

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100219\
 Data File : VD063869.D
 Acq On : 02 Oct 2019 20:02
 Operator : VA/SY
 Sample : VD1002SBL03
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBL03

Quant Time: Oct 03 04:35:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	190001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	322113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	308025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149060	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	91472	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.92	113	88046	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	
50) Toluene-d8	10.34	98	364939	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	
62) 4-Bromofluorobenzene	12.63	95	117773	42.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.84%	

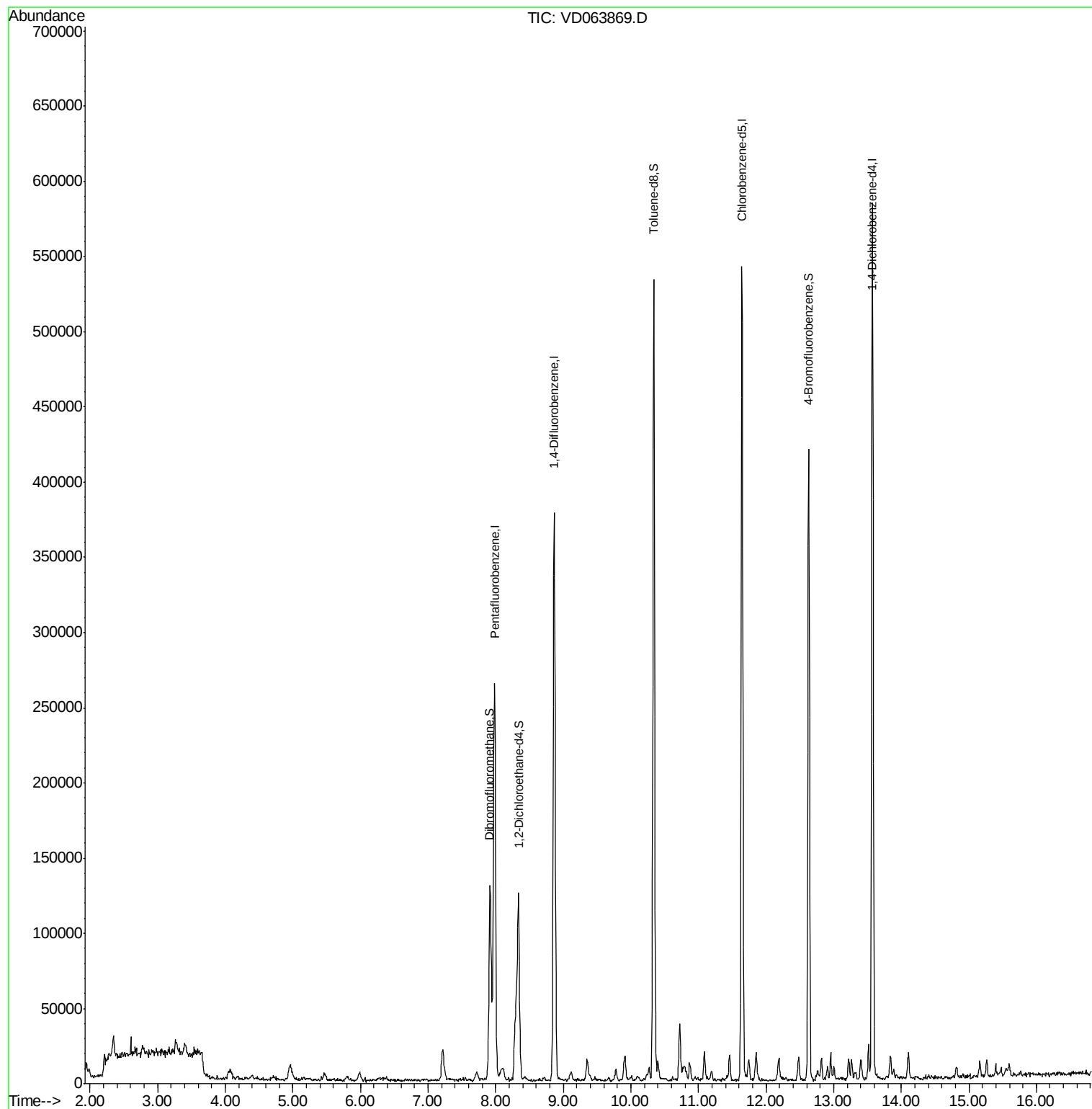
Target Compounds	Qvalue
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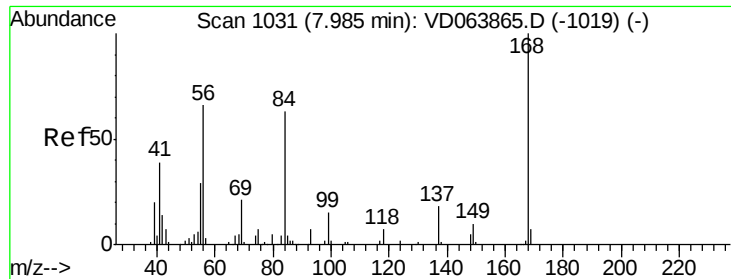
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063869.D

