

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064070.D
 Acq On : 25 Oct 2019 17:30
 Operator : VA/SY
 Sample : K5541-06
 Misc : 4.81G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 153-08-(1.1)

Quant Time: Oct 26 00:48:44 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	143777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	258974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	262199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	78681	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
35) Dibromofluoromethane	7.92	113	79891	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	10.34	98	348746	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.64	95	94767	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.90%	

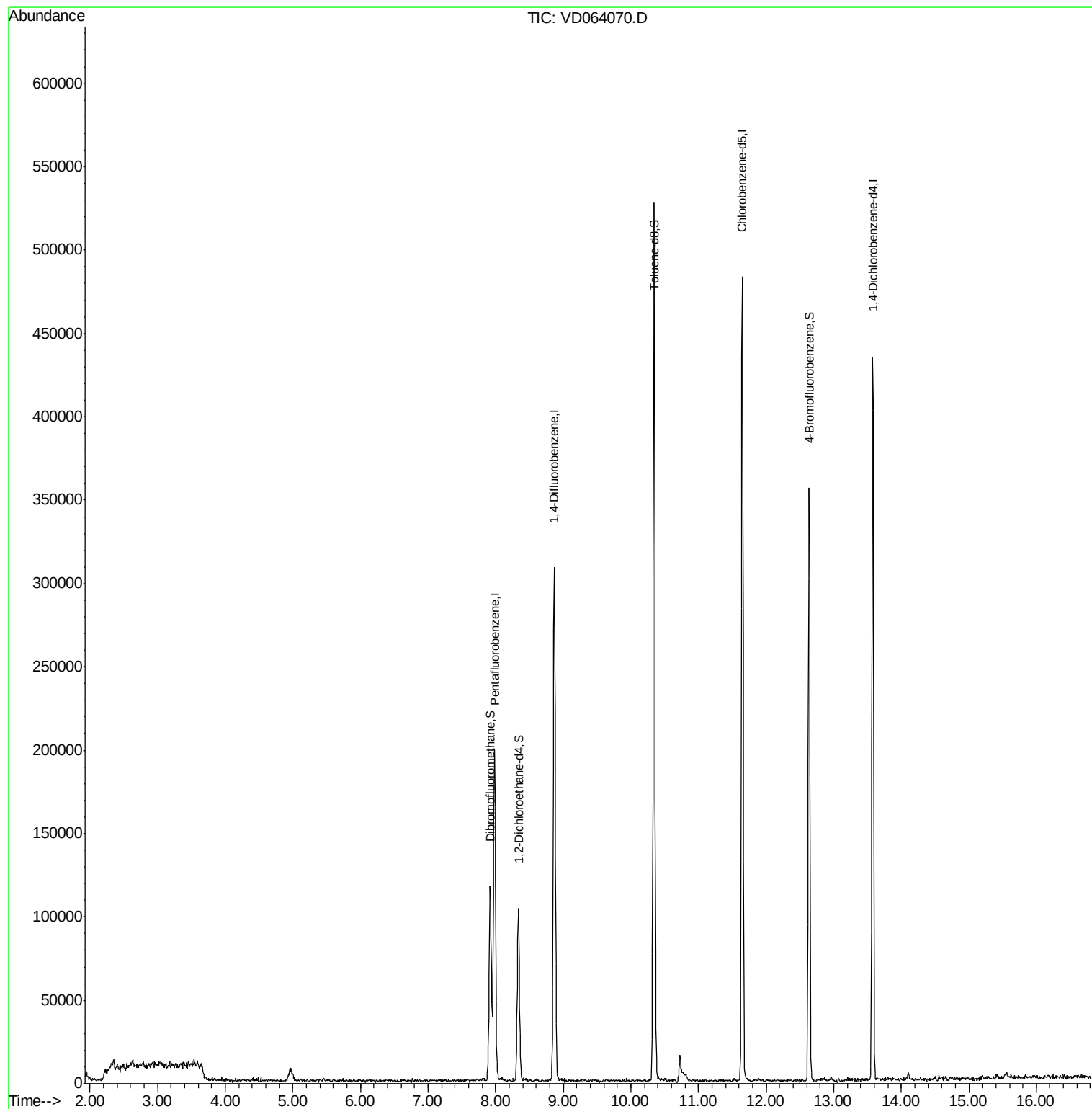
Target Compounds Qvalue

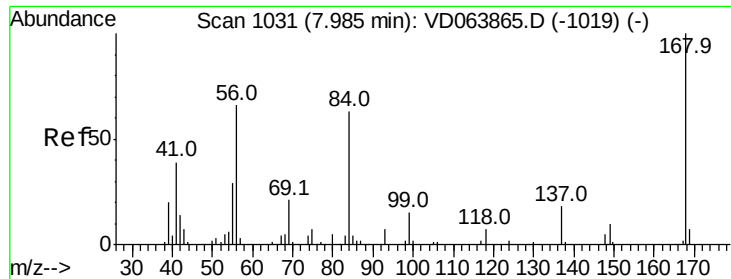
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064070.D

Acq: 25 Oct 2019 17:30

Instrument :

MSVOA_D

ClientSampleId :

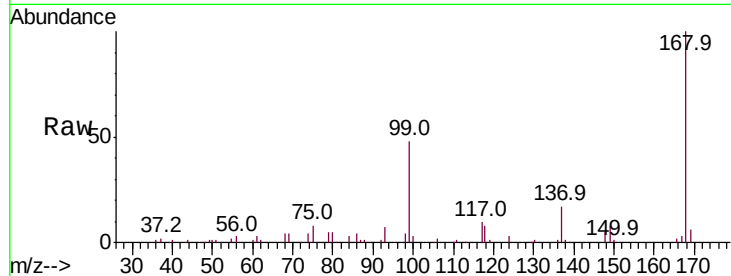
153-08-(1.1)

Tot Ion:168 Resp: 143777

Ion Ratio Lower Upper

168 100

99 47.9 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

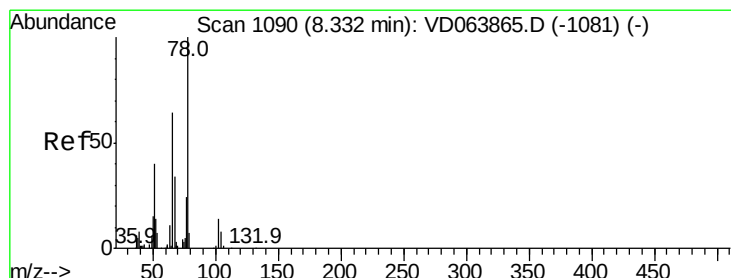
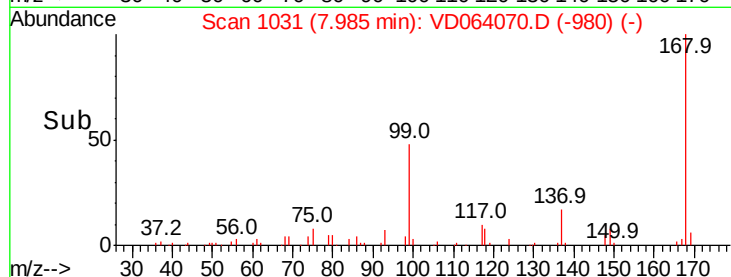
0

7.90

8.00

8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.210 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064070.D

