

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063923.D
 Acq On : 10 Oct 2019 21:21
 Operator : VA/SY
 Sample : K5298-02
 Misc : 6.04G/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

Quant Time: Oct 11 08:34:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	159209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	294136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	287776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	135000	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	88326	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	
35) Dibromofluoromethane	7.92	113	90196	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.34	98	378264	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.63	95	111603	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	

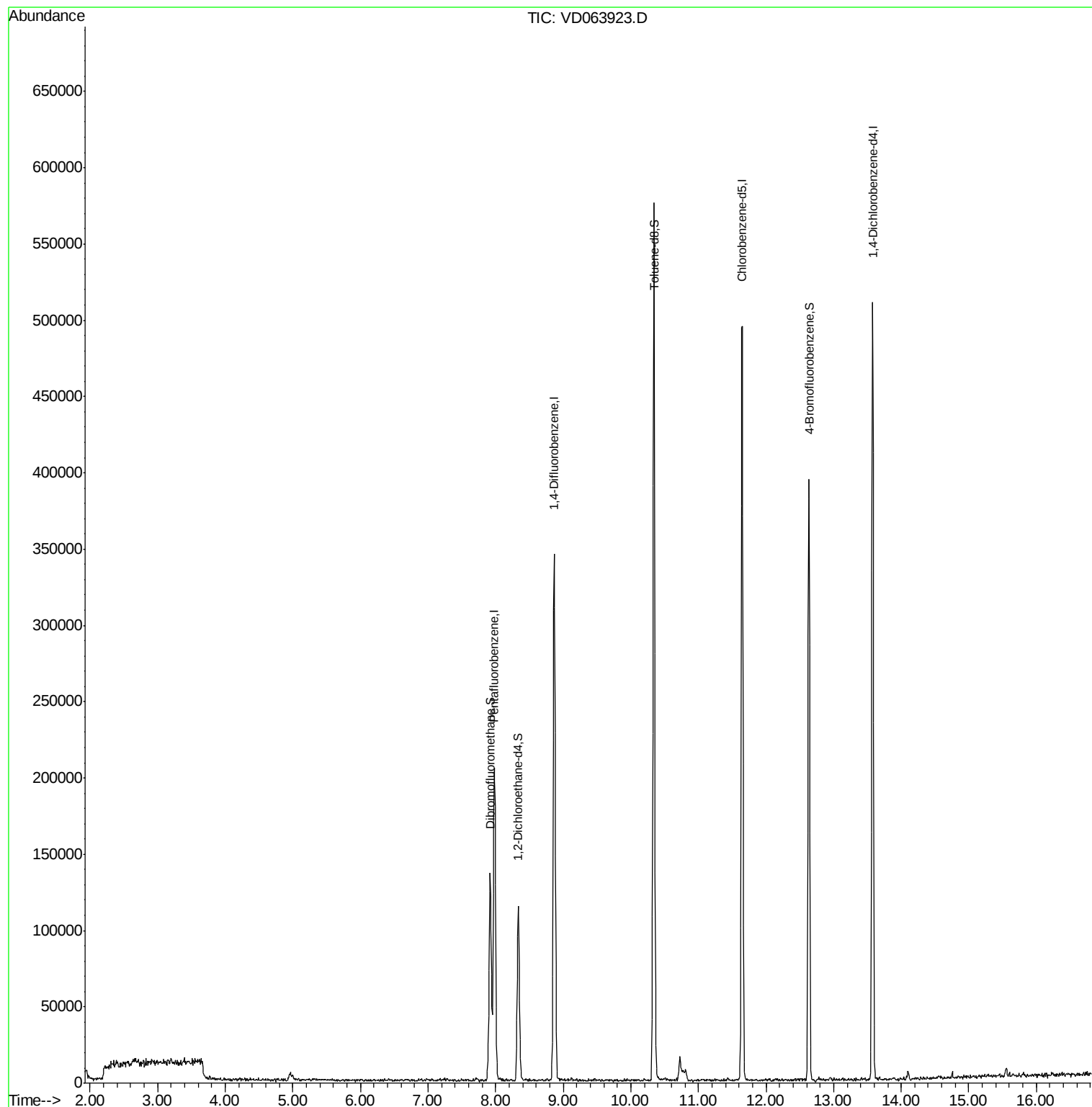
Target Compounds	Qvalue

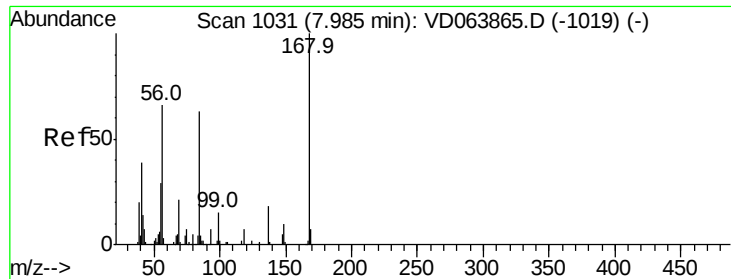
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063923.D

Acq: 10 Oct 2019 21:21

Instrument :

MSVOA_D

ClientSampleId :

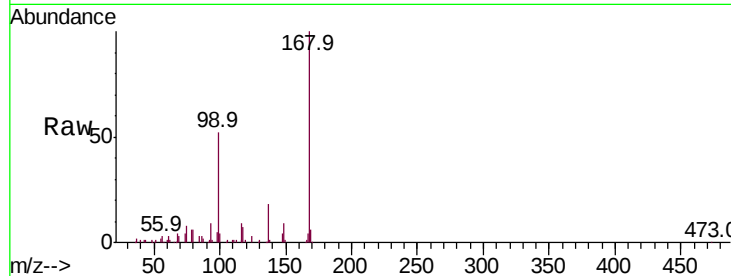
TP-8

Tot Ion:168 Resp: 159209

Ion Ratio Lower Upper

168 100

99 51.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

80000

60000

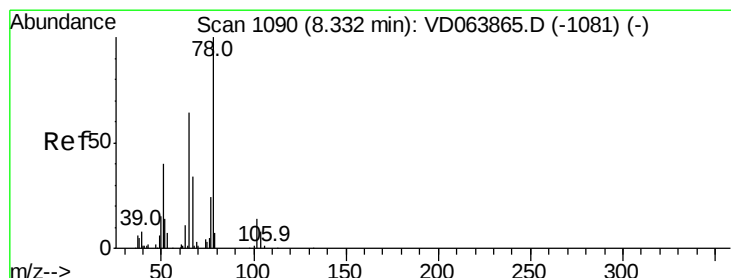
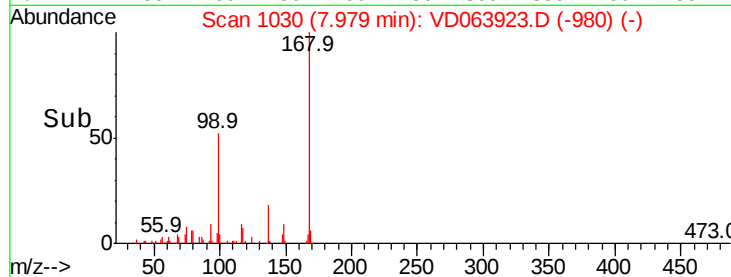
40000

20000

0

7.98

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.984 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063923.D

