

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102920\
 Data File : VD067452.D
 Acq On : 29 Oct 2020 15:19
 Operator : VA/SY
 Sample : L4560-01
 Misc : 5.36G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC1-SO-0001

Quant Time: Oct 30 03:21:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	26713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	39733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	44076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	22524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	18040	67.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.82%	
35) Dibromofluoromethane	7.92	113	15089	57.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.12%	
50) Toluene-d8	10.34	98	45828	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.64	95	18292	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	

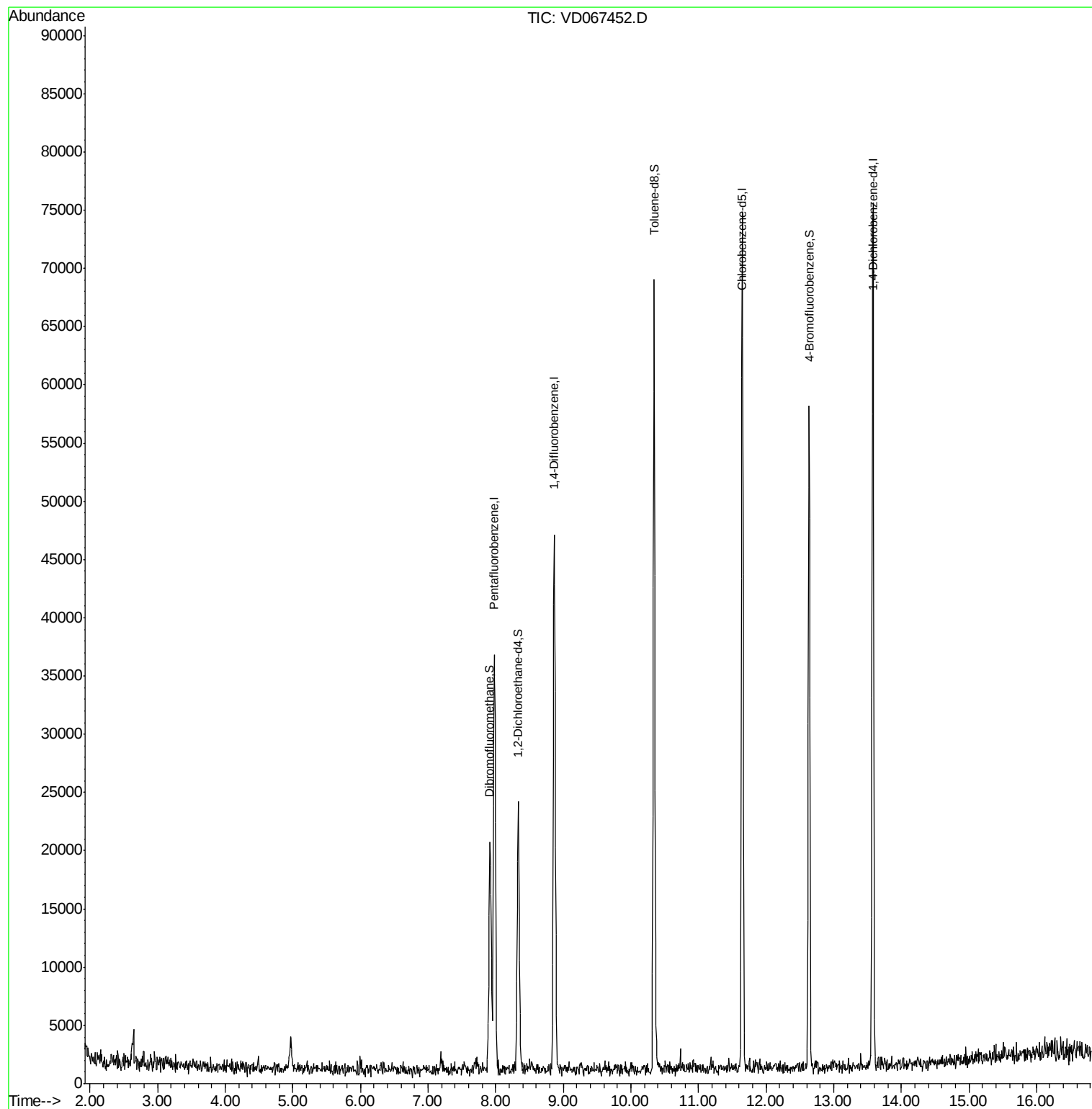
Target Compounds	Qvalue

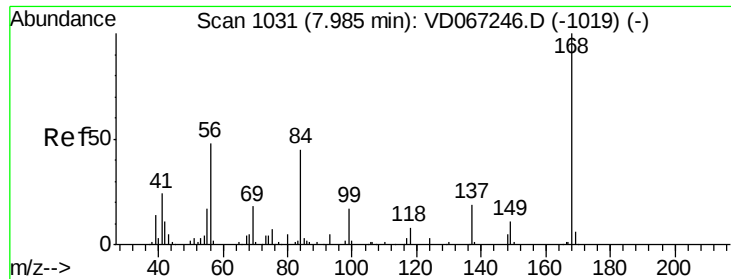
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067452.D

Acq: 29 Oct 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

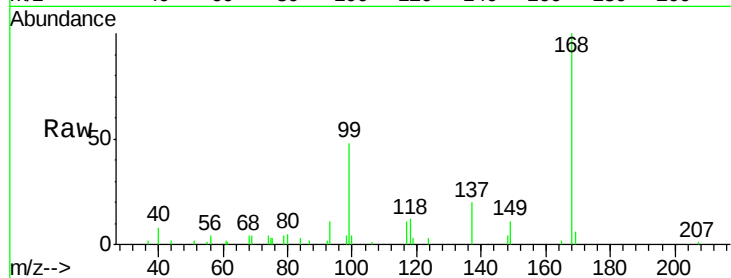
B308-B309-LOC1-SO-0001

Tot Ion:168 Resp: 26713

Ion Ratio Lower Upper

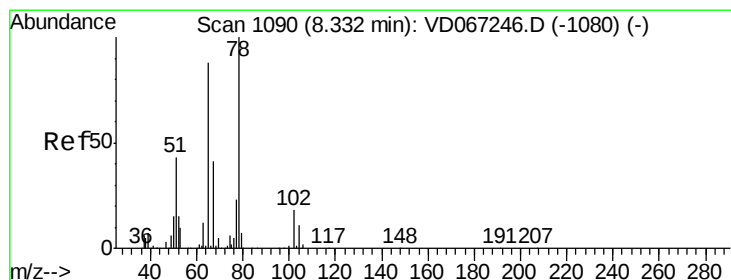
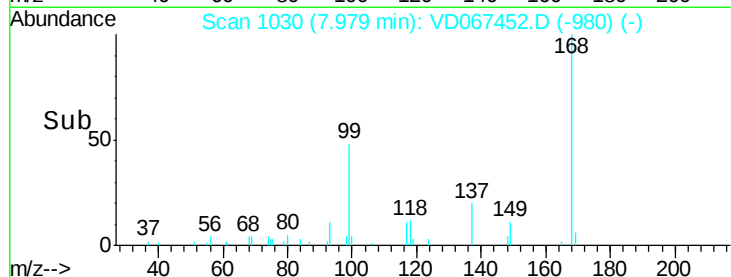
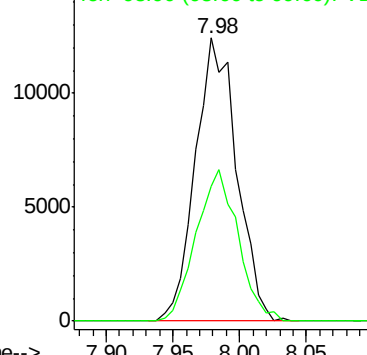
168 100

99 47.8 45.9 68.9



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: 67.408 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067452.D

