

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101420\
 Data File : VD067262.D
 Acq On : 14 Oct 2020 11:02
 Operator : VA/SY
 Sample : VD1014SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBL01

Quant Time: Oct 15 06:22:44 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	355941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	592951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	557941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271263	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	188430	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.91	113	188431	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.34	98	688425	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.64	95	243738	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

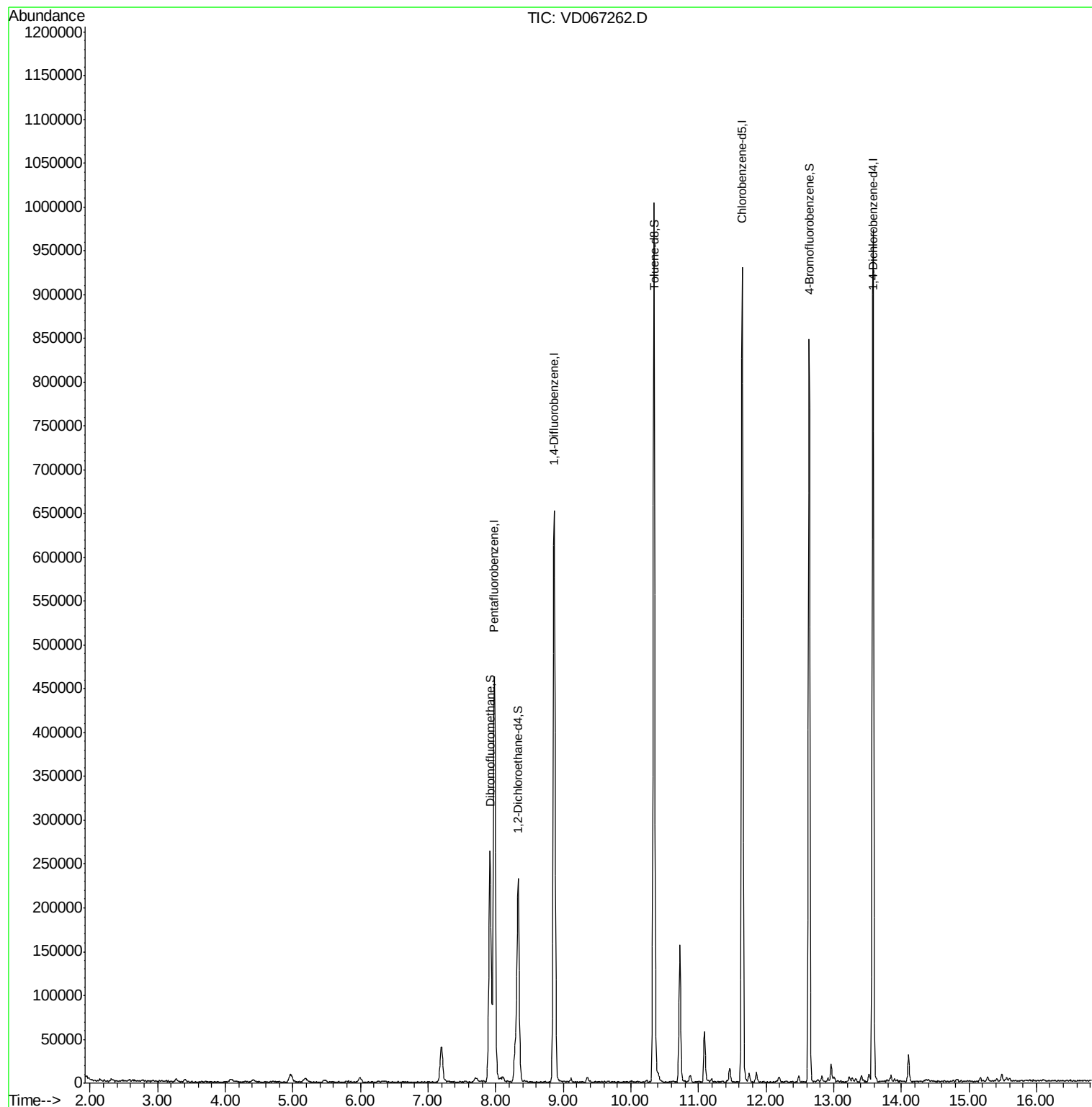
Target Compounds	Qvalue

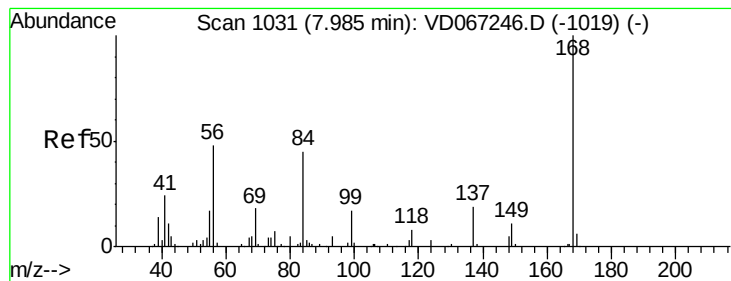
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067262.D

Acq: 14 Oct 2020 11:02

Instrument :

MSVOA_D

ClientSampleId :

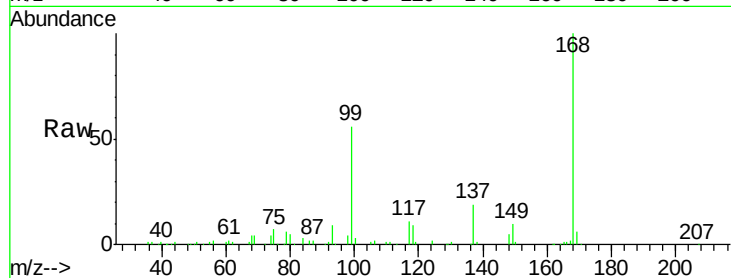
VD1014SBL01

Tot Ion:168 Resp: 355941

Ion Ratio Lower Upper

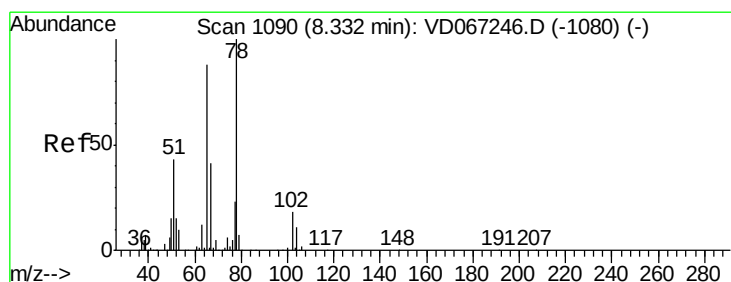
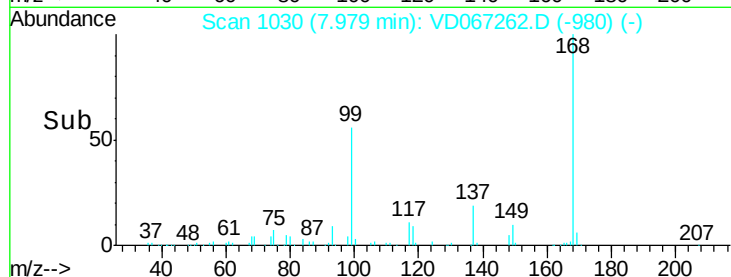
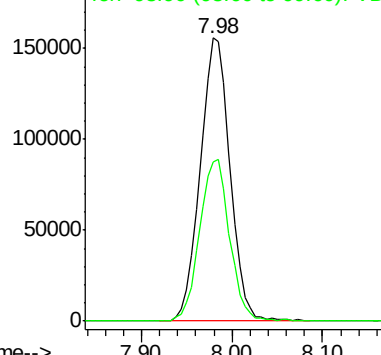
168 100

99 56.0 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: 52.841 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067262.D