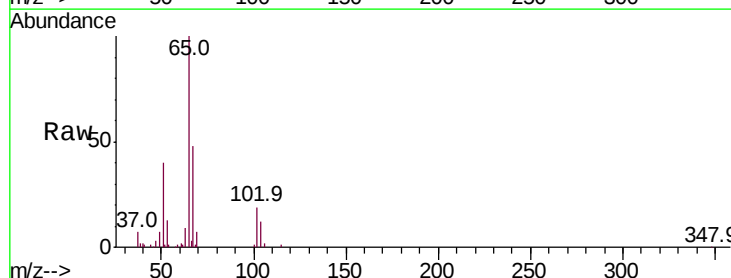
Acq: 10 Oct 2019 21:21

Tgt Ion: 65 Resp: 88326

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

40000

30000

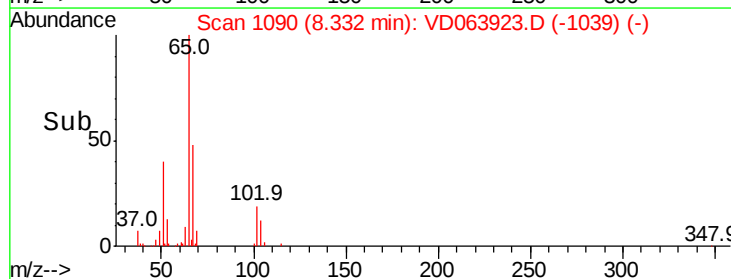
20000

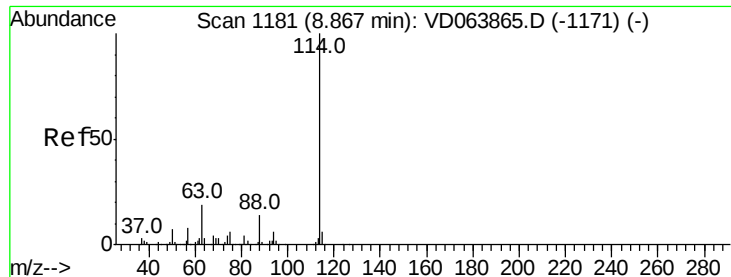
10000

0

8.33

Time-->

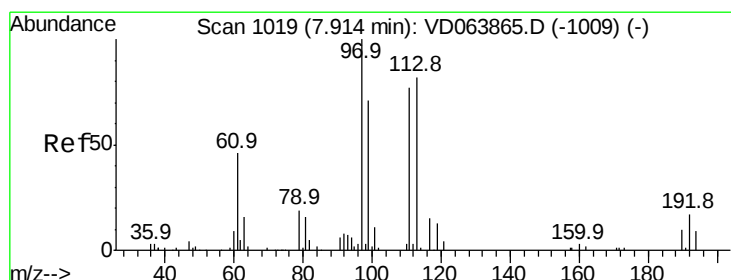
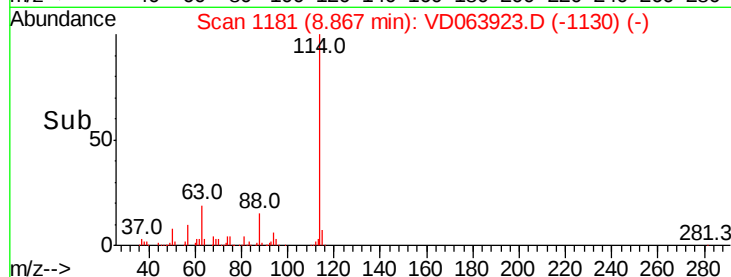
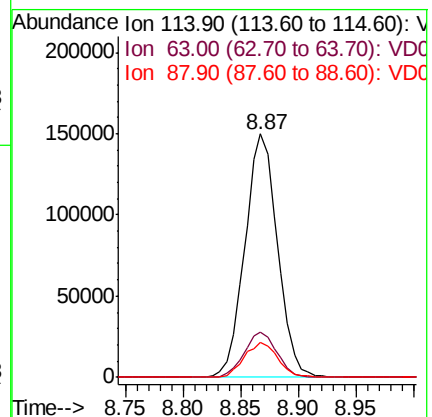
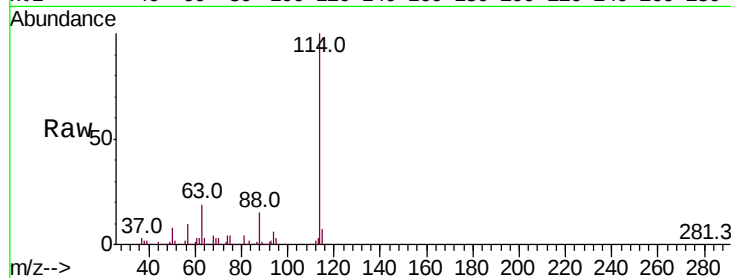