Acq: 02 Oct 2019 20:02

Instrument :

MSVOA_D

ClientSampleId :

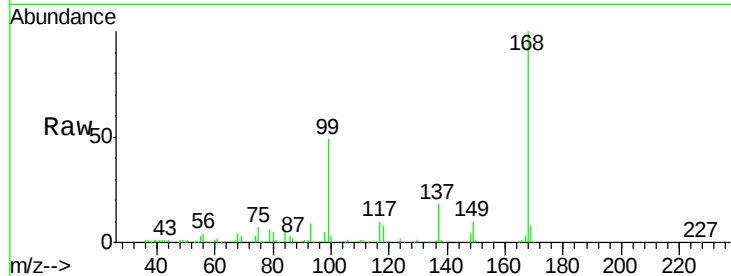
VD1002SBL03

Tot Ion:168 Resp: 190001

Ion Ratio Lower Upper

168 100

99 49.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

80000

60000

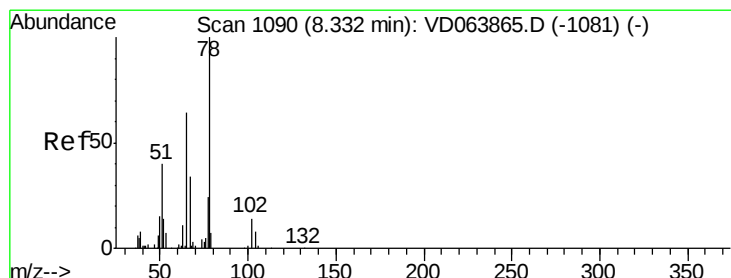
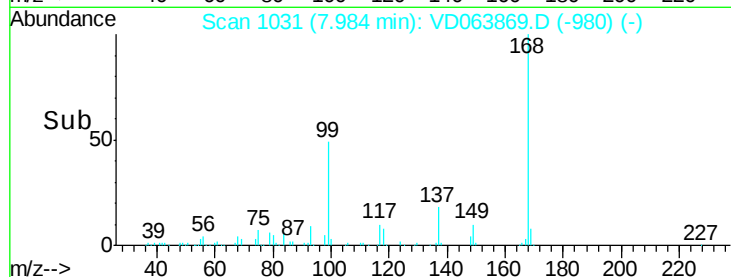
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.450 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063869.D

