

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067285.D
 Acq On : 15 Oct 2020 16:00
 Operator : VA/SY
 Sample : L4406-09
 Misc : 5.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-101420-B

Quant Time: Oct 16 01:37:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	324877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	545828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	517321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	178548	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
35) Dibromofluoromethane	7.92	113	181100	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.34	98	648145	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.64	95	222325	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

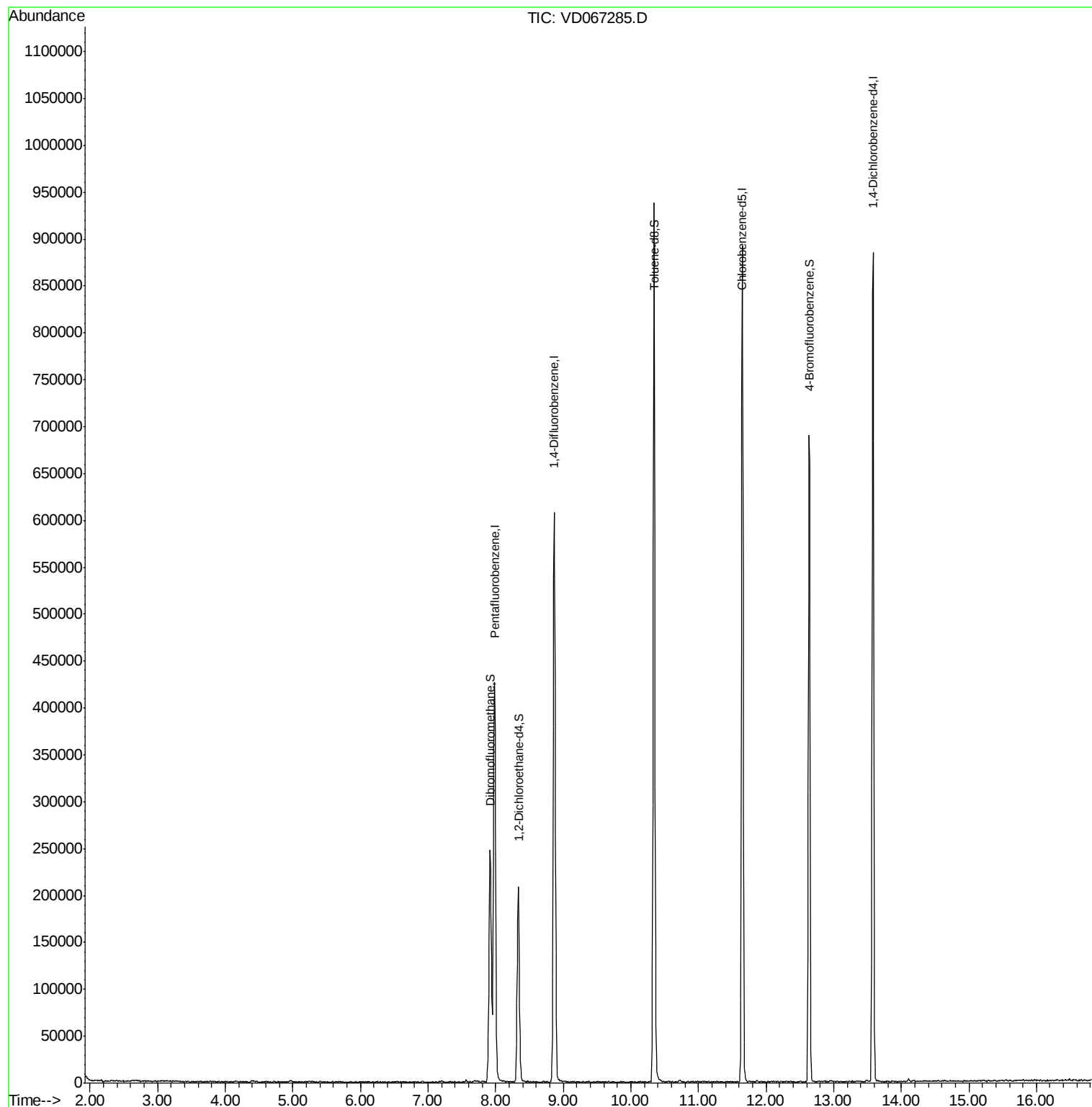
Target Compounds	Qvalue

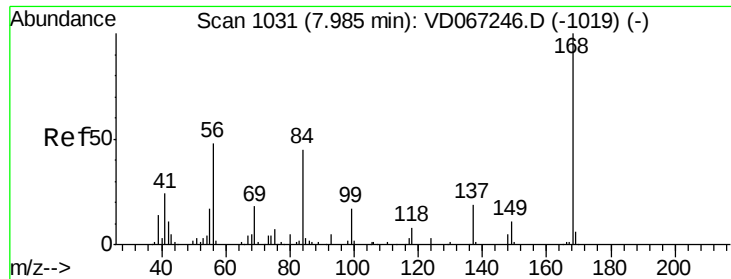
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067285.D

Acq: 15 Oct 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

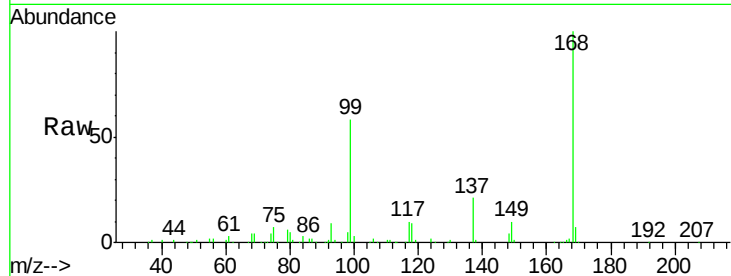
JC-02-101420-B

Tot Ion:168 Resp: 324877

Ion Ratio Lower Upper

168 100

99 58.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

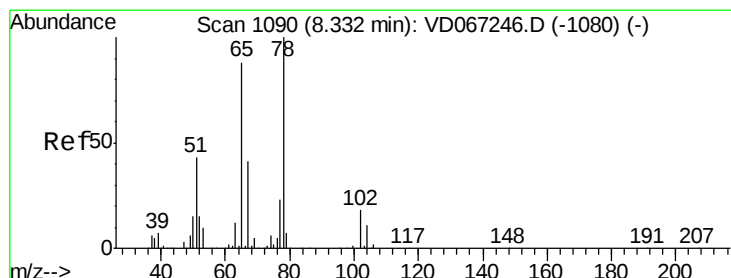
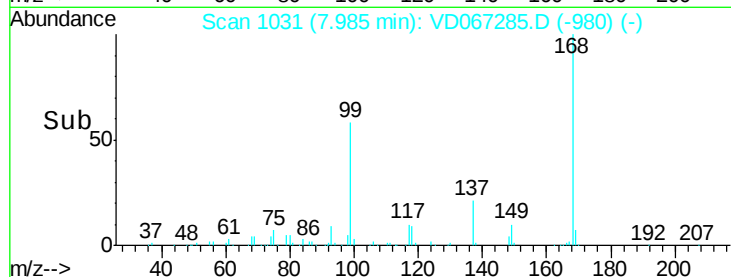
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.857 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067285.D