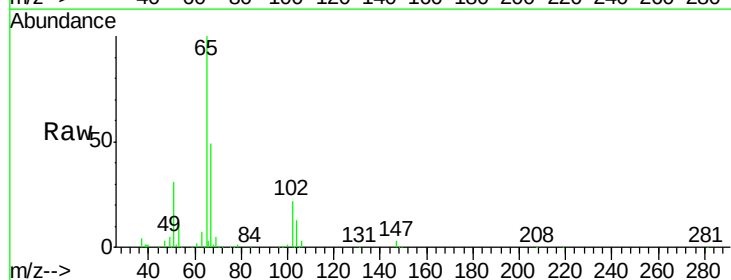
Acq: 14 Oct 2020 11:02

Tgt Ion: 65 Resp: 188430

Ion Ratio Lower Upper

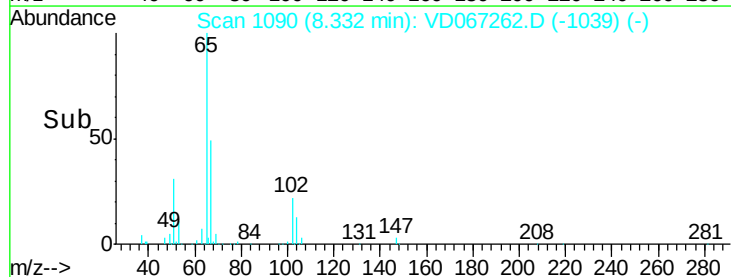
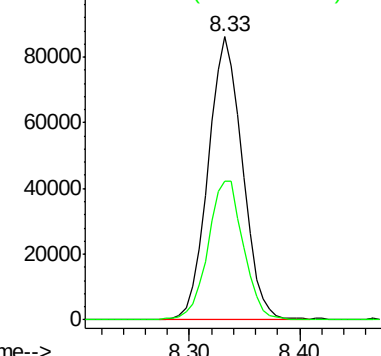
65 100

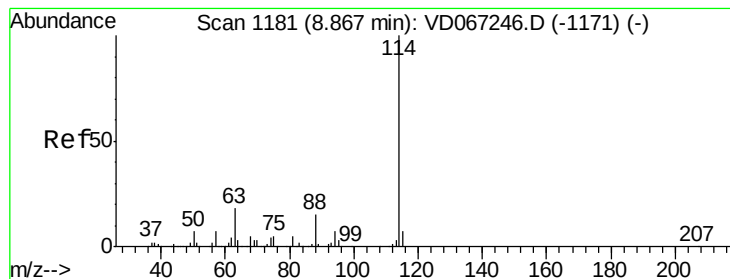
67 50.8 0.0 103.8



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: VD067262.D

Acq: 14 Oct 2020 11:02

Instrument :

MSVOA_D

ClientSampleId :

VD1014SBL01

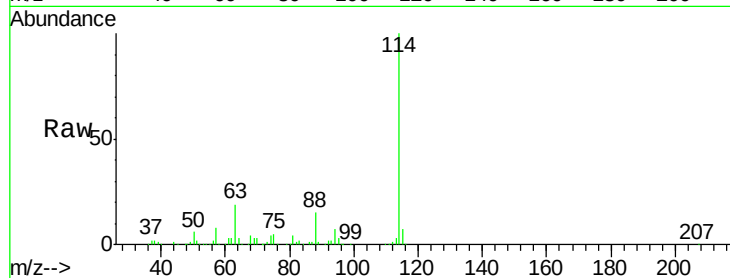
Tot Ion:114 Resp: 592951

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

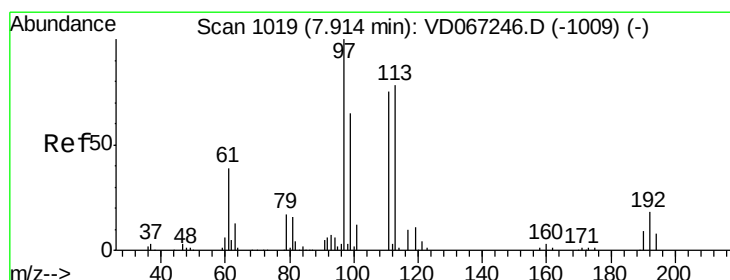
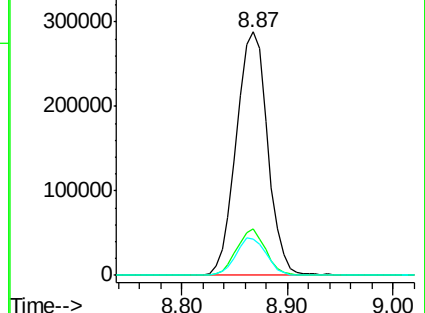
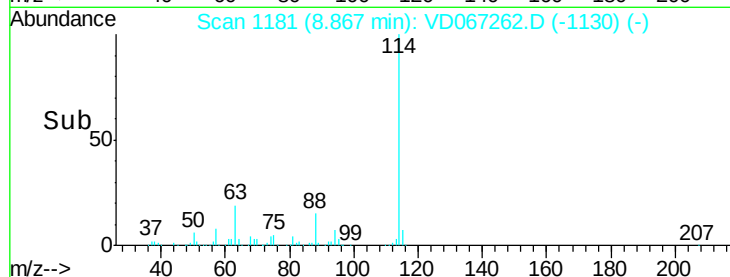
88 15.1 0.0 30.6