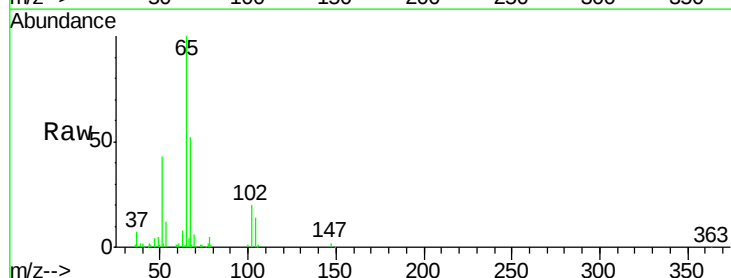
Acq: 02 Oct 2019 20:02

Tgt Ion: 65 Resp: 91472

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

30000

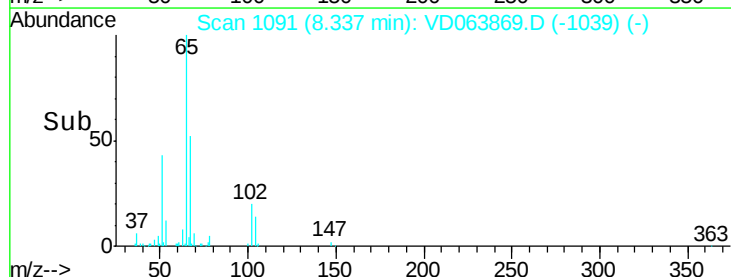
20000

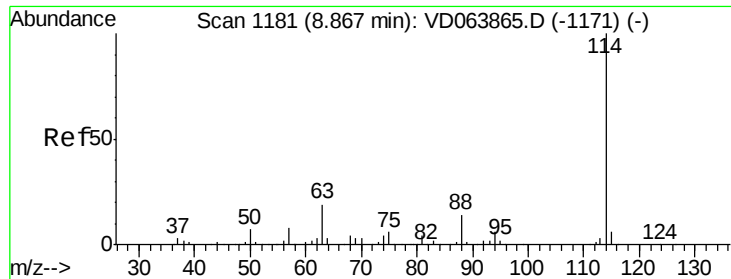
10000

0

8.30 8.40

Time-->

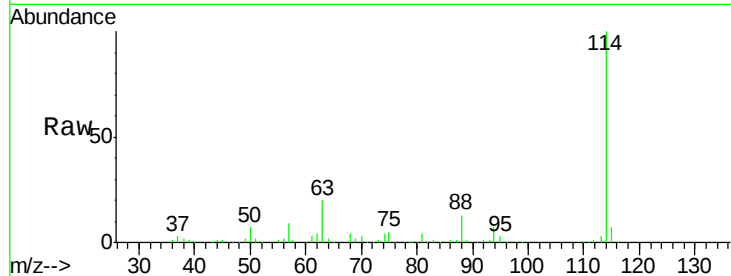




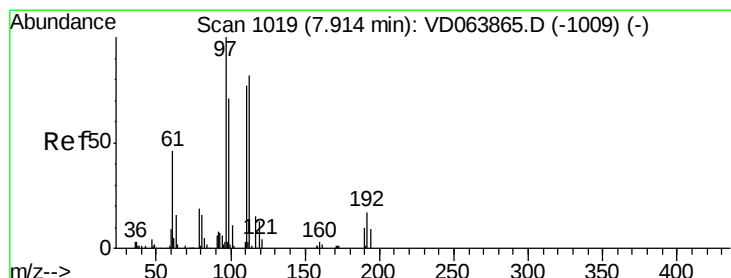
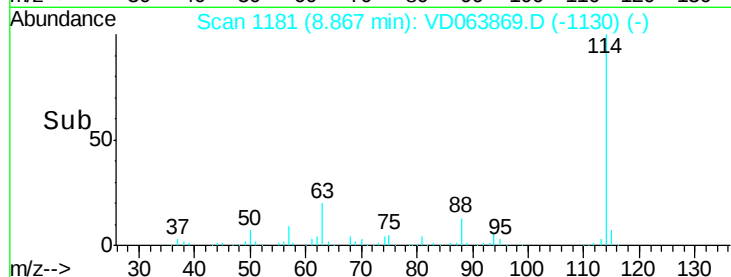
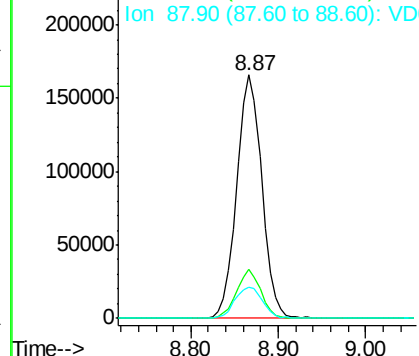
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063869.D
 Acq: 02 Oct 2019 20:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBL03