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063923.D
Acq: 10 Oct 2019 21:21

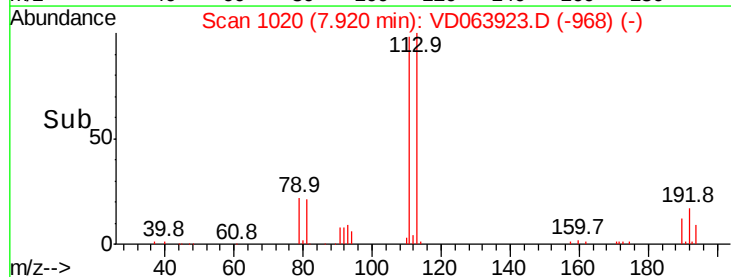
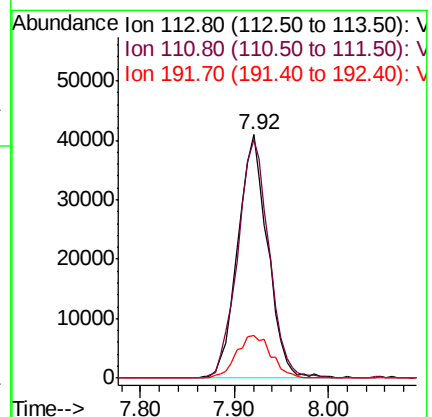
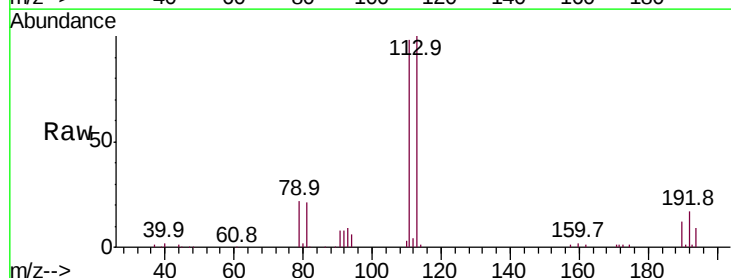
Instrument :
MSVOA_D
ClientSampleId :
TP-8

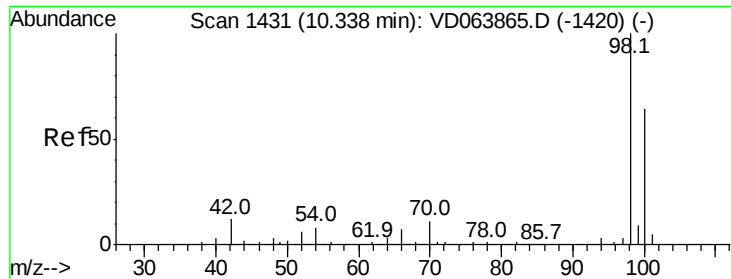
Tot Ion:114 Resp: 294136
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.4
88 14.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.177 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063923.D
Acq: 10 Oct 2019 21:21

Tgt Ion:113 Resp: 90196
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 20.4 17.1 25.7

