

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067519.D
 Acq On : 04 Nov 2020 14:43
 Operator : VA/SY
 Sample : L4623-02
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Nov 05 01:23:06 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	134125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	215420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	235701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	118503	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	89290	76.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.28%	
35) Dibromofluoromethane	7.92	113	79463	61.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.44%	
50) Toluene-d8	10.34	98	262253	57.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.00%	
62) 4-Bromofluorobenzene	12.64	95	100552	63.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.70%	

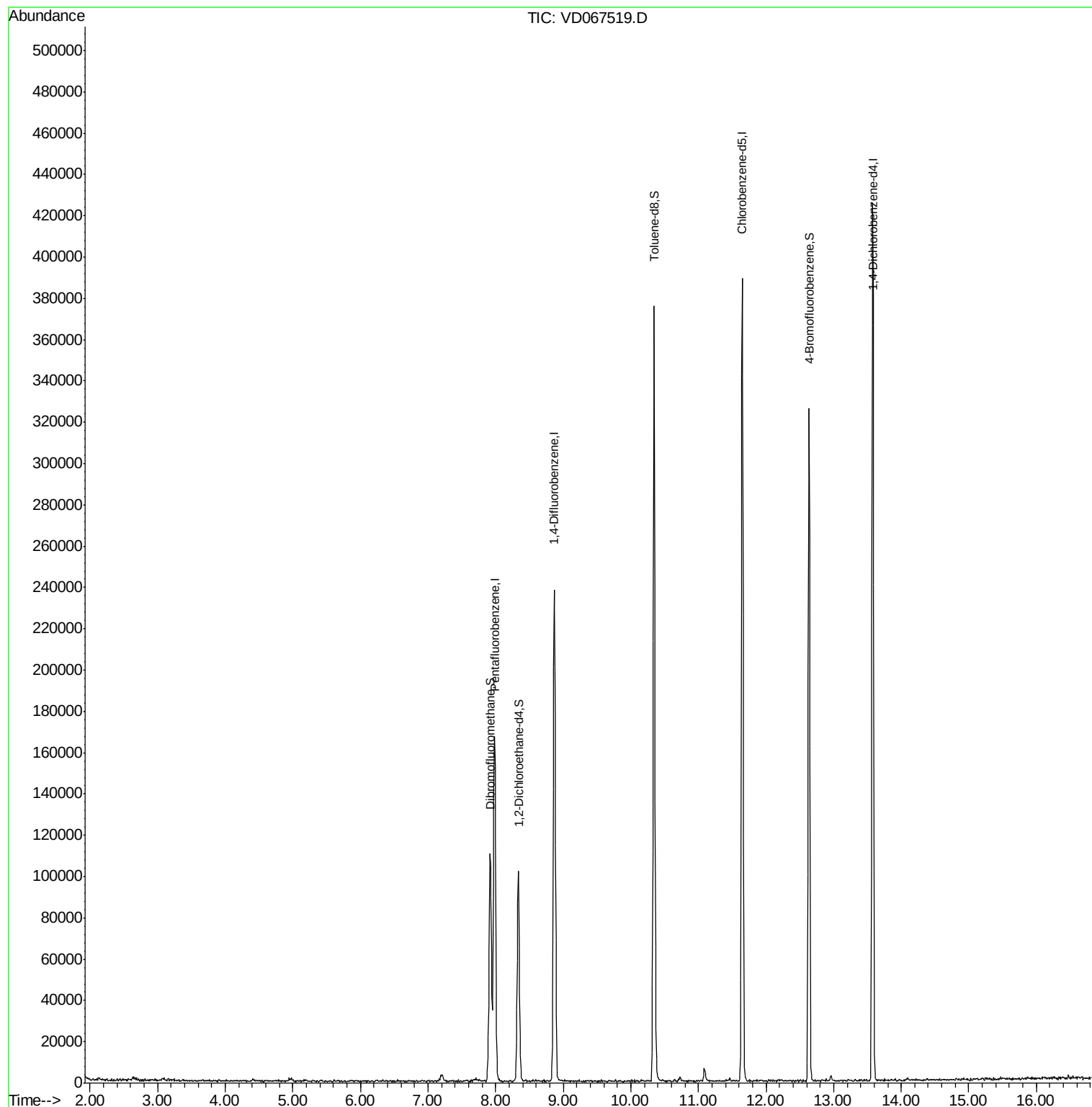
Target Compounds	Qvalue

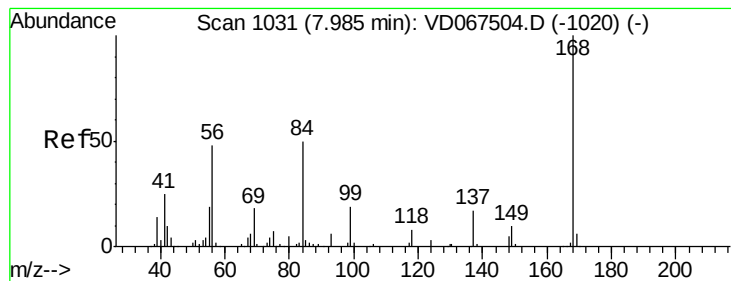
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067519.D

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MSVOA_D

ClientSampleId :

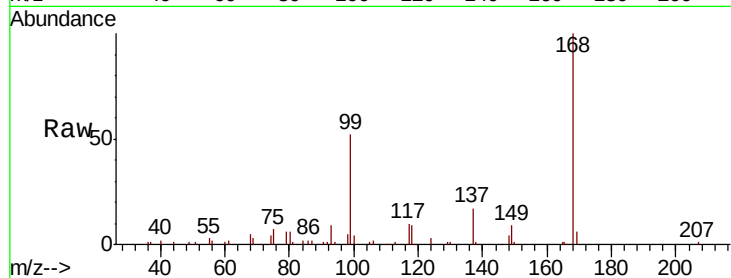
VOC

Tot Ion:168 Resp: 134125

Ion Ratio Lower Upper

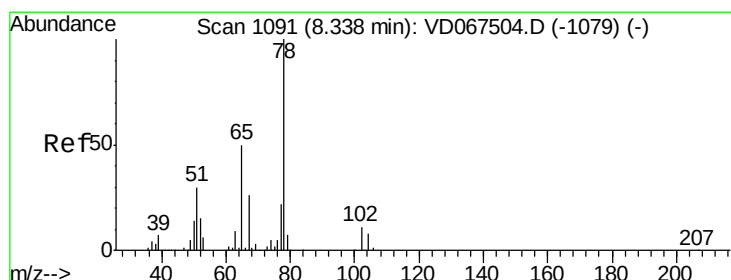
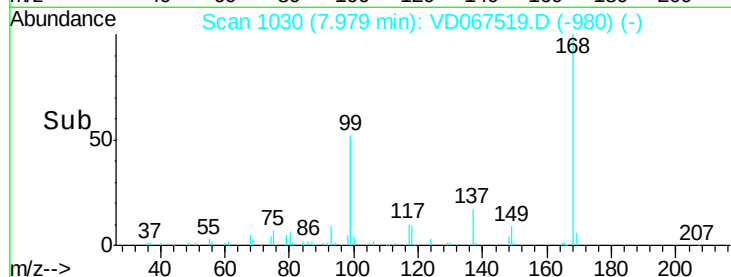
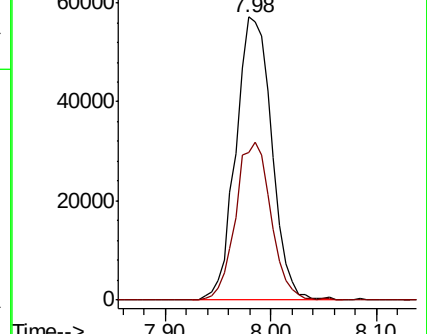
168 100

99 52.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 76.136 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067519.D

