

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067631.D
 Acq On : 16 Nov 2020 10:46
 Operator : VA/SY
 Sample : VD1116SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1116SBL01

Quant Time: Nov 17 01:15:39 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	300859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	465388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	487488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	252296	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	141684	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	7.92	113	143938	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	10.34	98	543846	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
62) 4-Bromofluorobenzene	12.64	95	219411	64.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.00%	

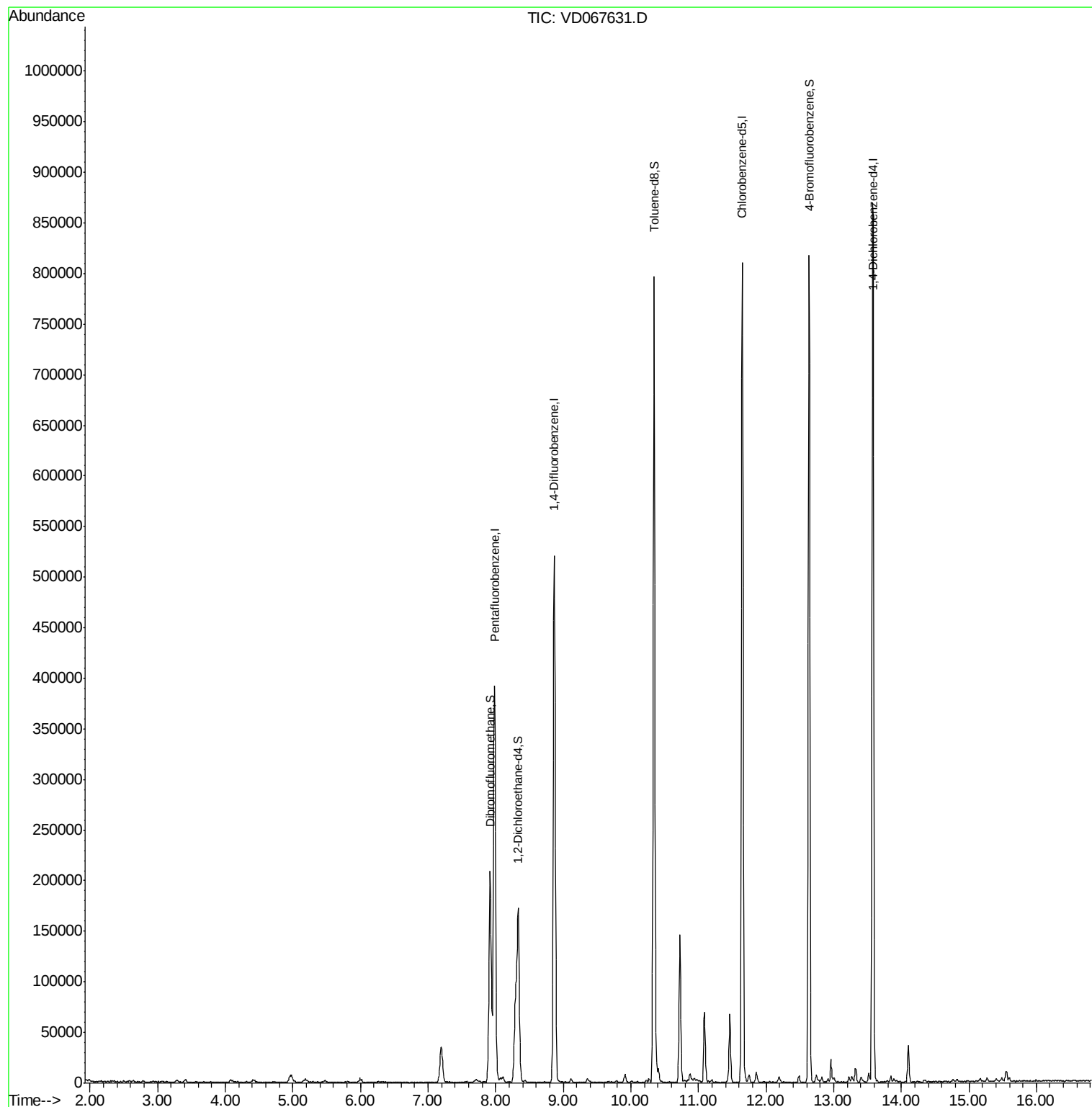
Target Compounds	Qvalue
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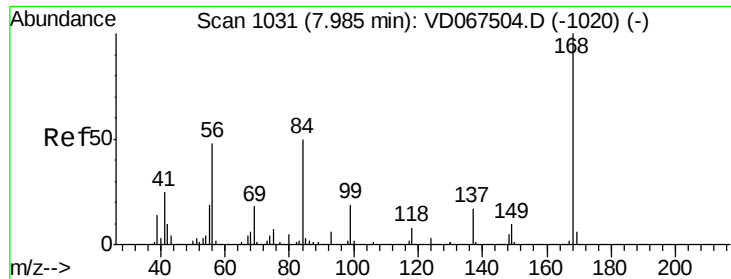
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067631.D