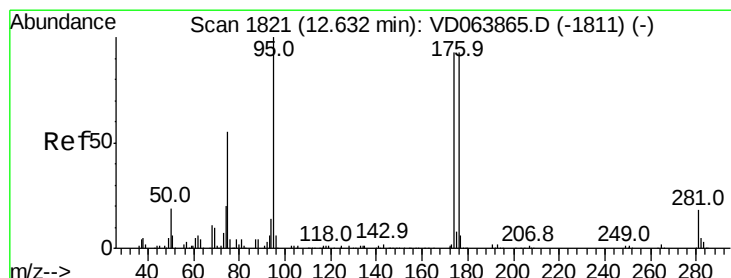
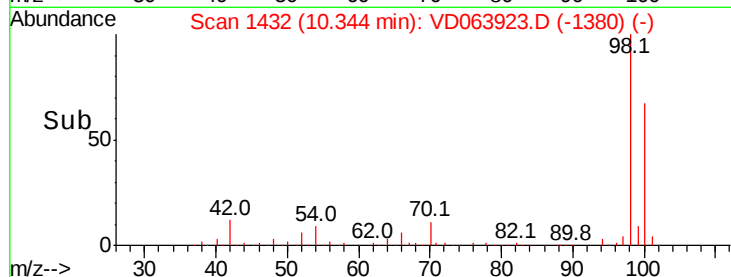
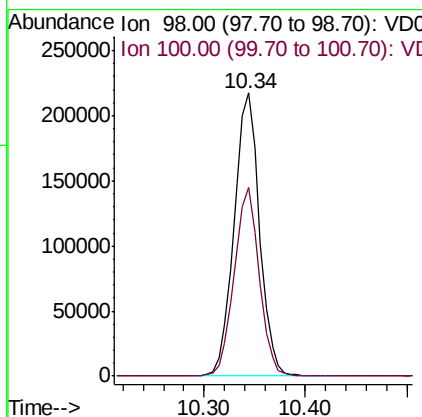
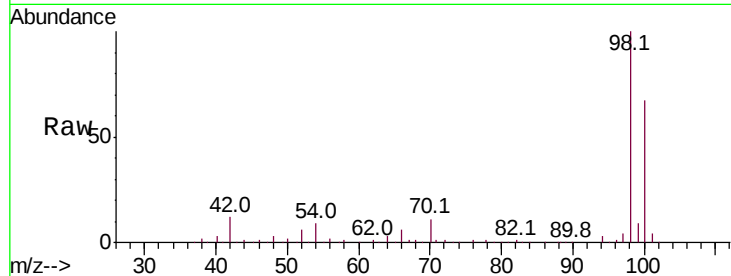




#50
Toluene-d8
Concen: 51.845 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063923.D
Acq: 10 Oct 2019 21:21

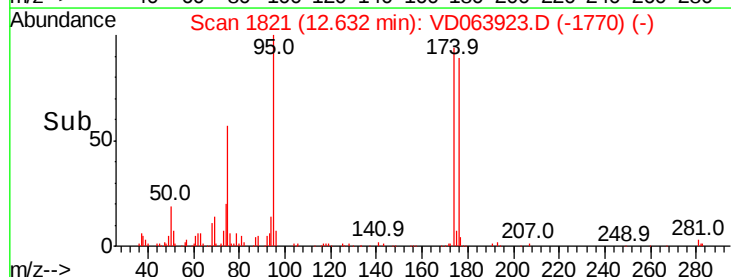
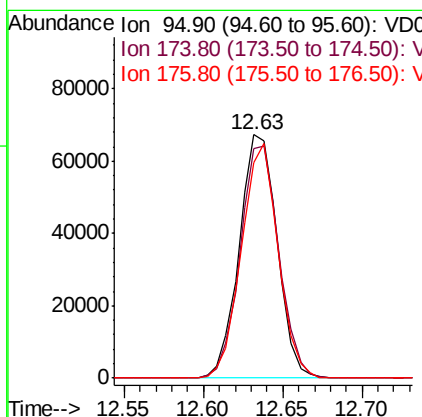
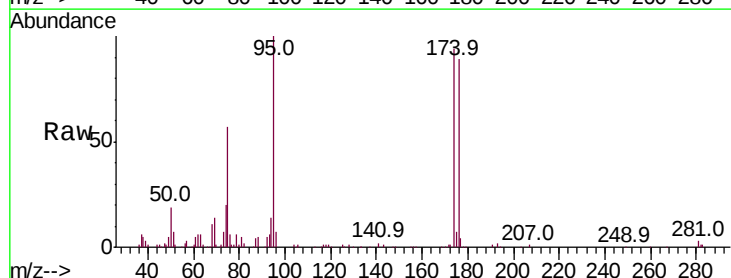
Instrument :
MSVOA_D
ClientSampleId :
TP-8

