377
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 62.625 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065079.D
Acq: 06 Feb 2020 11:28

Tgt Ion: 95 Resp: 375953
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.0
176 86.5 0.0 173.2

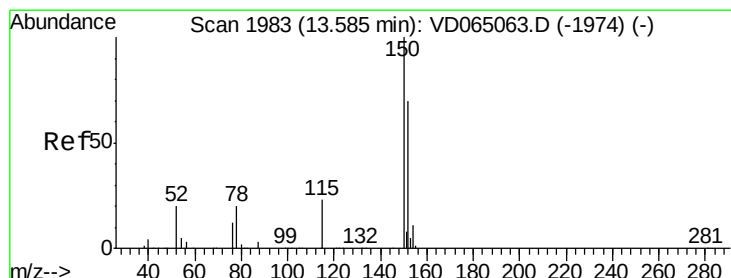
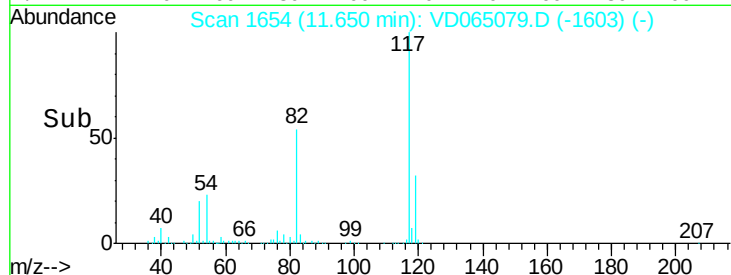
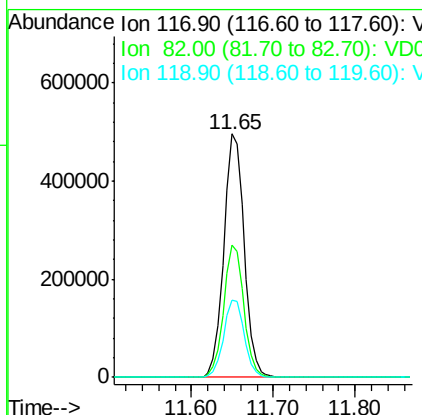
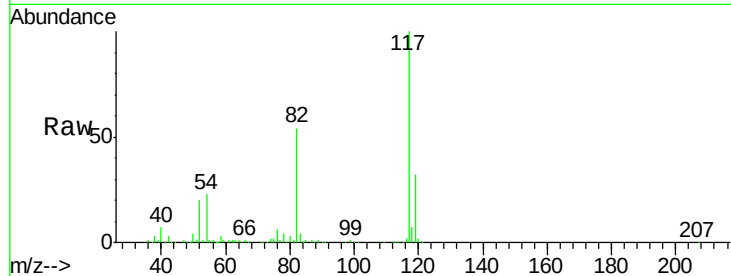




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065079.D
Acq: 06 Feb 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0206SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.1	64.7
119	31.9	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: VD065079.D
Acq: 06 Feb 2020 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.5	82.4
150	157.0	0.0	343.2