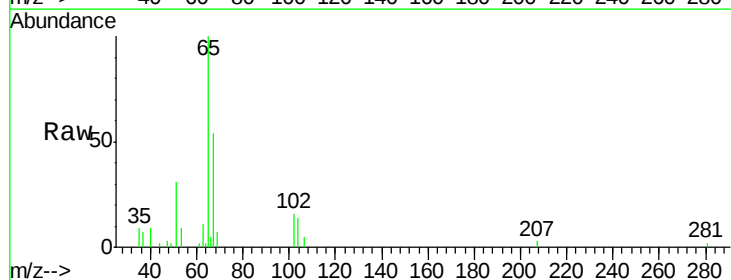
Acq: 29 Oct 2020 15:19

Tgt Ion: 65 Resp: 18040

Ion Ratio Lower Upper

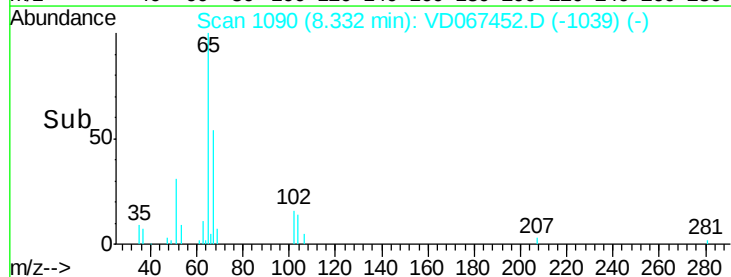
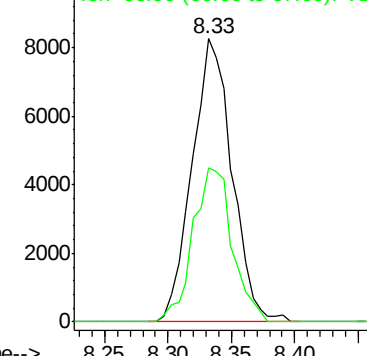
65 100

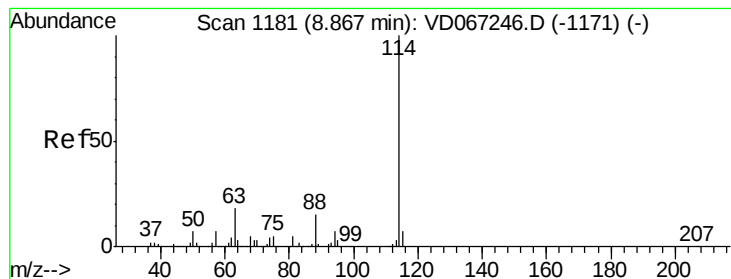
67 53.4 0.0 103.8



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. 0.00 min

Lab File: VD067452.D

Acq: 29 Oct 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC1-SO-0001

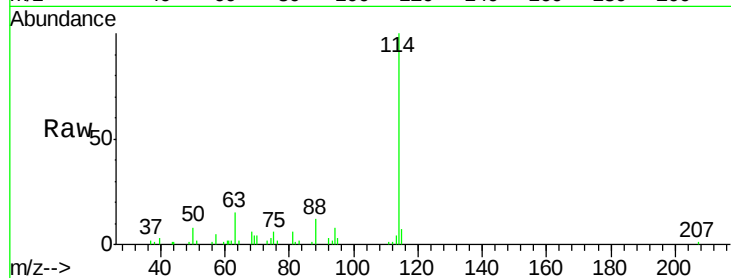
Tot Ion:114 Resp: 39733

Ion Ratio Lower Upper

114 100

63 14.7 0.0 35.0

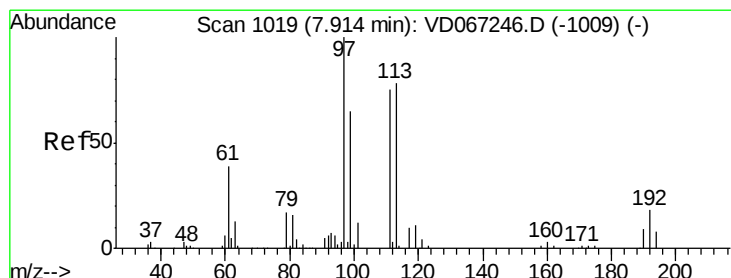
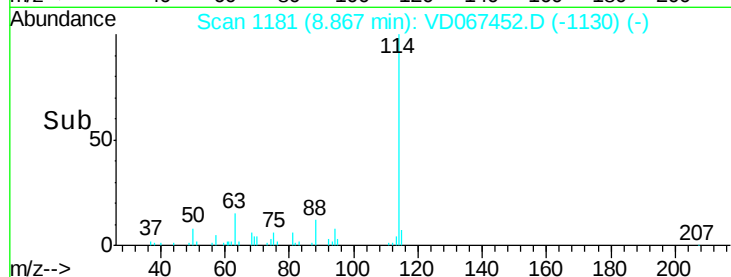
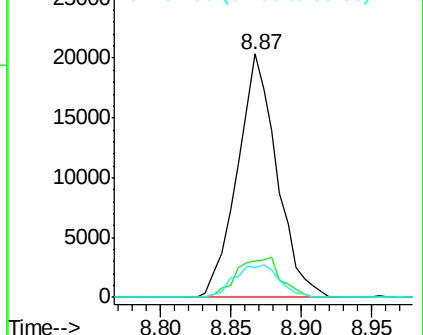
88 12.5 0.0 30.6