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: 47.751 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067262.D

Acq: 14 Oct 2020 11:02

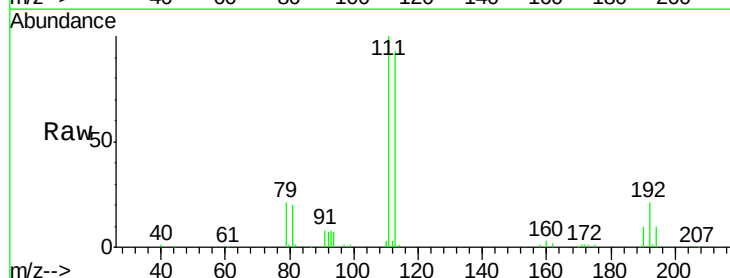
Tgt Ion:113 Resp: 188431

Ion Ratio Lower Upper

113 100

111 104.6 81.6 122.4

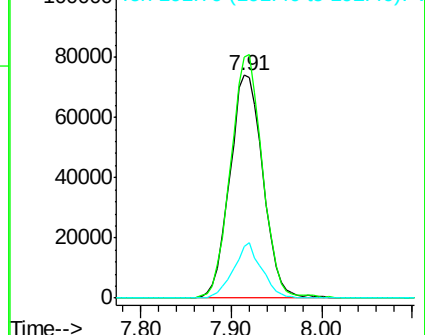
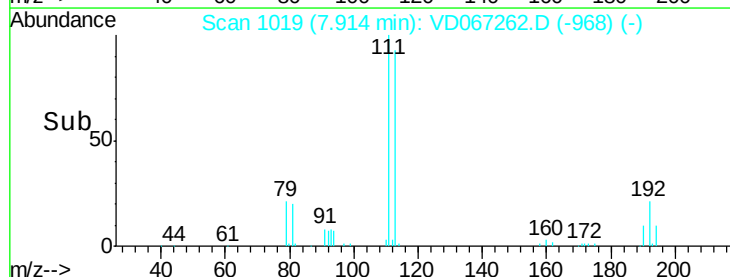
192 21.1 17.0 25.4