Acq: 16 Nov 2020 10:46

Instrument :

MSVOA_D

ClientSampleId :

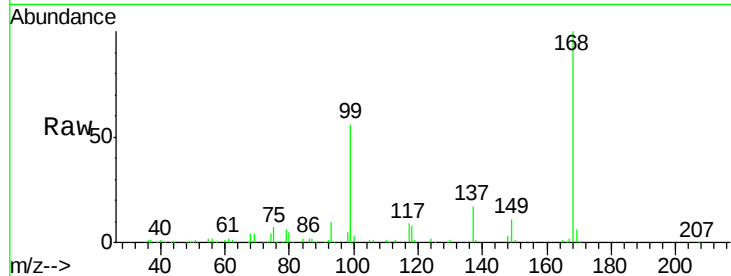
VD1116SBL01

Tot Ion:168 Resp: 300859

Ion Ratio Lower Upper

168 100

99 55.5 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

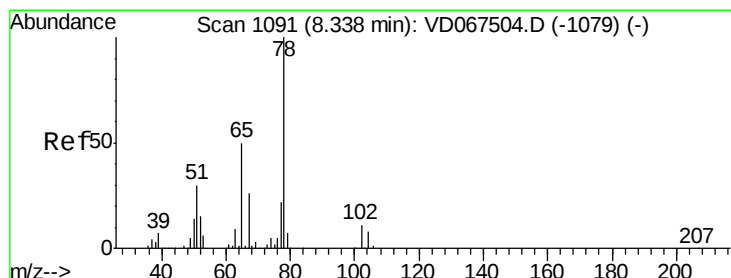
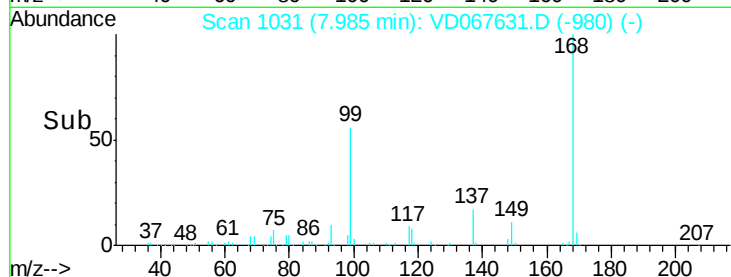
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.858 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067631.D