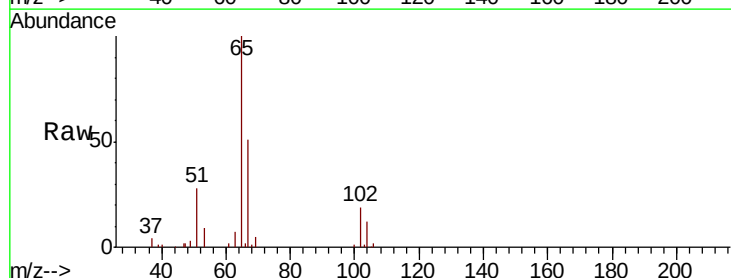
Acq: 04 Nov 2020 14:43

Tgt Ion: 65 Resp: 89290

Ion Ratio Lower Upper

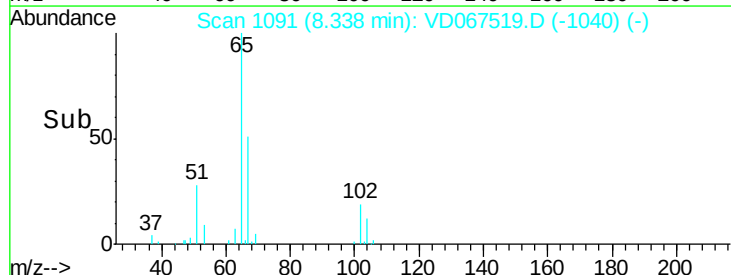
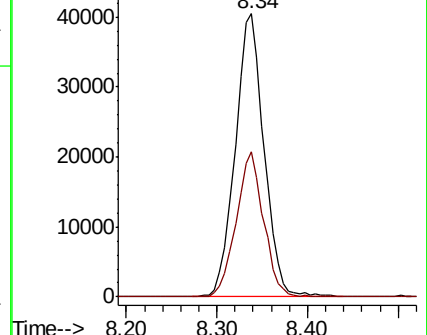
65 100

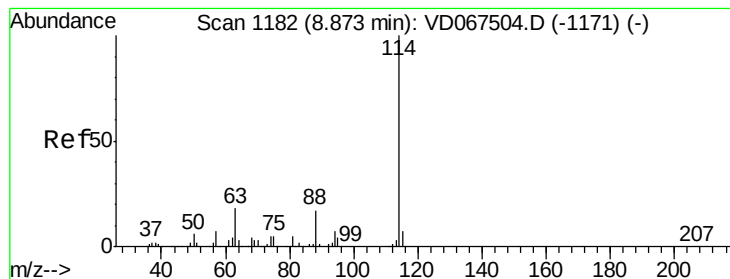
67 48.5 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067519.D

Acq: 04 Nov 2020 14:43

Instrument :

MSVOA_D

ClientSampled :

VOC

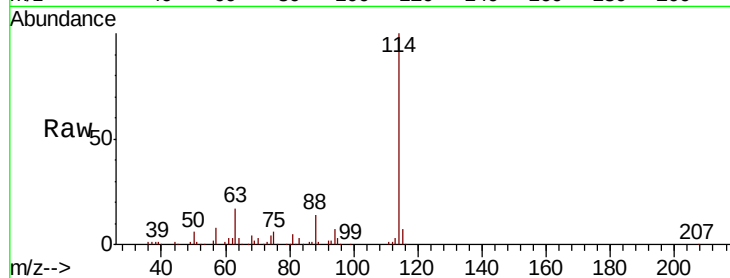
Tot Ion:114 Resp: 215420

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

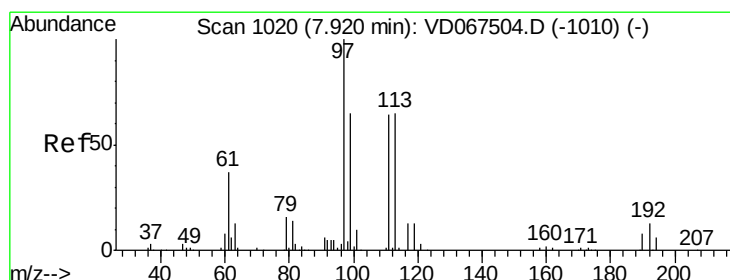
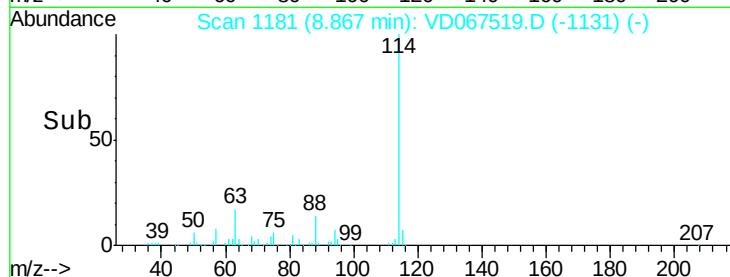
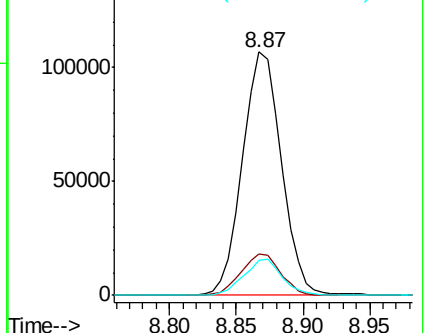
88 14.3 0.0 33.0