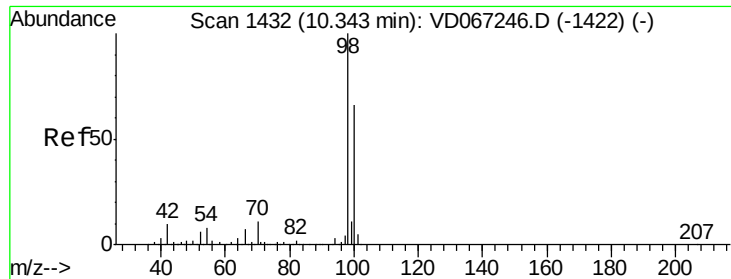


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

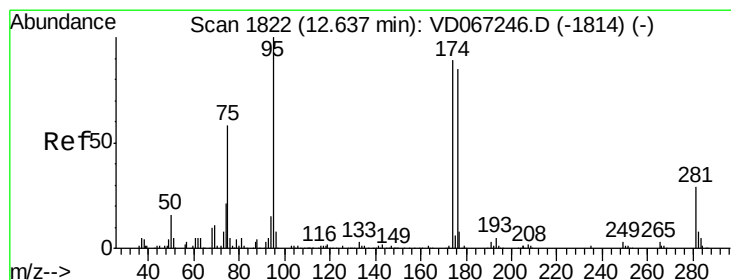
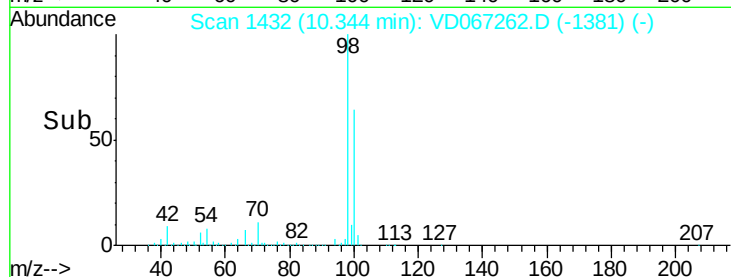
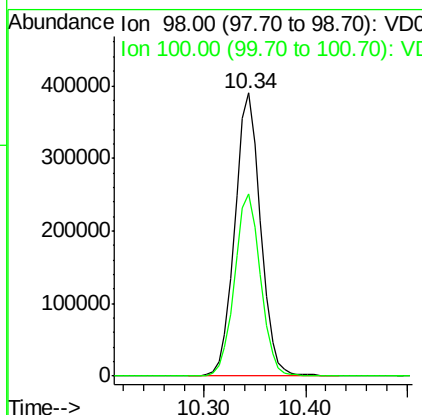
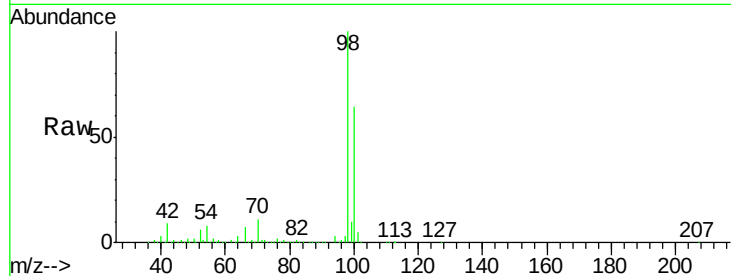




#50
Toluene-d8
Concen: 48.207 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067262.D
Acq: 14 Oct 2020 11:02

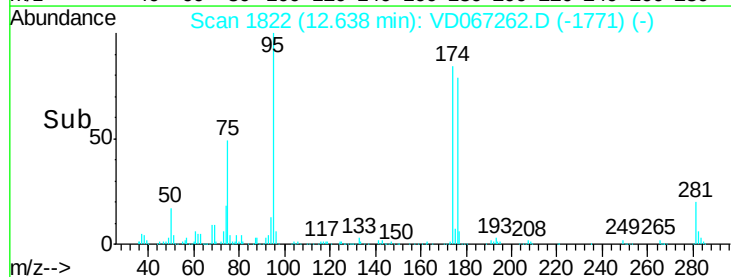
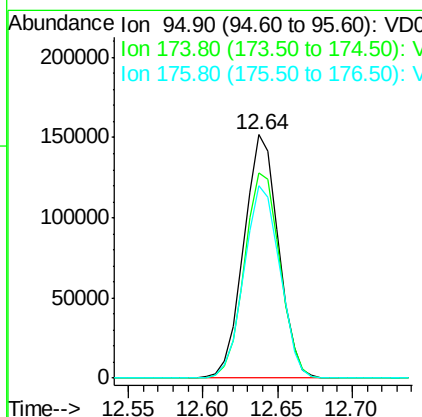
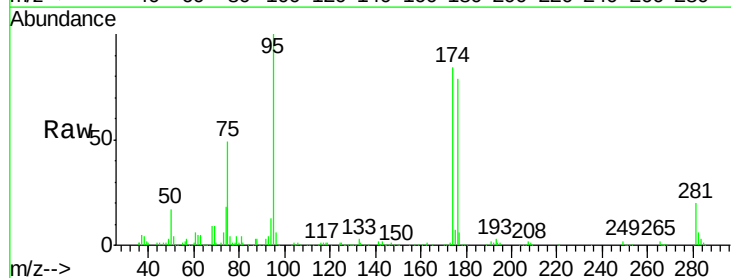
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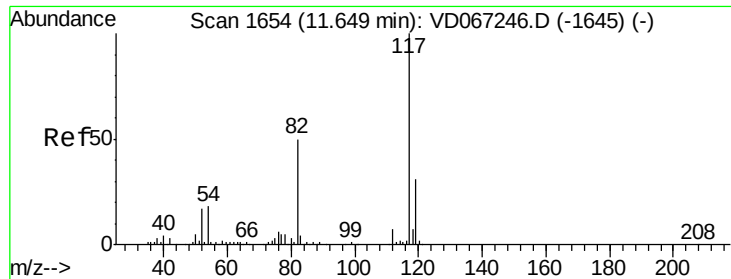
Tot Ion: 98 Resp: 688425
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.085 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067262.D
Acq: 14 Oct 2020 11:02