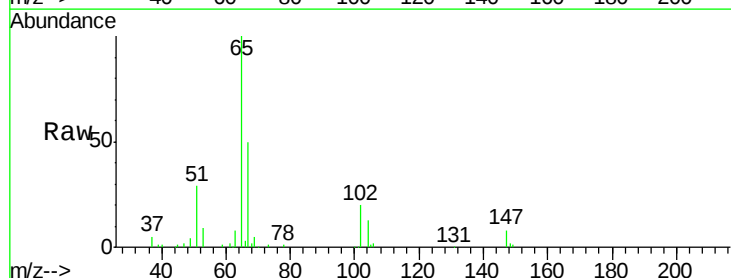
Acq: 16 Nov 2020 10:46

Tgt Ion: 65 Resp: 141684

Ion Ratio Lower Upper

65 100

67 50.6 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

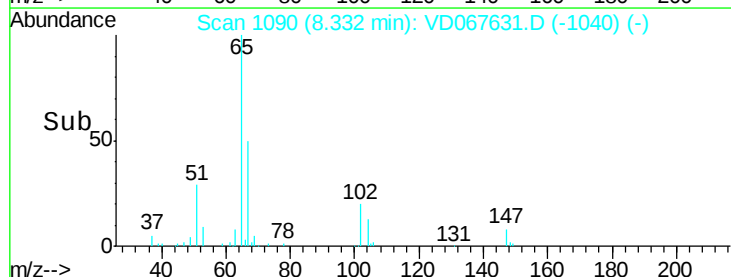
40000

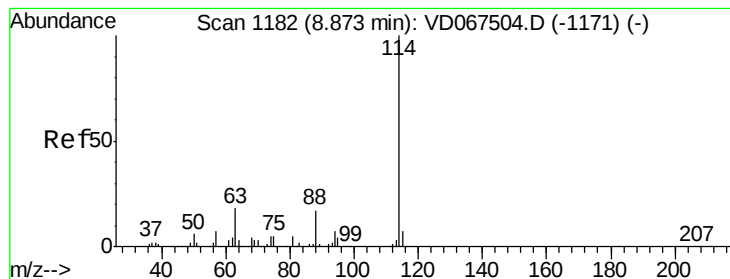
20000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067631.D

Acq: 16 Nov 2020 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD1116SBL01

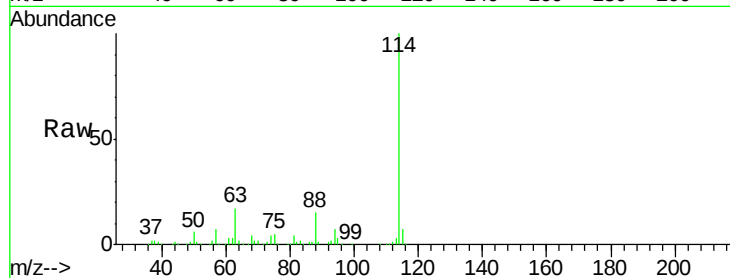
Tot Ion:114 Resp: 465388

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

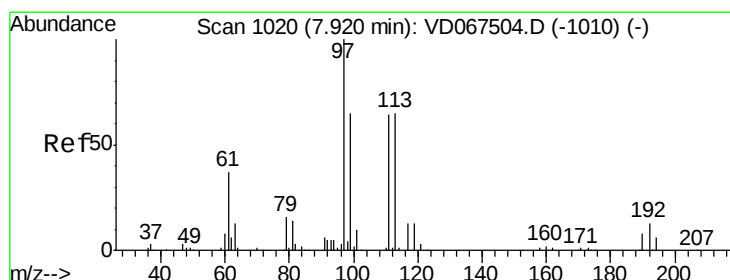
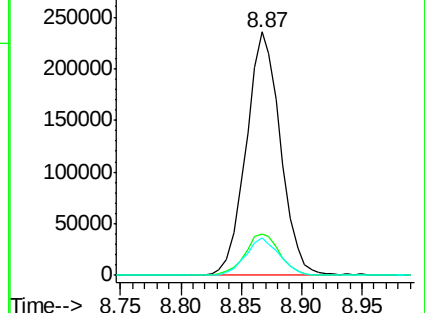
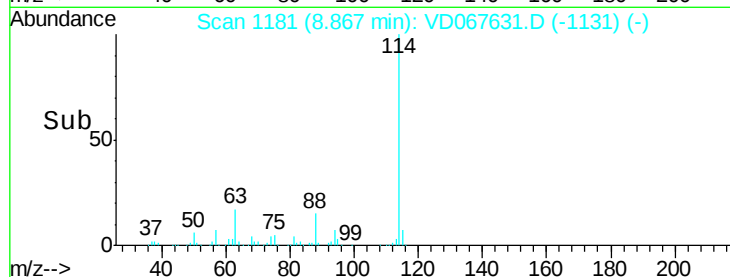
88 15.2 0.0 33.0