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: 61.224 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067519.D

Acq: 04 Nov 2020 14:43

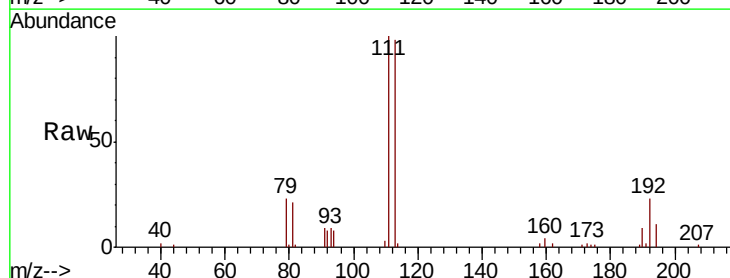
Tgt Ion:113 Resp: 79463

Ion Ratio Lower Upper

113 100

111 101.2 80.0 120.0

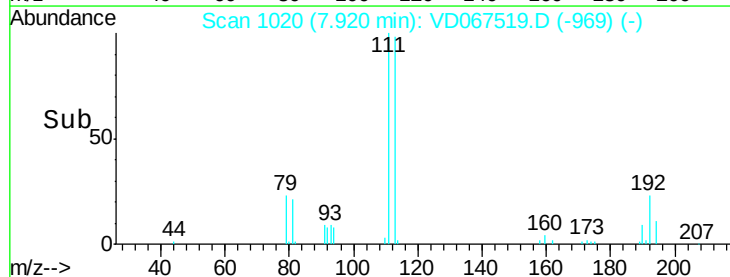
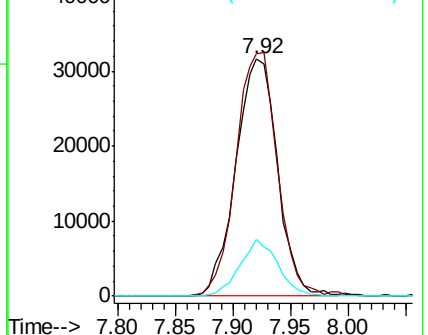
192 21.9 16.3 24.5

