

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067583.D
 Acq On : 10 Nov 2020 15:33
 Operator : VA/SY
 Sample : L4697-02
 Misc : 9.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-S2

Quant Time: Nov 11 00:49:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	273136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	454524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	467174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	237768	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	130652	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.91	113	144798	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.34	98	542009	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	
62) 4-Bromofluorobenzene	12.64	95	199306	59.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.98%	

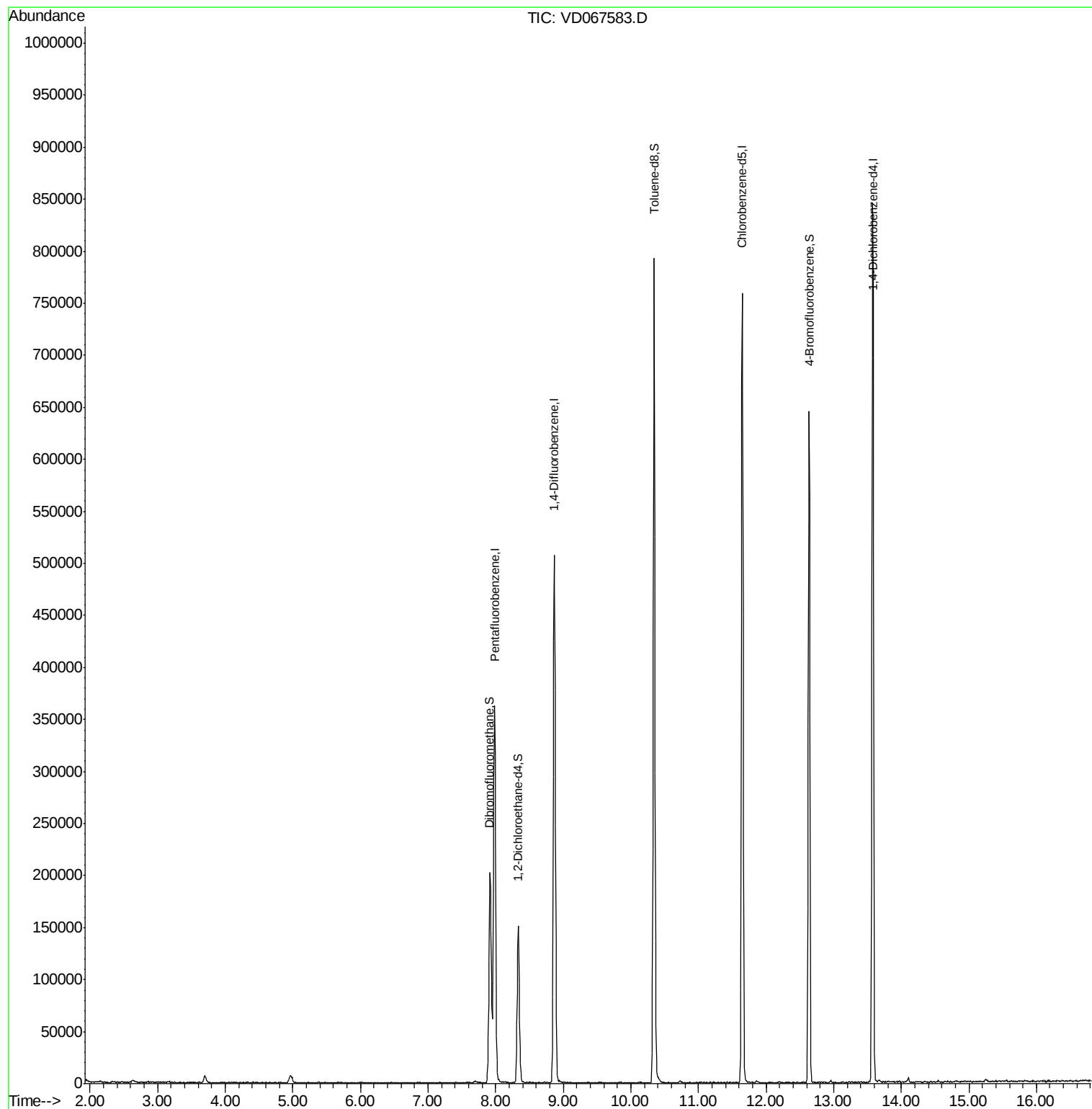
Target Compounds	Qvalue

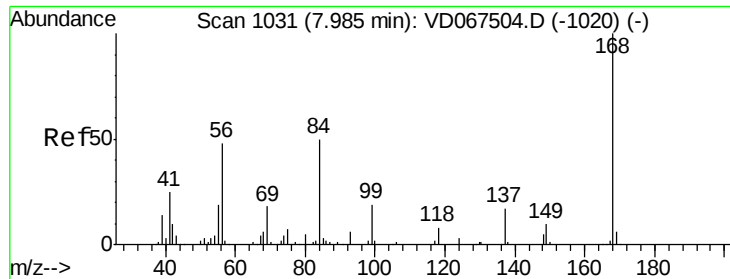
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067583.D

Acq: 10 Nov 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

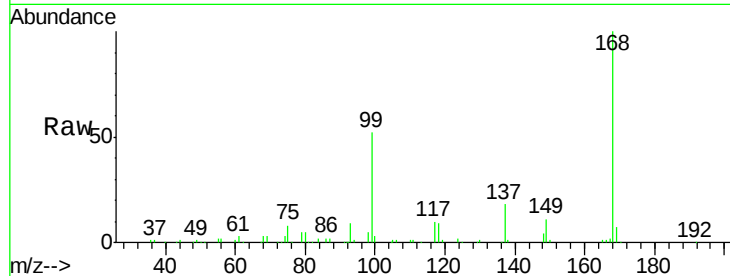
TP-2-S2

Tot Ion:168 Resp: 273136

Ion Ratio Lower Upper

168 100

99 51.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

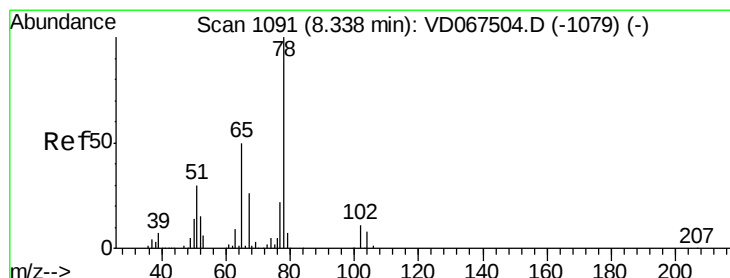
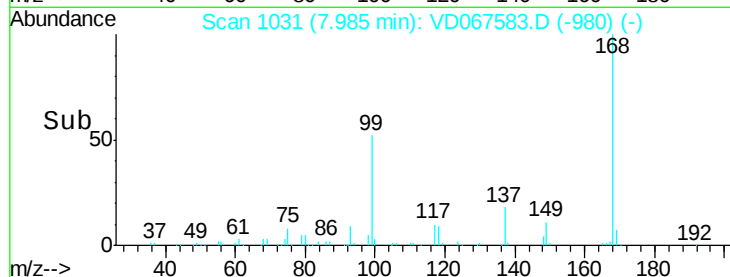
100000

50000

0

Time-->

7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 54.706 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067583.D