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: 51.334 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067631.D

Acq: 16 Nov 2020 10:46

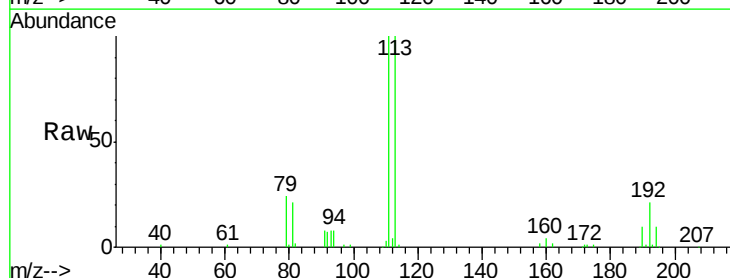
Tgt Ion:113 Resp: 143938

Ion Ratio Lower Upper

113 100

111 101.1 80.0 120.0

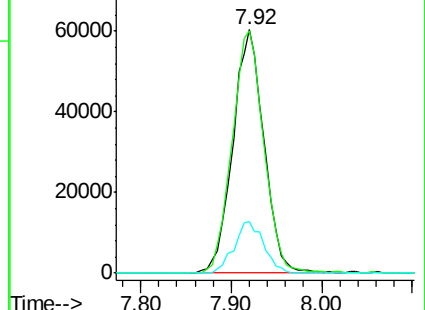
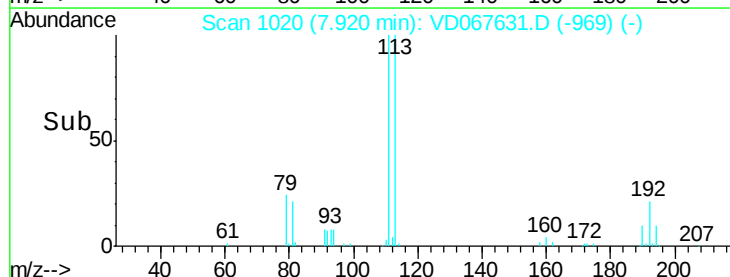
192 20.4 16.3 24.5