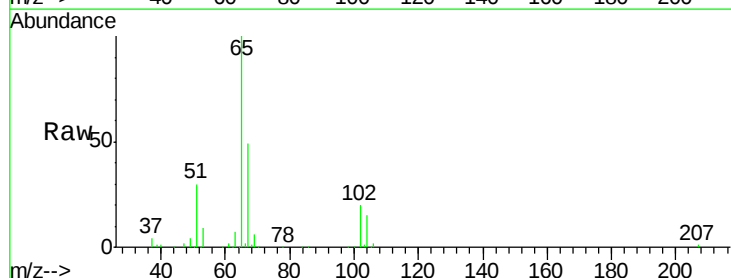
Acq: 15 Oct 2020 16:00

Tgt Ion: 65 Resp: 178548

Ion Ratio Lower Upper

65 100

67 49.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

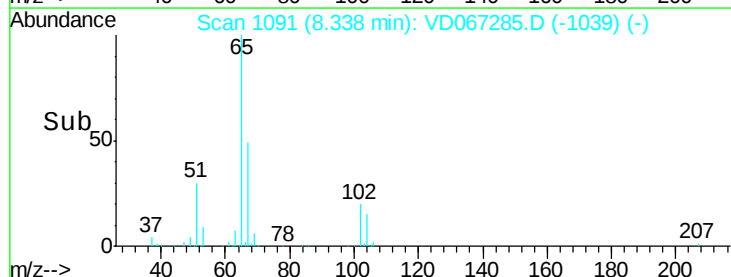
40000

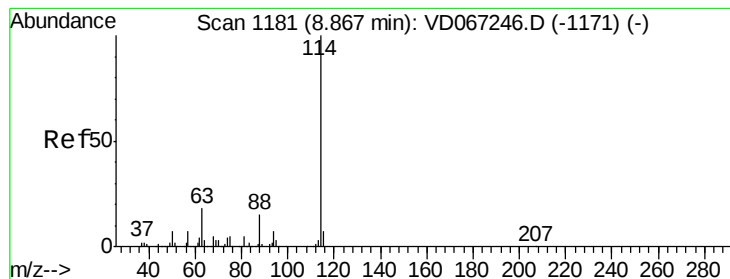
20000

0

8.25 8.30 8.35 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: VD067285.D

Acq: 15 Oct 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

JC-02-101420-B

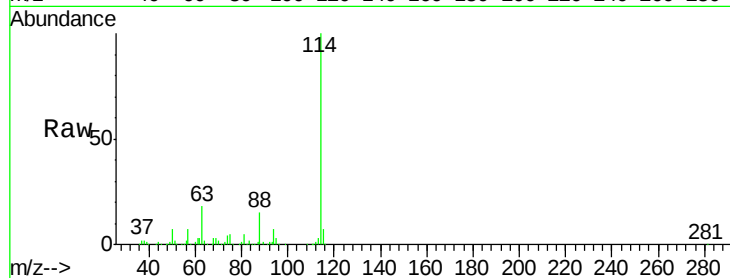
Tot Ion:114 Resp: 545828

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

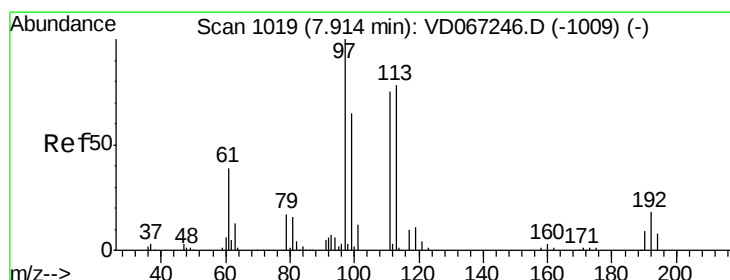
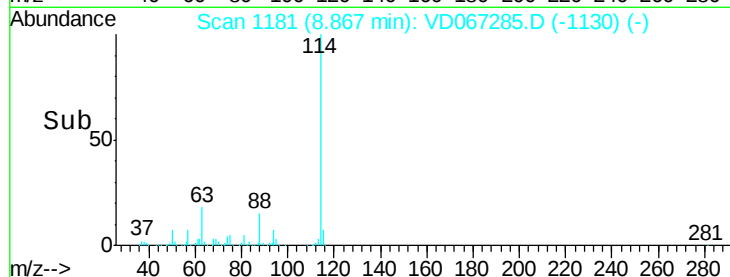
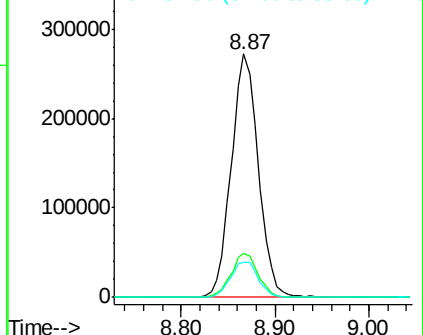
88 14.6 0.0 30.6