Tot Ion:114 Resp: 322113
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 12.9 0.0 27.4

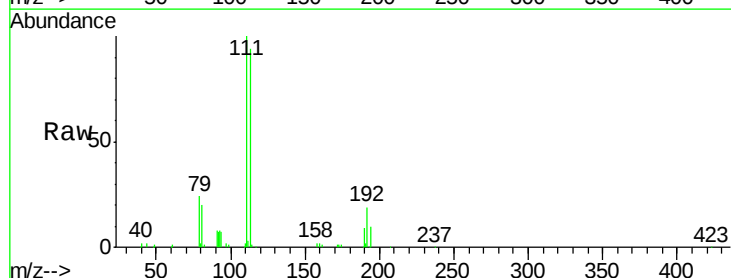


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

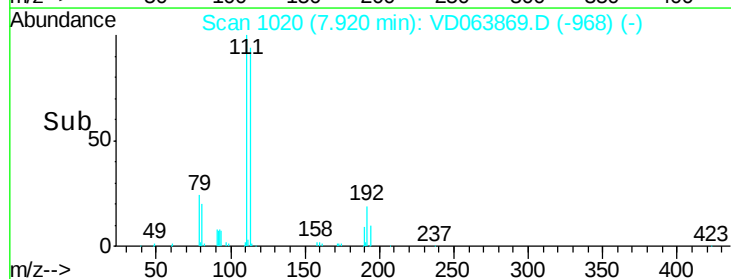
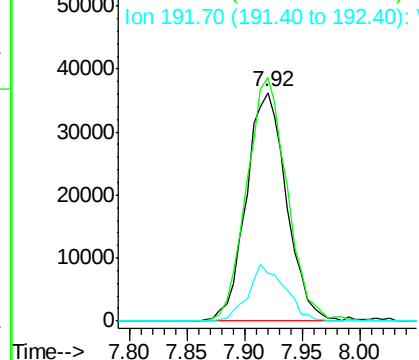


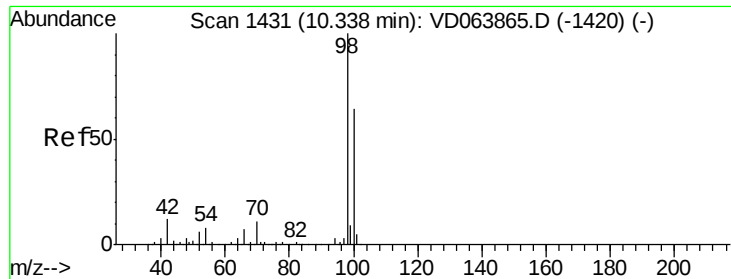
#35
 Dibromofluoromethane
 Concen: 44.727 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063869.D
 Acq: 02 Oct 2019 20:02

Tgt Ion:113 Resp: 88046
 Ion Ratio Lower Upper
 113 100
 111 106.7 82.6 123.8
 192 22.4 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