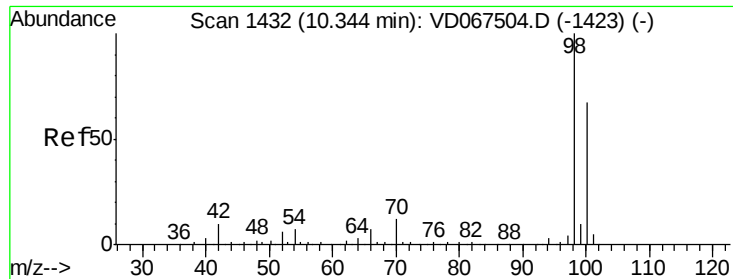


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

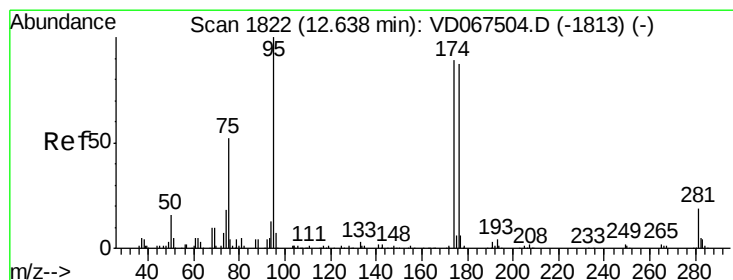
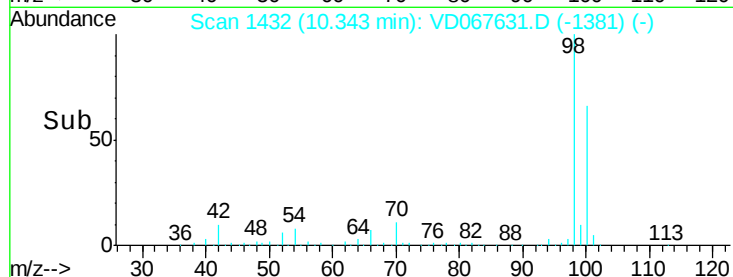
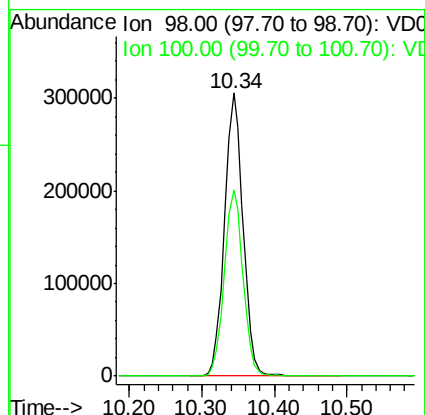
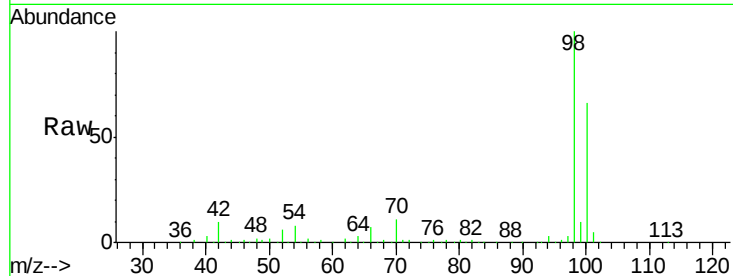




#50
Toluene-d8
Concen: 55.192 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067631.D
Acq: 16 Nov 2020 10:46

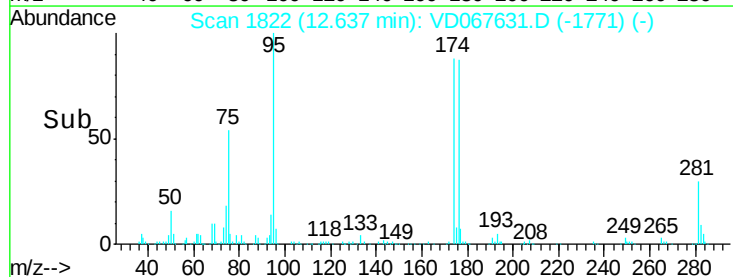
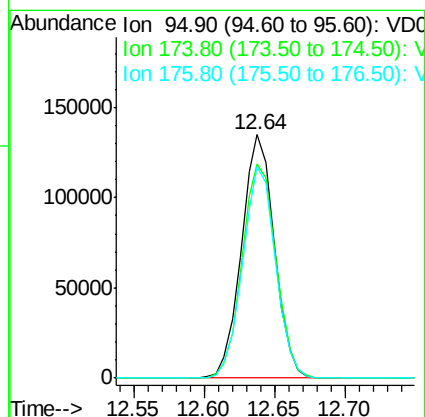
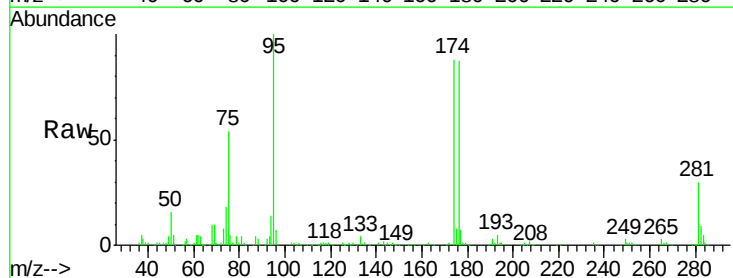
Instrument :
MSVOA_D
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VD1116SBL01