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: 49.856 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067285.D

Acq: 15 Oct 2020 16:00

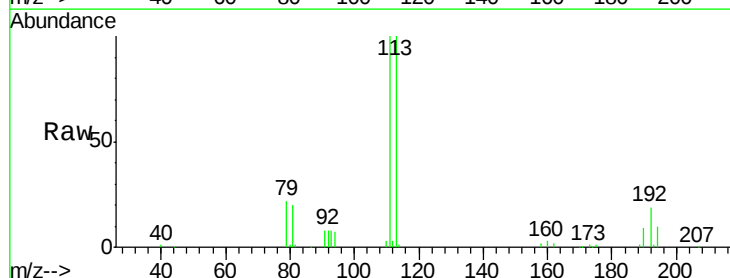
Tgt Ion:113 Resp: 181100

Ion Ratio Lower Upper

113 100

111 99.5 81.6 122.4

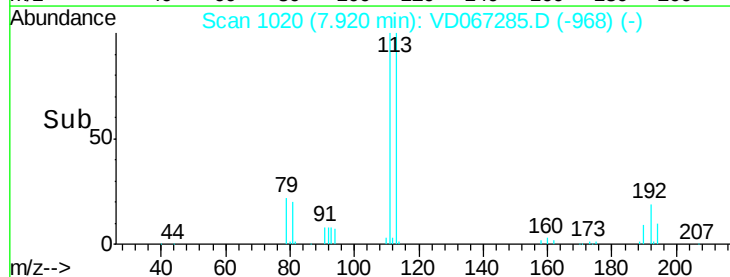
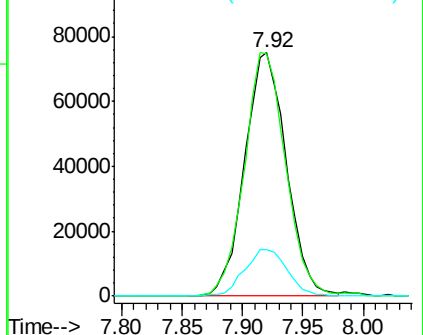
192 19.8 17.0 25.4