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: 57.064 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067452.D

Acq: 29 Oct 2020 15:19

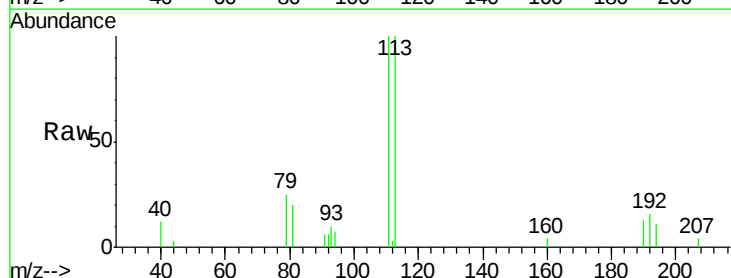
Tgt Ion:113 Resp: 15089

Ion Ratio Lower Upper

113 100

111 95.8 81.6 122.4

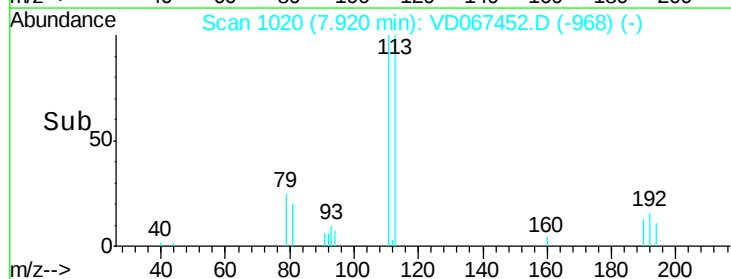
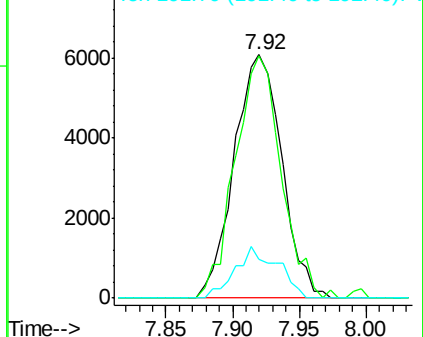
192 18.8 17.0 25.4