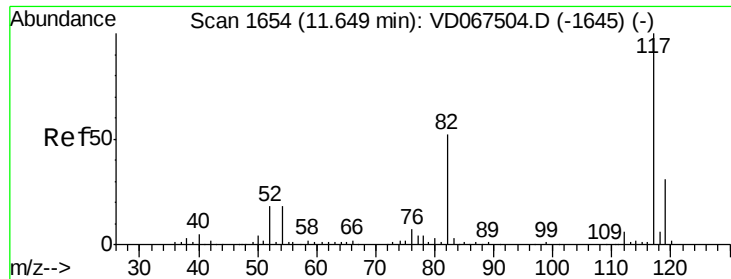
Tot Ion: 98 Resp: 543846
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 64.495 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067631.D
Acq: 16 Nov 2020 10:46

Tgt Ion: 95 Resp: 219411
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.8
176 87.2 0.0 172.0

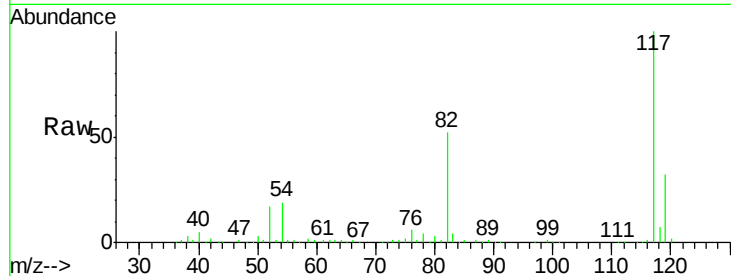




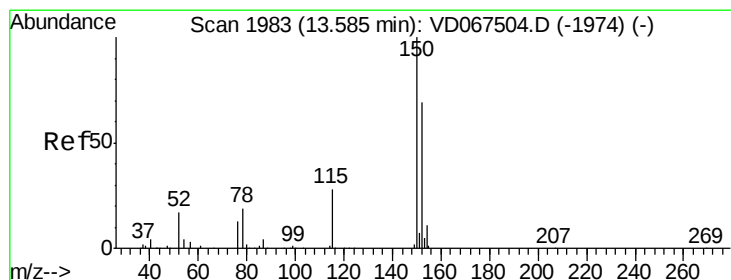
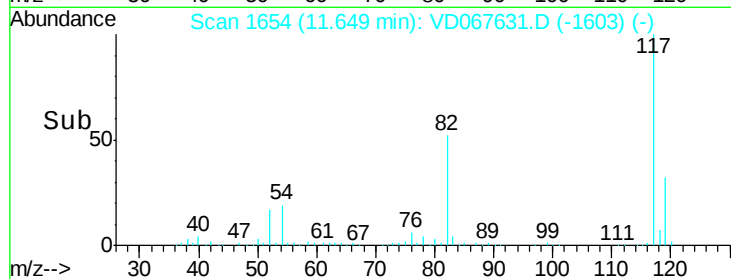
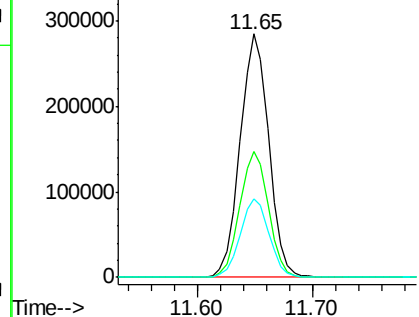
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067631.D
Acq: 16 Nov 2020 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

Tot Ion:117 Resp: 487488
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 32.1 25.1 37.7

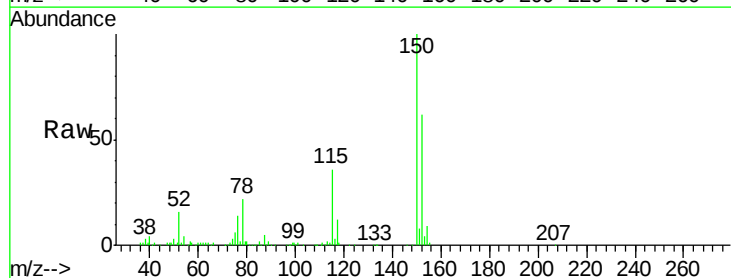


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD067631.D
Acq: 16 Nov 2020 10:46

Tgt Ion:152 Resp: 252296
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 155.9 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