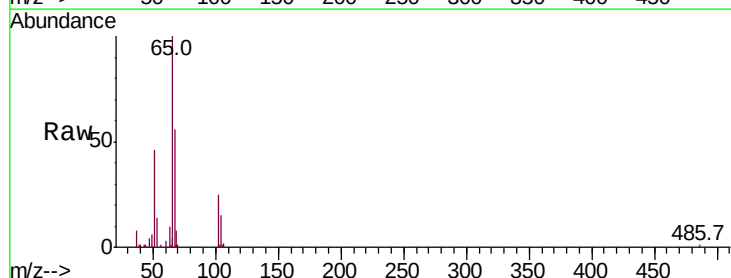
Acq: 25 Oct 2019 17:30

Tgt Ion: 65 Resp: 78681

Ion Ratio Lower Upper

65 100

67 53.3 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

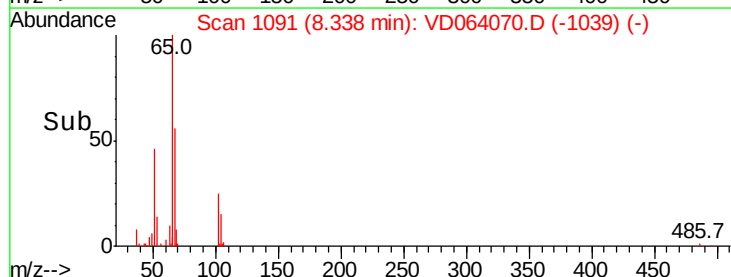
10000

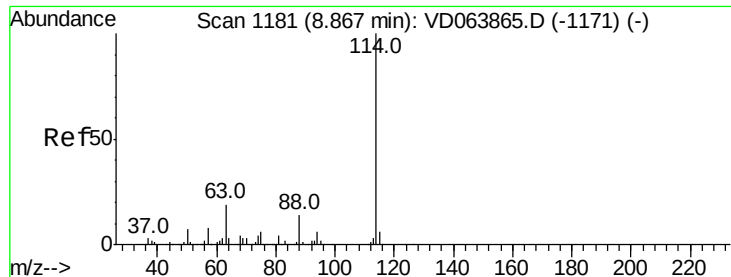
0

8.30

8.40

Time-->

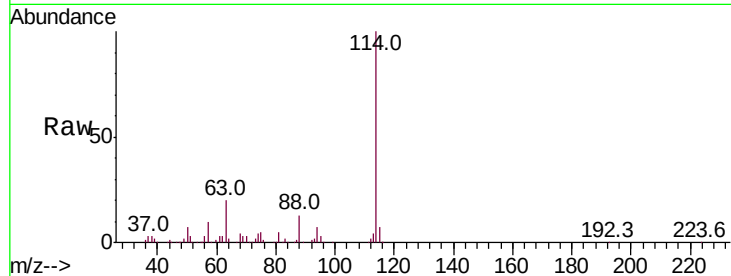




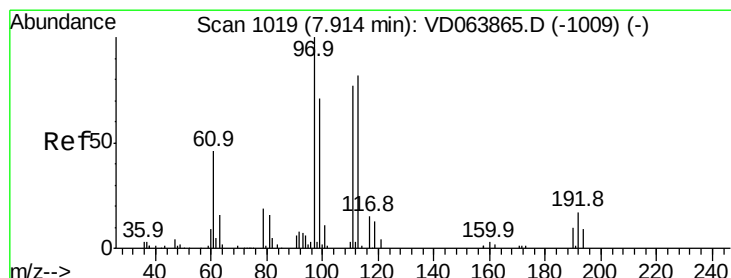
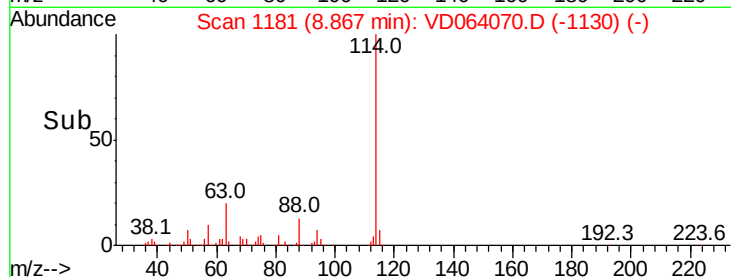
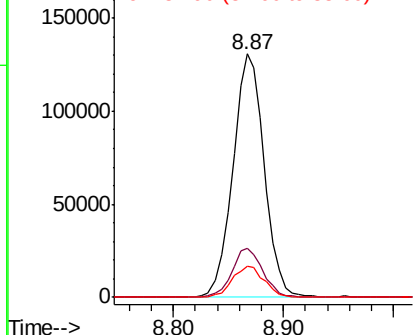
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064070.D
Acq: 25 Oct 2019 17:30