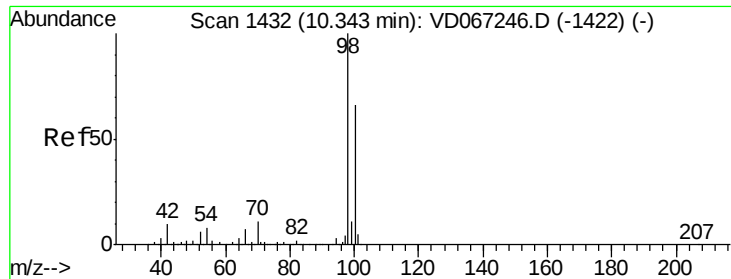


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

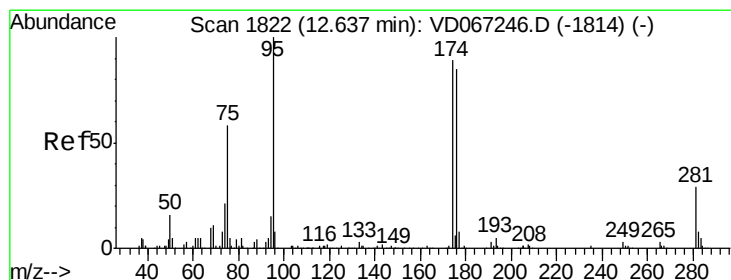
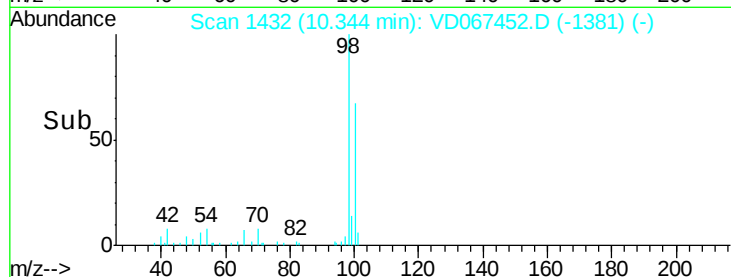
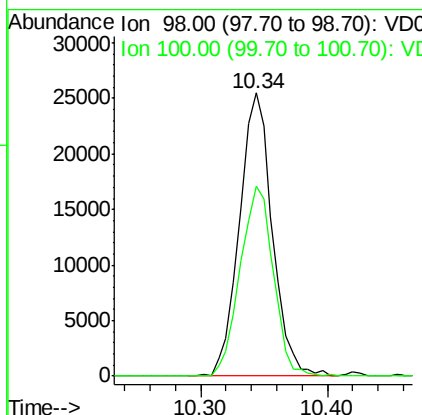
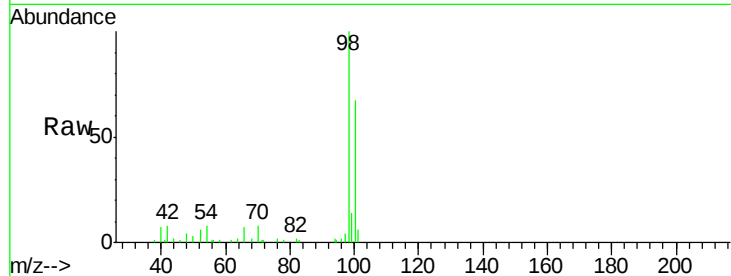




#50
Toluene-d8
Concen: 47.891 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067452.D
Acq: 29 Oct 2020 15:19

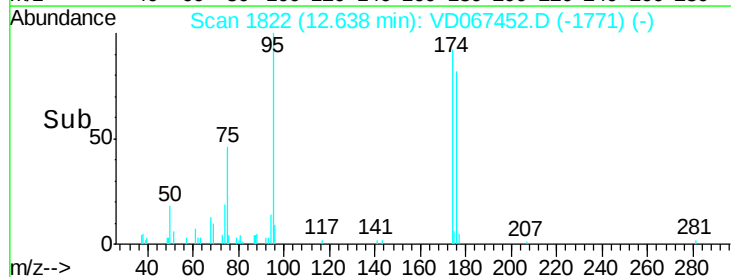
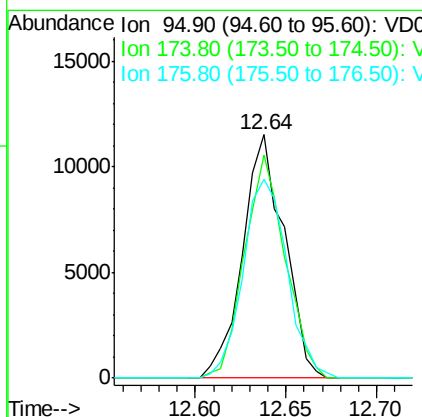
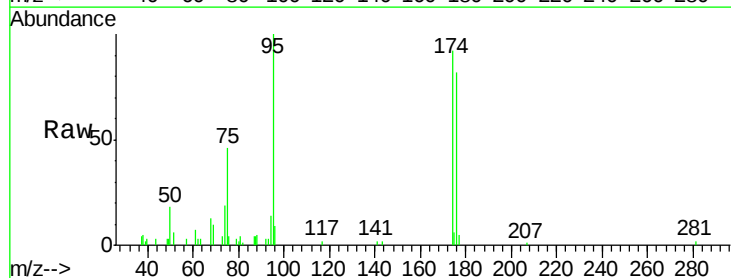
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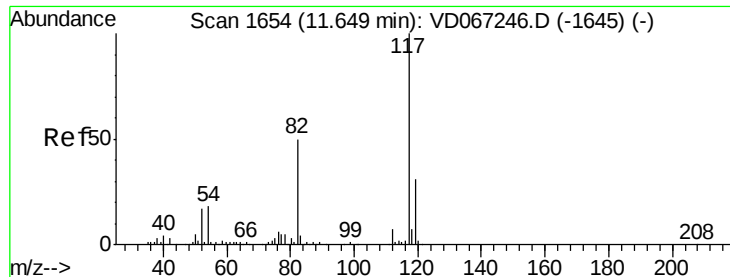
Tot Ion: 98 Resp: 45828
Ion Ratio Lower Upper
98 100
100 67.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.973 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067452.D
Acq: 29 Oct 2020 15:19