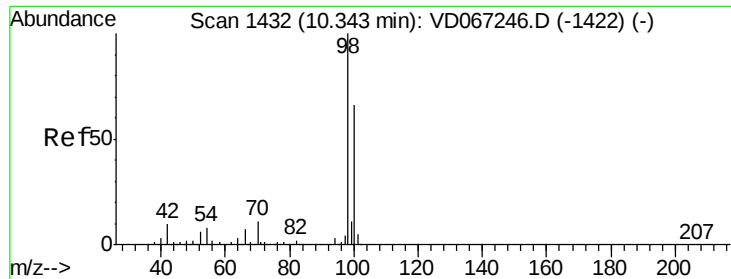


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

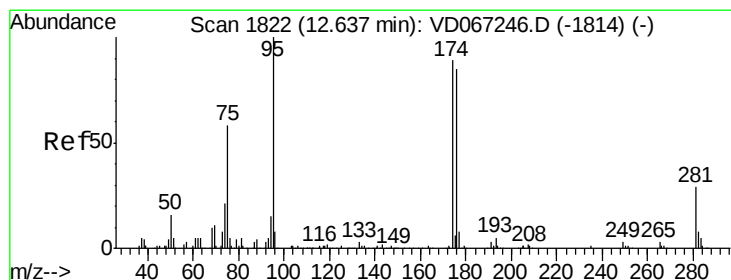
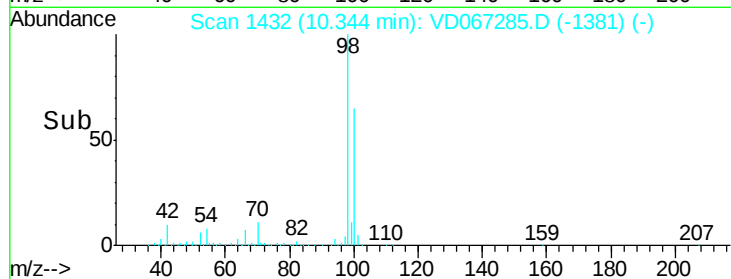
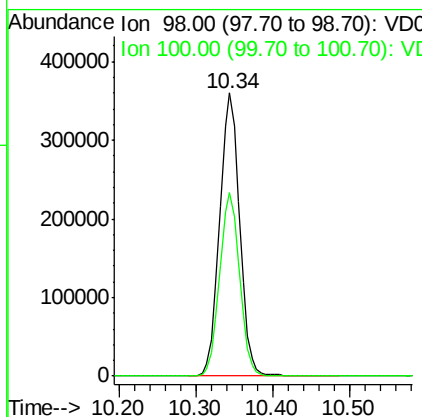
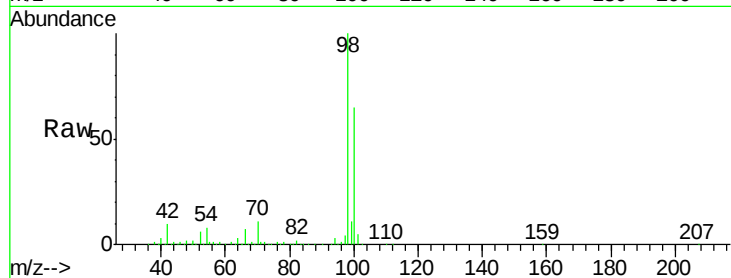




#50
Toluene-d8
Concen: 49.305 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067285.D
Acq: 15 Oct 2020 16:00

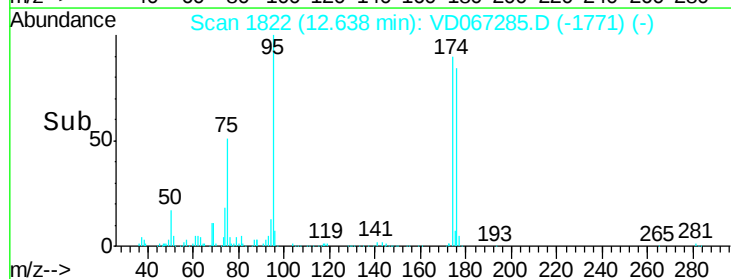
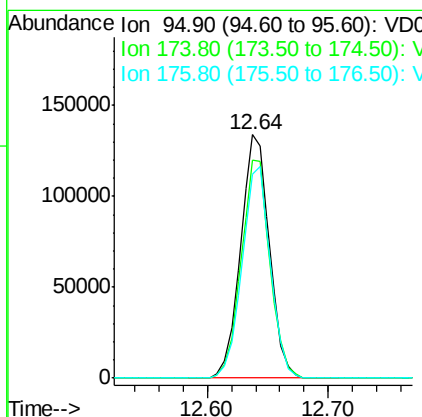
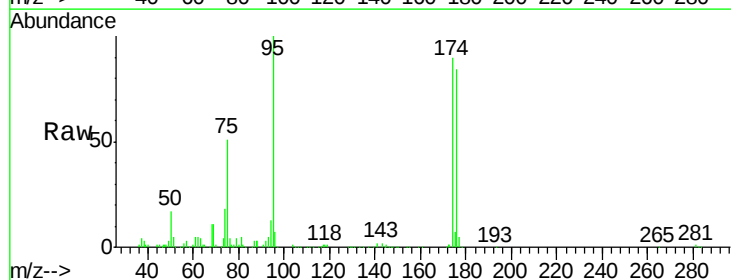
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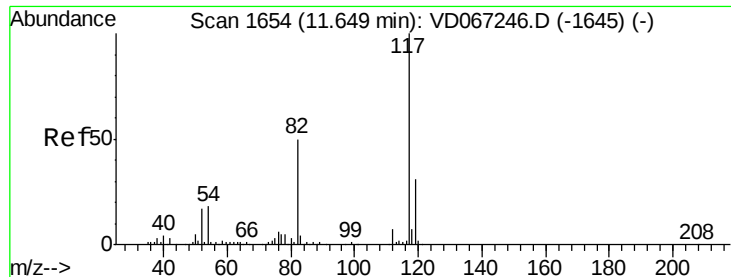
Tot Ion: 98 Resp: 648145
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.638 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067285.D
Acq: 15 Oct 2020 16:00