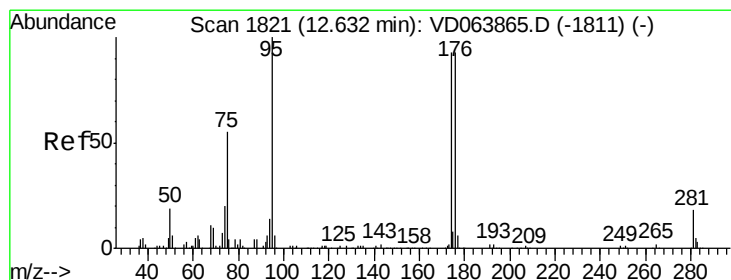
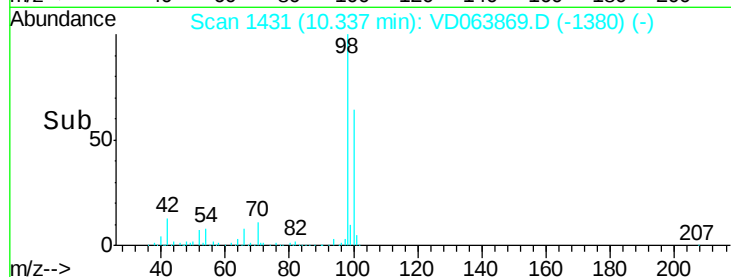
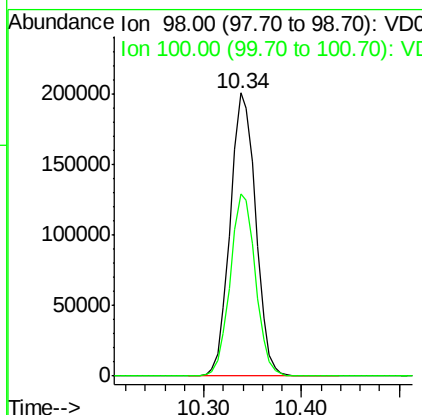
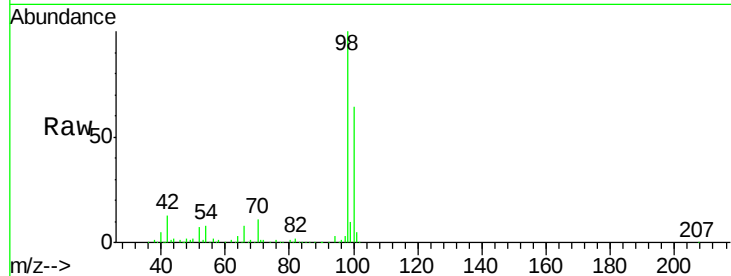




#50
Toluene-d8
Concen: 45.675 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

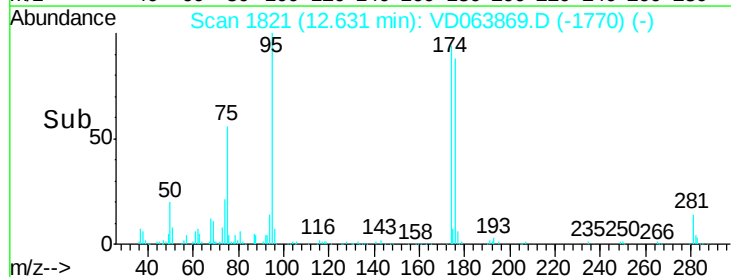
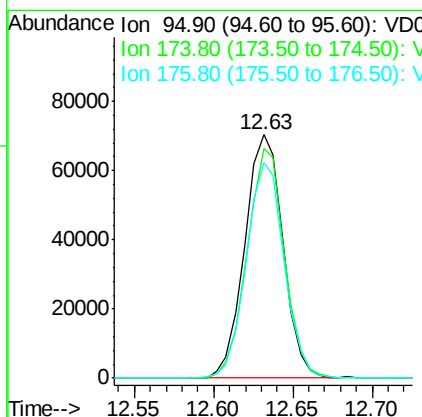
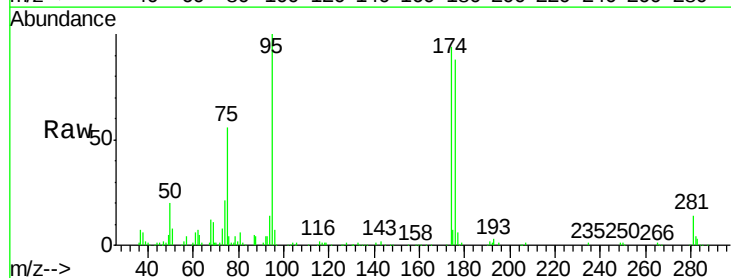
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