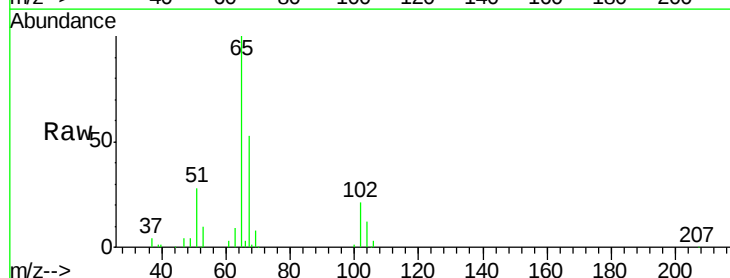
Acq: 10 Nov 2020 15:33

Tgt Ion: 65 Resp: 130652

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

30000

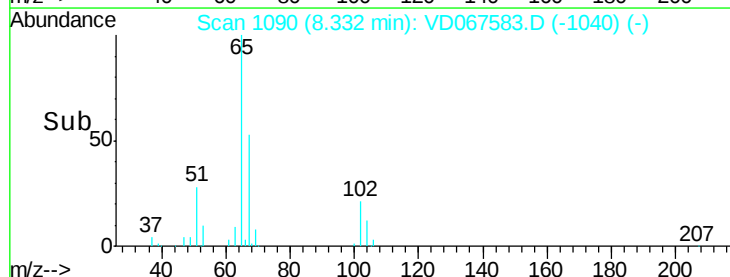
20000

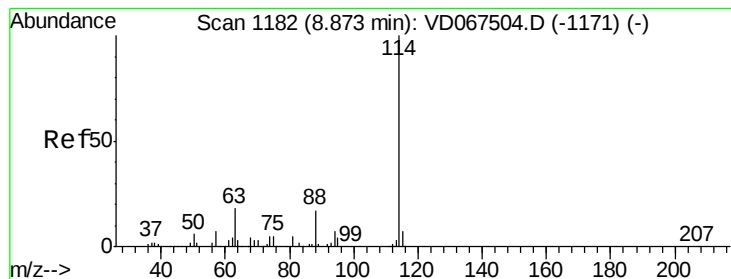
10000

0

Time-->

8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067583.D

Acq: 10 Nov 2020 15:33

Instrument :

MSVOA_D

ClientSampleId :

TP-2-S2

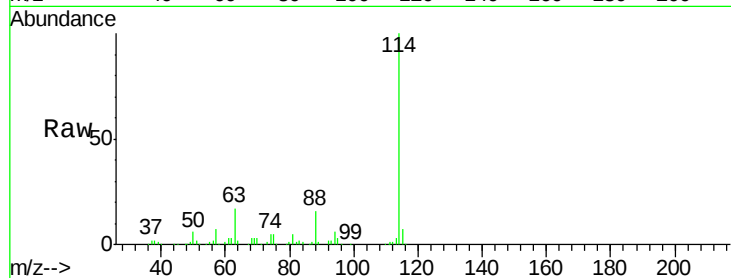
Tot Ion:114 Resp: 454524

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

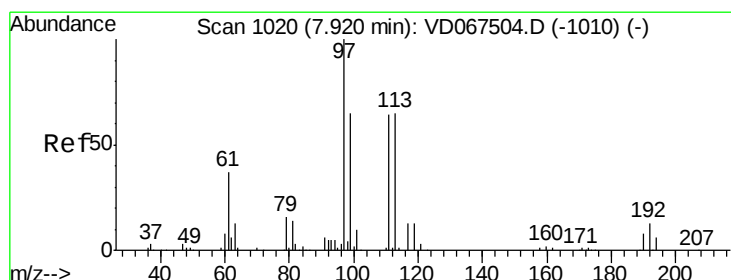
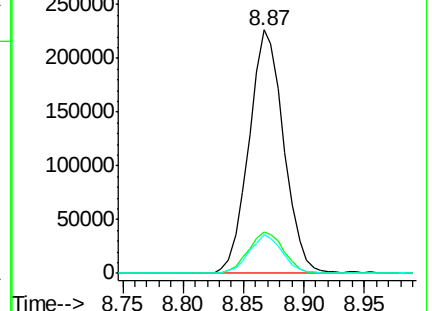
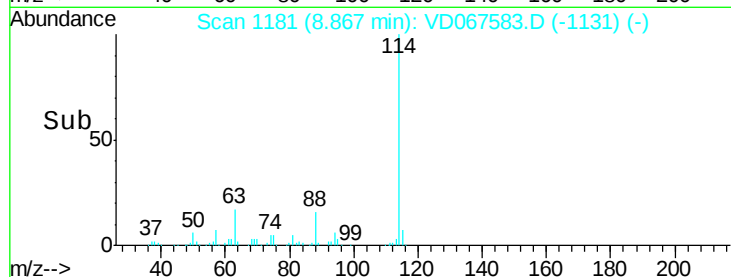
88 15.9 0.0 33.0