Tgt Ion: 95 Resp: 18292
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.2
176 87.1 0.0 168.6

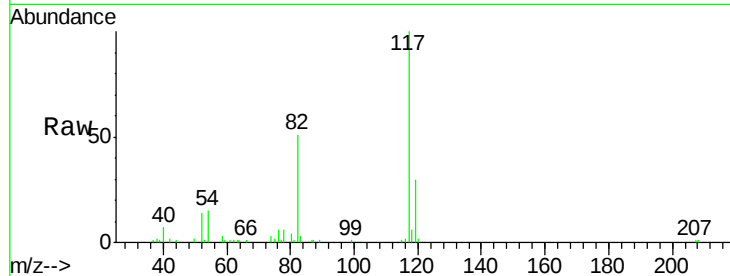




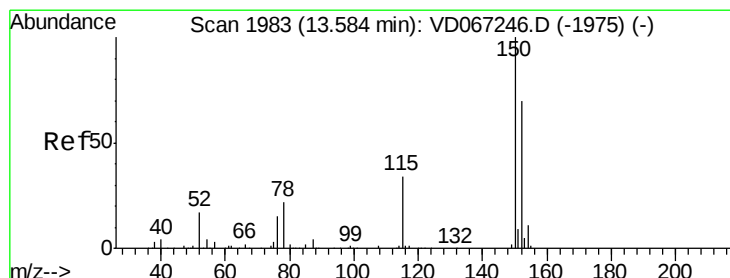
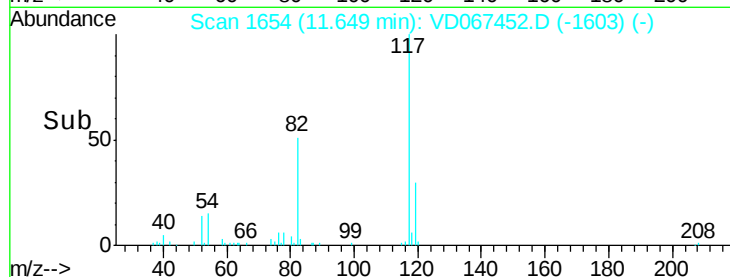
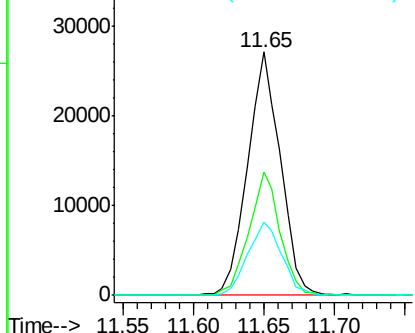
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067452.D
Acq: 29 Oct 2020 15:19

Instrument :
MSVOA_D
ClientSampleId :
B308-B309-LOC1-SO-0001

Tot Ion:117 Resp: 44076
Ion Ratio Lower Upper
117 100
82 50.7 39.9 59.9
119 30.3 24.9 37.3

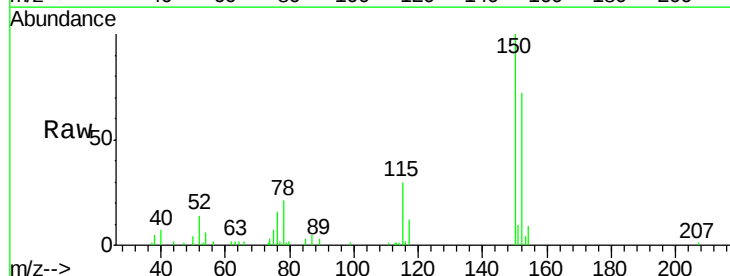


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067452.D
Acq: 29 Oct 2020 15:19

Tgt Ion:152 Resp: 22524
Ion Ratio Lower Upper
152 100
115 51.4 29.3 87.9
150 152.5 0.0 339.0



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