Instrument :
MSVOA_D
ClientSampleId :
153-08-(1.1)

Tot Ion:114 Resp: 258974
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.4
88 12.6 0.0 27.4

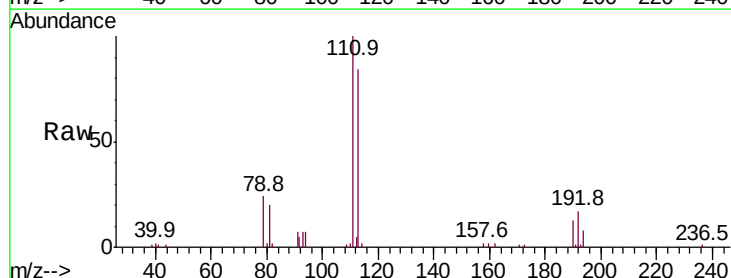


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

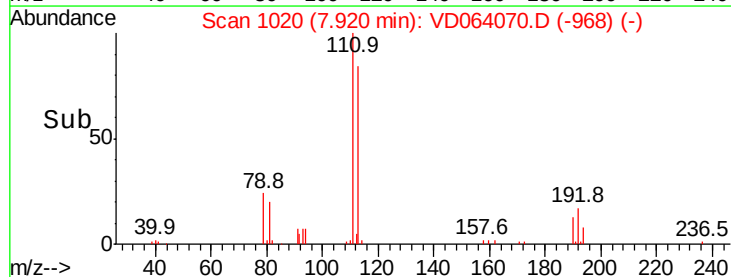
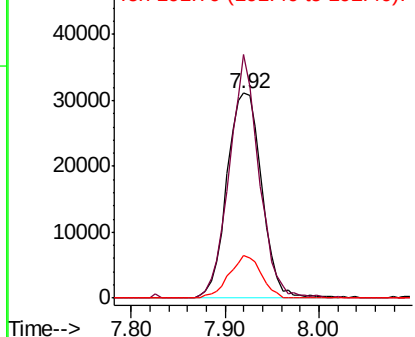


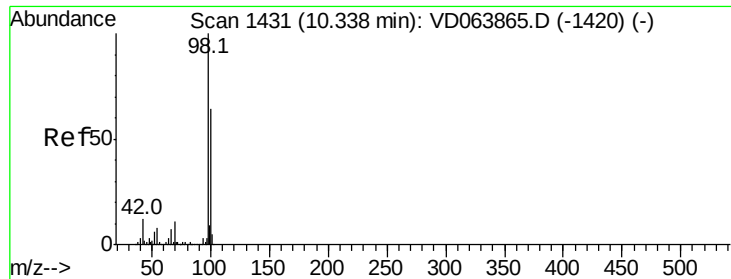
#35
Dibromofluoromethane
Concen: 50.479 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD064070.D
Acq: 25 Oct 2019 17:30

Tgt Ion:113 Resp: 79891
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 19.1 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