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: 52.875 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067583.D

Acq: 10 Nov 2020 15:33

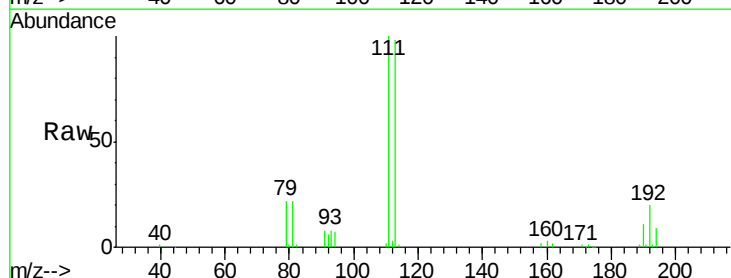
Tgt Ion:113 Resp: 144798

Ion Ratio Lower Upper

113 100

111 102.1 80.0 120.0

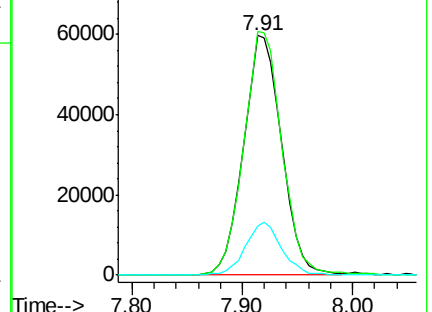
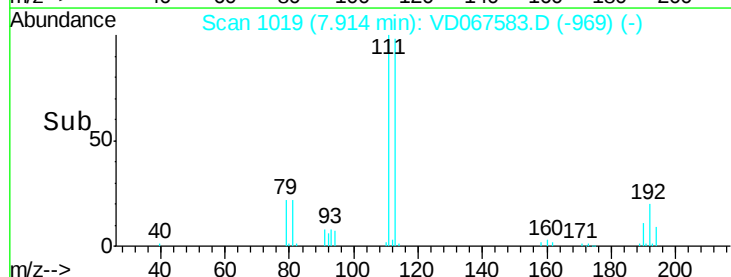
192 20.9 16.3 24.5