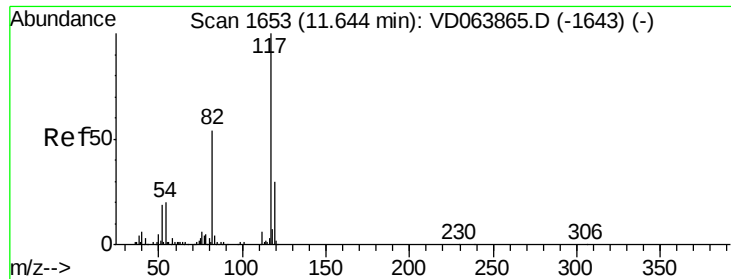
Tot Ion: 98 Resp: 364939
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.418 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion: 95 Resp: 117773
Ion Ratio Lower Upper
95 100
174 92.2 0.0 186.4
176 87.4 0.0 184.2

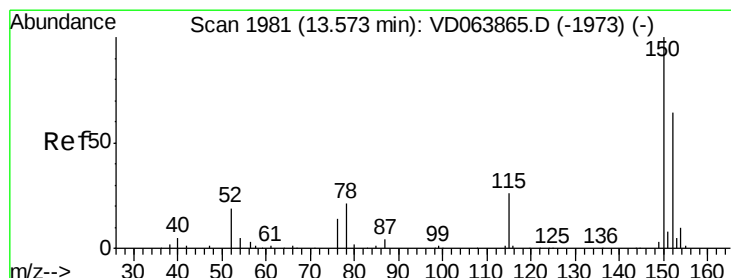
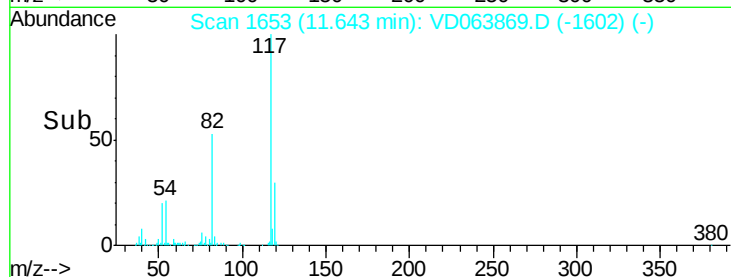
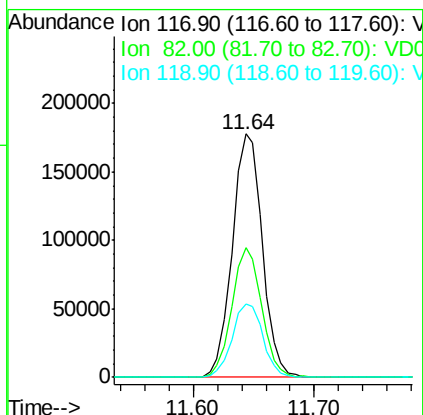
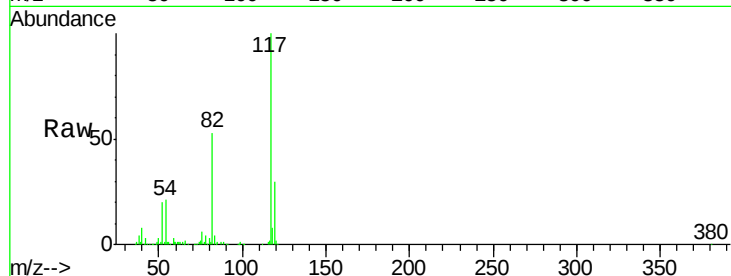




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL03

Tot Ion:117 Resp: 308025
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 30.0 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VD063869.D
Acq: 02 Oct 2019 20:02

Tgt Ion:152 Resp: 149060
Ion Ratio Lower Upper
152 100
115 54.1 25.9 77.7
150 153.6 0.0 344.2