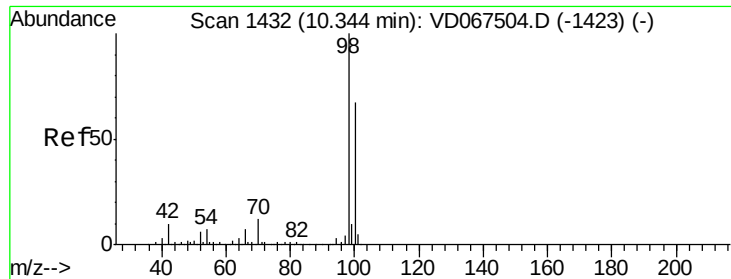


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

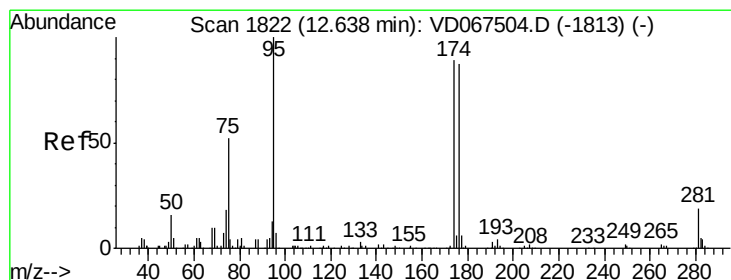
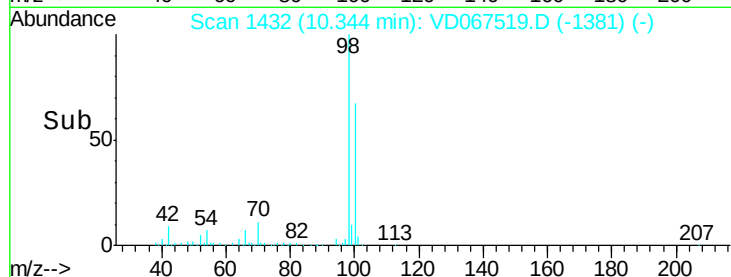
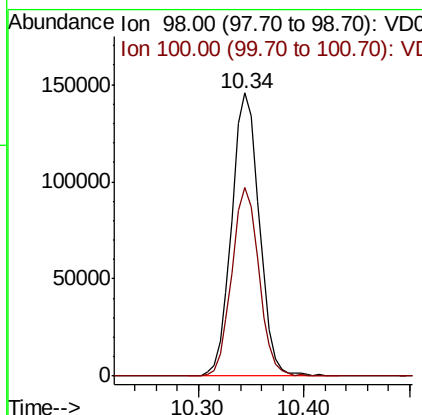
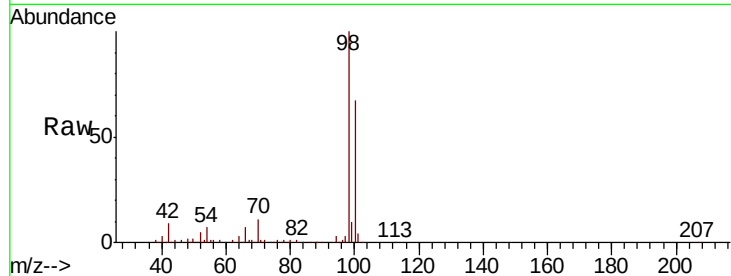




#50
Toluene-d8
Concen: 57.497 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067519.D
Acq: 04 Nov 2020 14:43

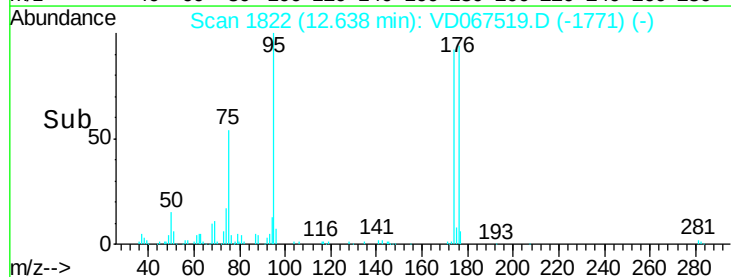
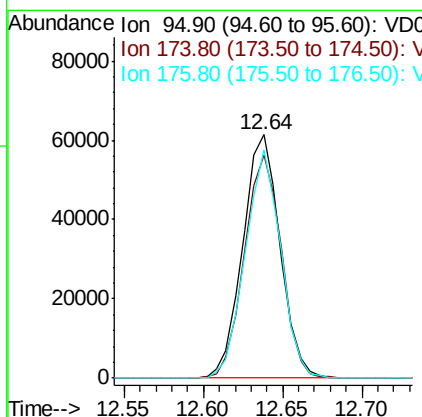
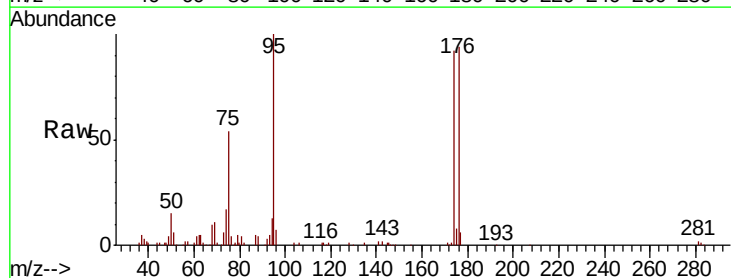
Instrument :
MSVOA_D
ClientSampleId :
VOC