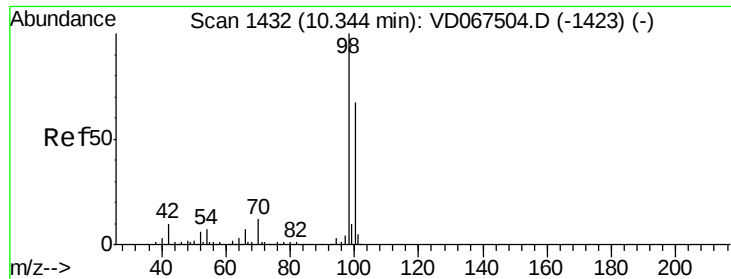


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

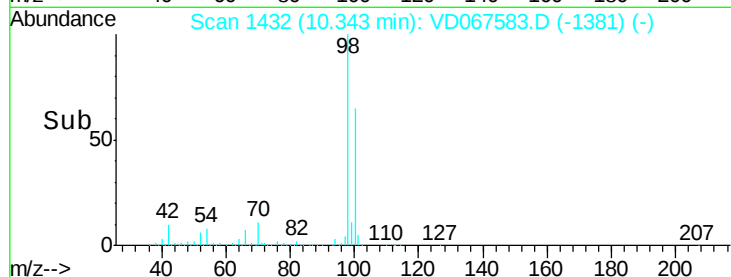
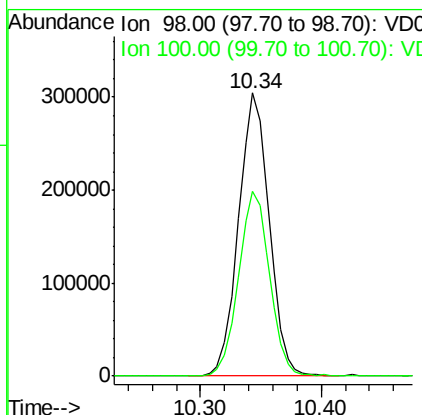
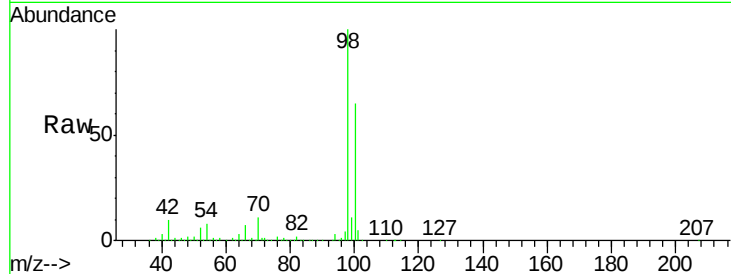




#50
Toluene-d8
Concen: 56.320 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067583.D
Acq: 10 Nov 2020 15:33

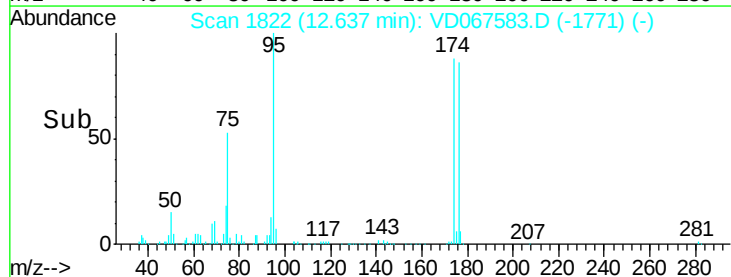
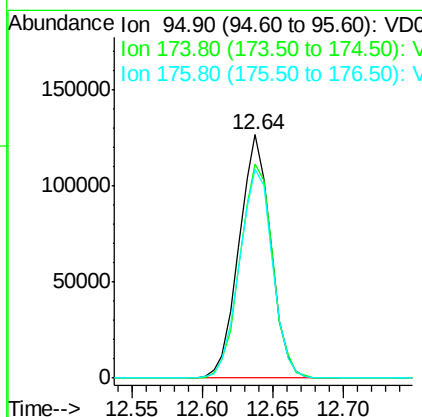
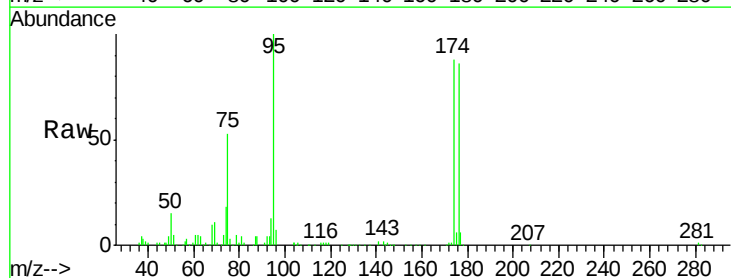
Instrument :
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TP-2-S2