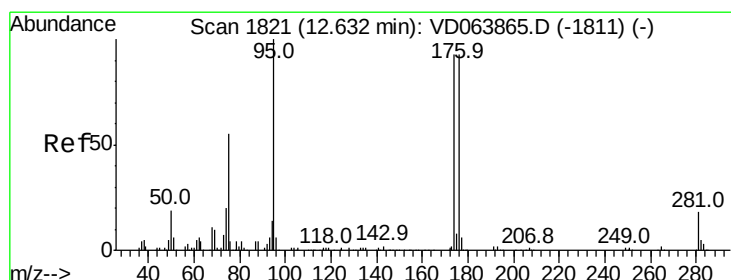
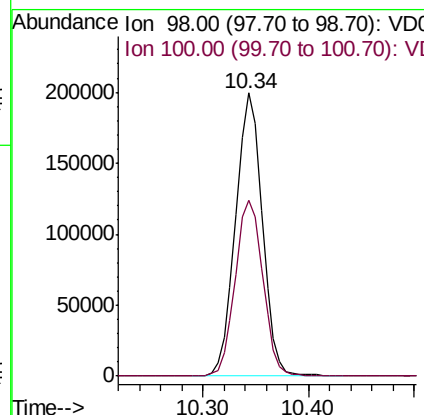
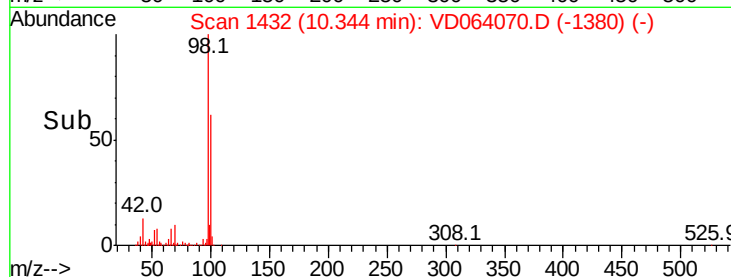
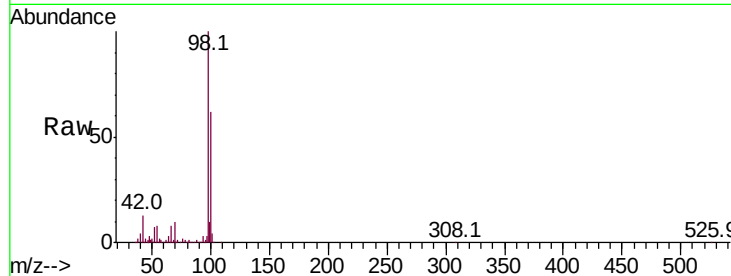




#50
Toluene-d8
Concen: 54.290 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064070.D
Acq: 25 Oct 2019 17:30

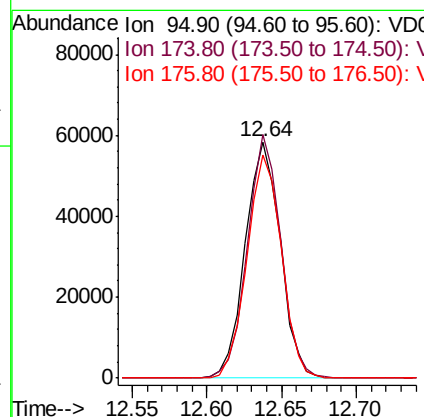
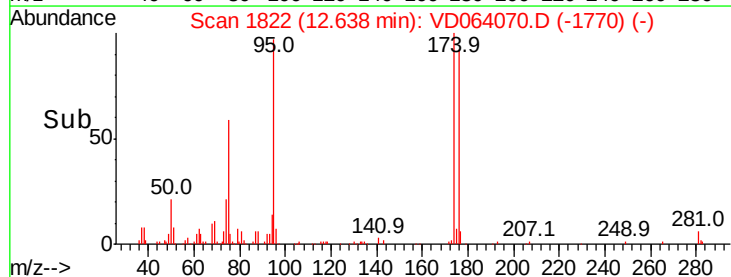
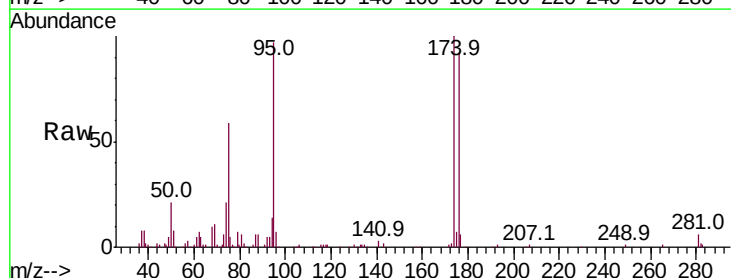
Instrument :
MSVOA_D
ClientSampleId :
153-08-(1.1)