Tgt Ion: 95 Resp: 222325
Ion Ratio Lower Upper
95 100
174 89.4 0.0 175.2
176 85.6 0.0 168.6

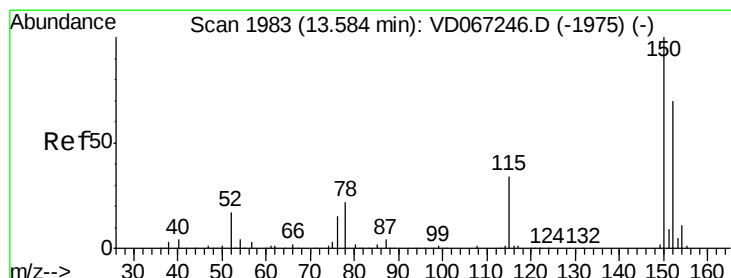
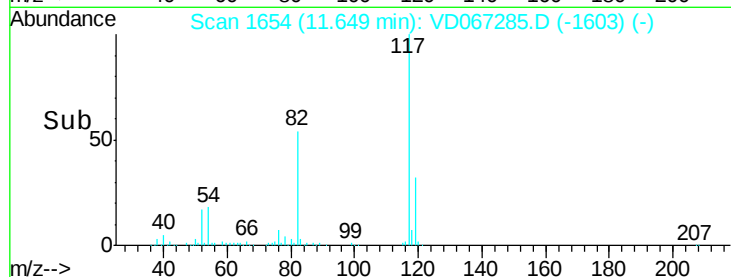
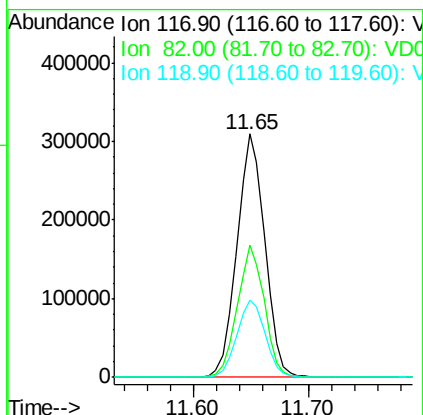
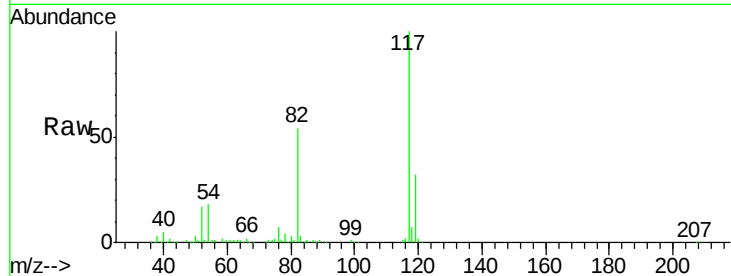




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067285.D
Acq: 15 Oct 2020 16:00

Instrument :
MSVOA_D
ClientSampleId :
JC-02-101420-B

Tot Ion:117 Resp: 517321
Ion Ratio Lower Upper
117 100
82 54.1 39.9 59.9
119 31.7 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067285.D
Acq: 15 Oct 2020 16:00

Tgt Ion:152 Resp: 245371
Ion Ratio Lower Upper
152 100
115 61.3 29.3 87.9
150 158.3 0.0 339.0