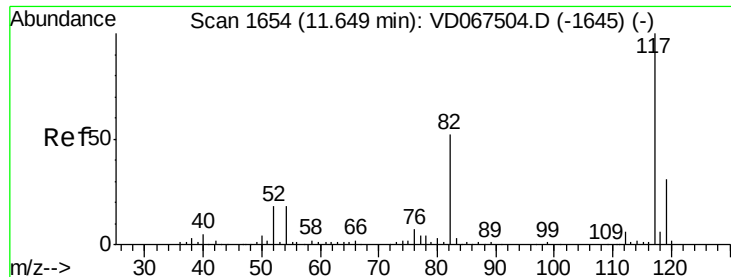
Tot Ion: 98 Resp: 262253
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 63.854 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067519.D
Acq: 04 Nov 2020 14:43

Tgt Ion: 95 Resp: 100552
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.8
176 89.0 0.0 172.0

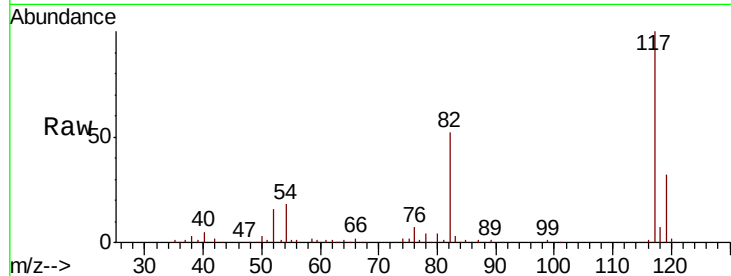




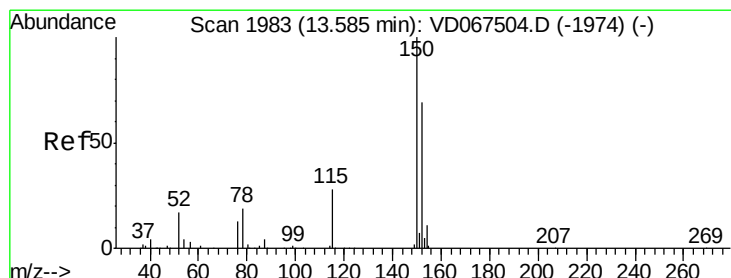
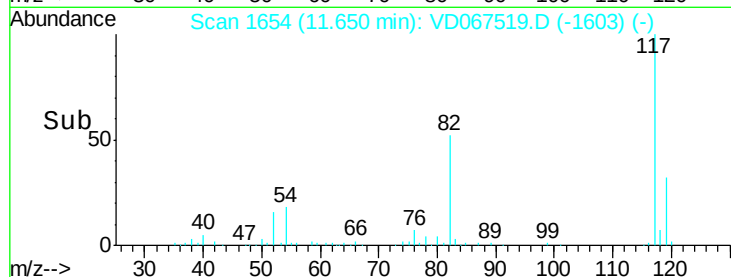
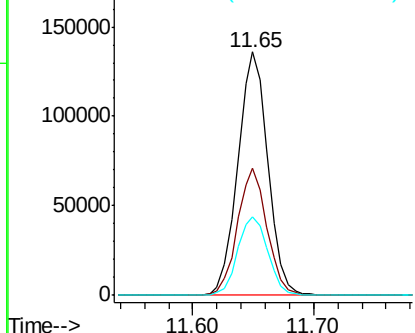
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067519.D
Acq: 04 Nov 2020 14:43

Instrument :
MSVOA_D
ClientSampled :
VOC

Tot Ion:117 Resp: 235701
Ion Ratio Lower Upper
117 100
82 52.0 41.6 62.4
119 32.4 25.1 37.7

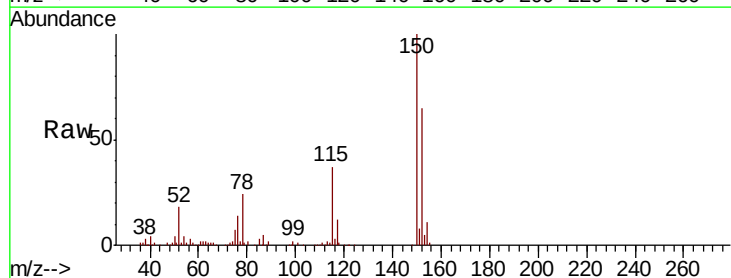


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067519.D
Acq: 04 Nov 2020 14:43

Tgt Ion:152 Resp: 118503
Ion Ratio Lower Upper
152 100
115 60.0 29.3 88.0
150 160.8 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