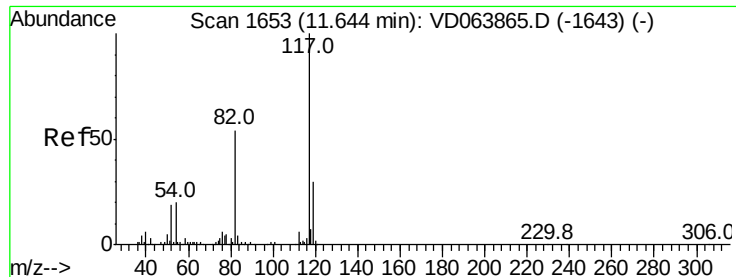
Tot Ion: 98 Resp: 348746
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.453 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064070.D
Acq: 25 Oct 2019 17:30

Tgt Ion: 95 Resp: 94767
Ion Ratio Lower Upper
95 100
174 98.0 0.0 186.4
176 92.6 0.0 184.2

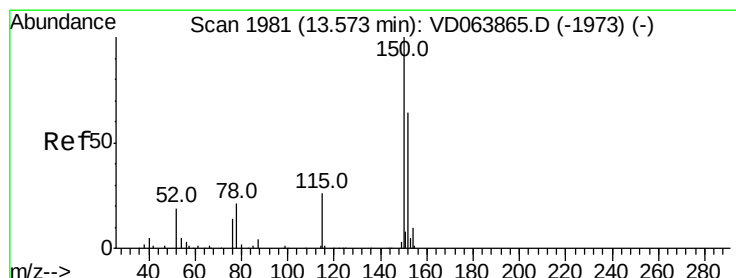
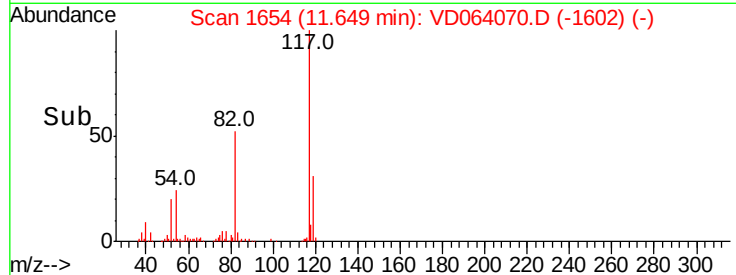
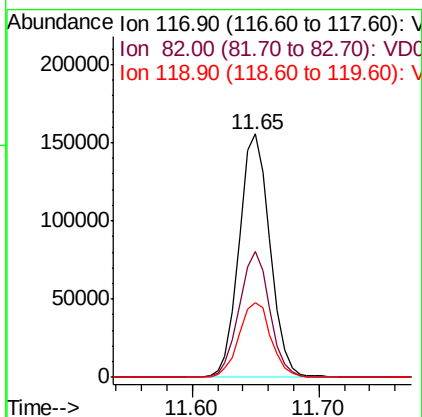
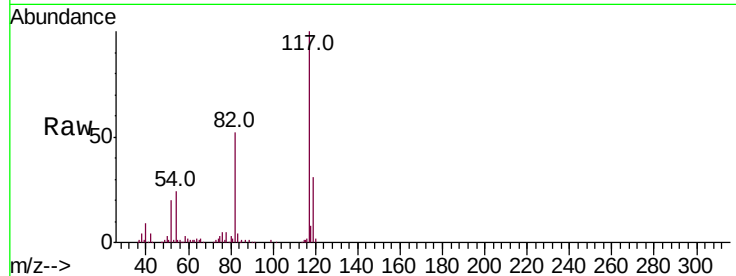




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064070.D
Acq: 25 Oct 2019 17:30

Instrument :
MSVOA_D
ClientSampleId :
153-08-(1.1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.8	64.2
119	30.6	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064070.D
Acq: 25 Oct 2019 17:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	25.9	77.7
150	152.0	0.0	344.2