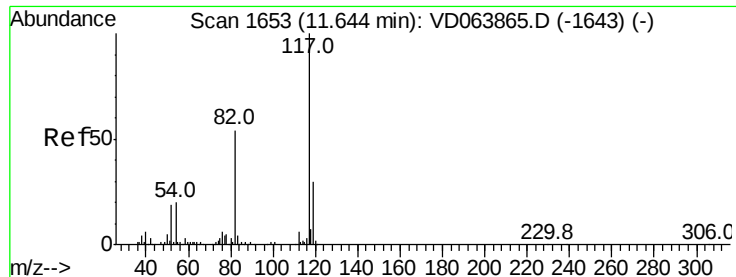
Tot Ion: 98 Resp: 378264
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.019 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063923.D
Acq: 10 Oct 2019 21:21

Tgt Ion: 95 Resp: 111603
Ion Ratio Lower Upper
95 100
174 97.4 0.0 186.4
176 93.7 0.0 184.2

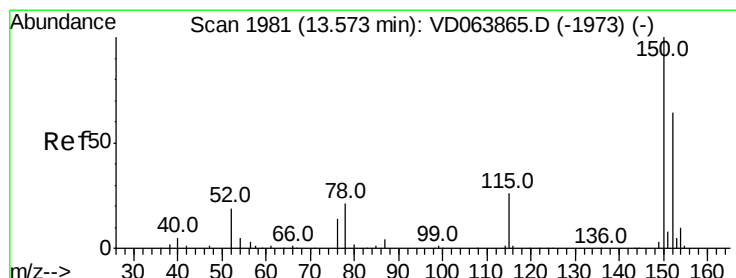
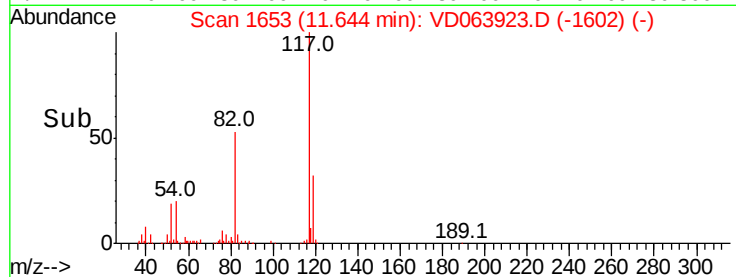
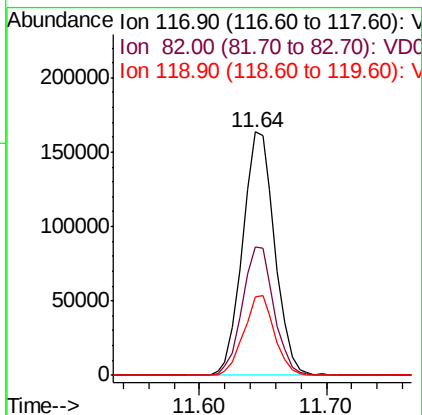
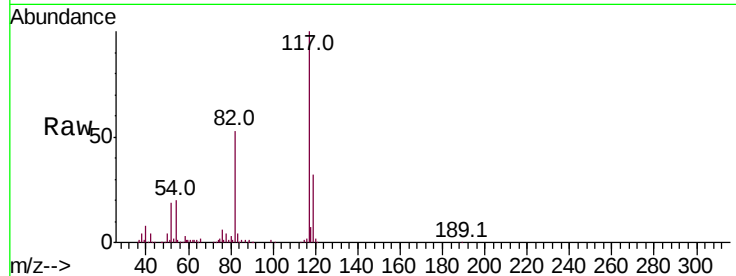




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063923.D
Acq: 10 Oct 2019 21:21

Instrument :
MSVOA_D
ClientSampleId :
TP-8

Tot Ion:117 Resp: 287776
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 32.1 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: VD063923.D
Acq: 10 Oct 2019 21:21

Tgt Ion:152 Resp: 135000
Ion Ratio Lower Upper
152 100
115 55.1 25.9 77.7
150 154.5 0.0 344.2