Tgt Ion: 95 Resp: 243738
Ion Ratio Lower Upper
95 100
174 86.5 0.0 175.2
176 81.2 0.0 168.6

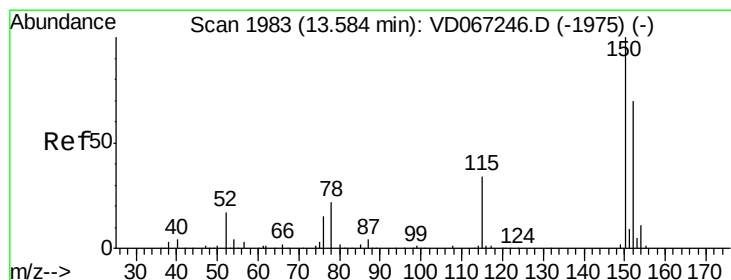
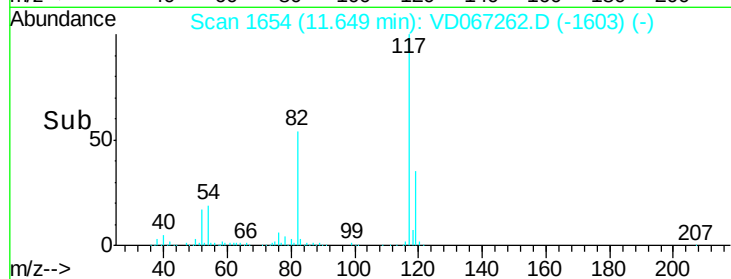
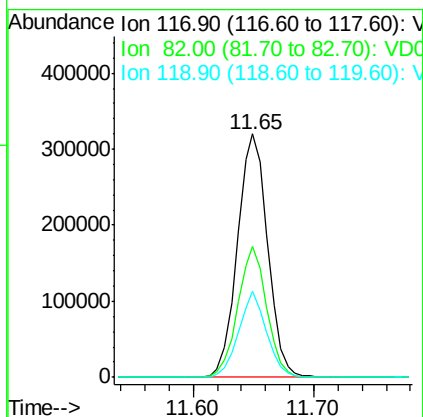
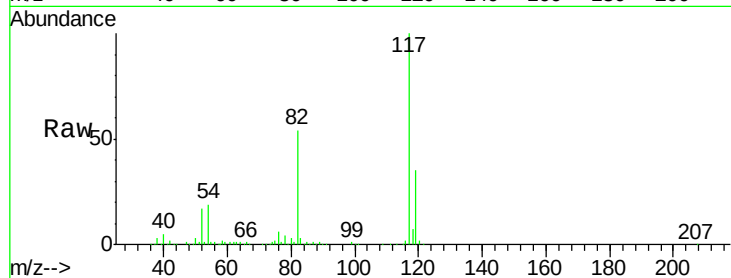




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067262.D
Acq: 14 Oct 2020 11:02

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBL01

Tot Ion:117 Resp: 557941
Ion Ratio Lower Upper
117 100
82 54.0 39.9 59.9
119 35.4 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: VD067262.D
Acq: 14 Oct 2020 11:02

Tgt Ion:152 Resp: 271263
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.9
150 153.5 0.0 339.0