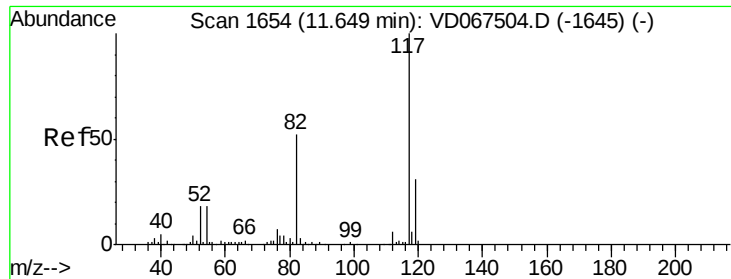
Tot Ion: 98 Resp: 542009
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 59.986 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067583.D
Acq: 10 Nov 2020 15:33

Tgt Ion: 95 Resp: 199306
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.8
176 89.1 0.0 172.0

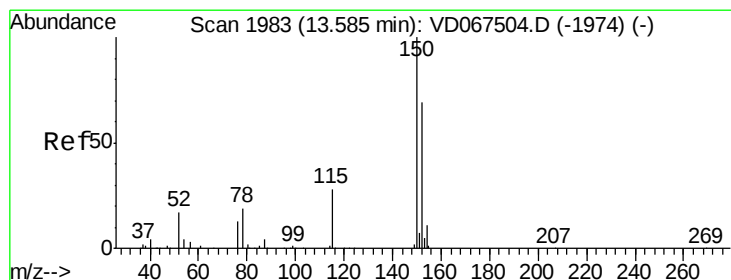
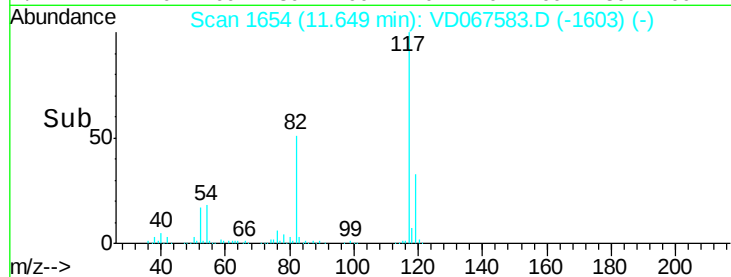
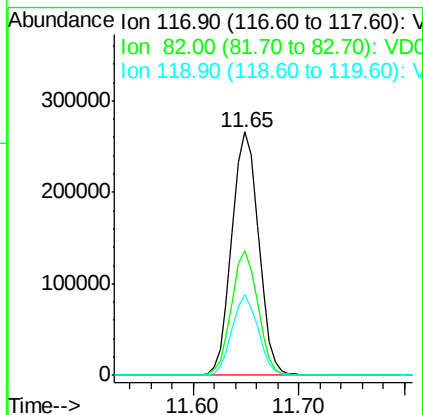
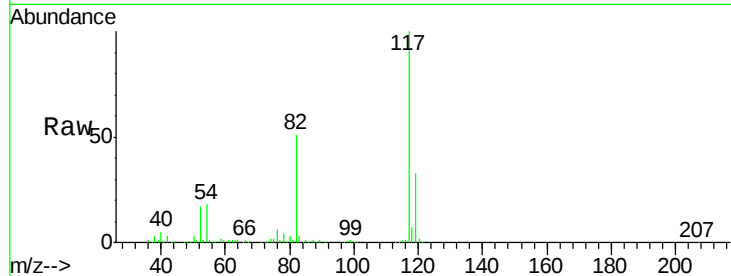




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067583.D
Acq: 10 Nov 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :
TP-2-S2

Tot Ion:117 Resp: 467174
Ion Ratio Lower Upper
117 100
82 51.3 41.6 62.4
119 33.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067583.D
Acq: 10 Nov 2020 15:33

Tgt Ion:152 Resp: 237768
Ion Ratio Lower Upper
152 100
115 57.2 29.3 88.0
150 157.7 0.0 338.2

