

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067392.D
 Acq On : 26 Oct 2020 15:07
 Operator : VA/SY
 Sample : L4510-02
 Misc : 6.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-2

Quant Time: Oct 27 01:22:09 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	308011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	500420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	492167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241752	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	167489	54.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.56%	
35) Dibromofluoromethane	7.92	113	162191	48.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.40%	
50) Toluene-d8	10.34	98	595071	49.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.64	95	207997	49.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.26%	

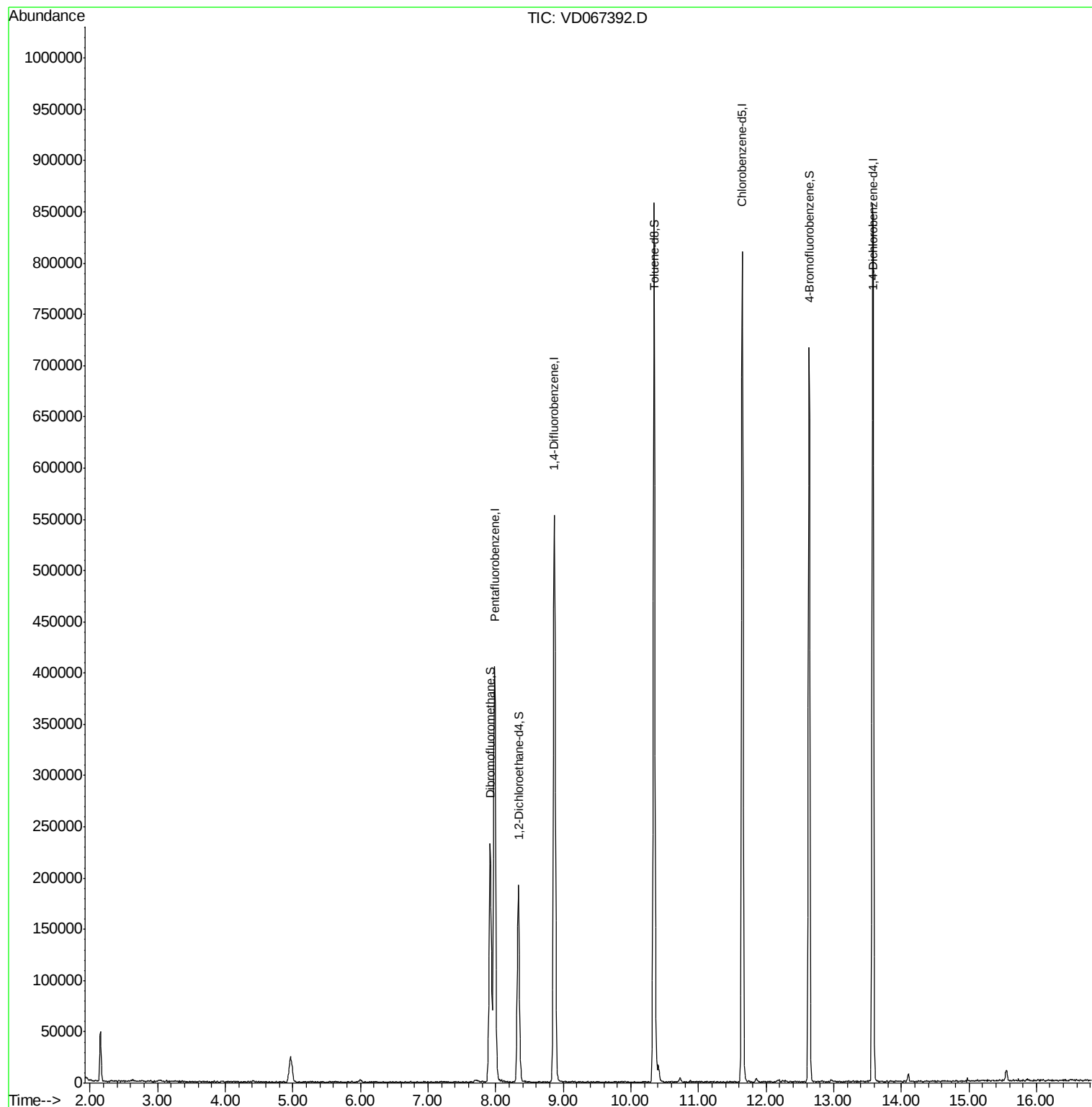
Target Compounds	Qvalue

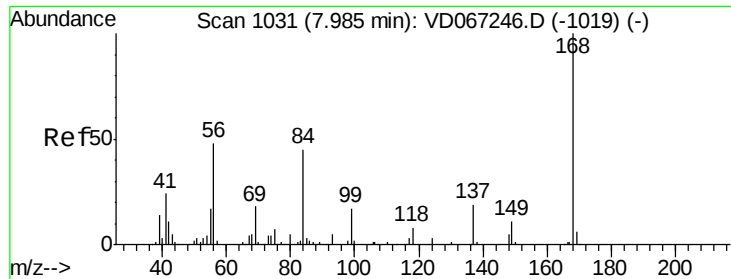
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067392.D

Acq: 26 Oct 2020 15:07

Instrument :

MSVOA_D

ClientSampleId :

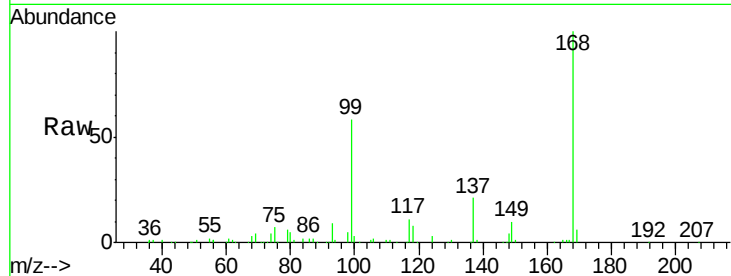
VOC-2

Tot Ion:168 Resp: 308011

Ion Ratio Lower Upper

168 100

99 58.1 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

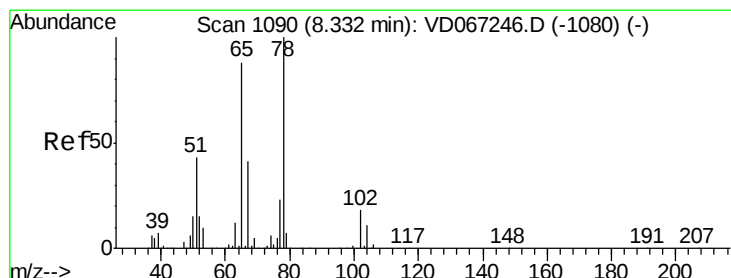
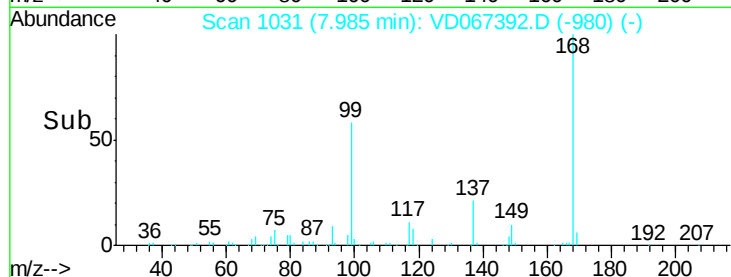
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.277 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067392.D

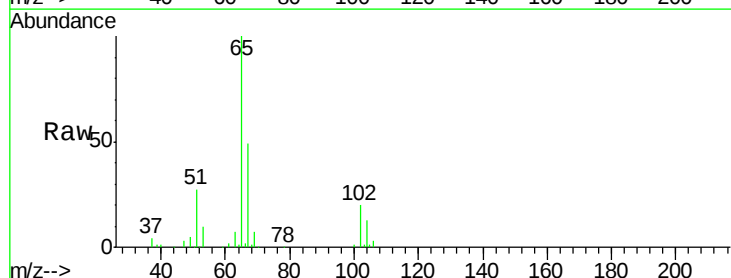
Acq: 26 Oct 2020 15:07

Tgt Ion: 65 Resp: 167489

Ion Ratio Lower Upper

65 100

67 46.0 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

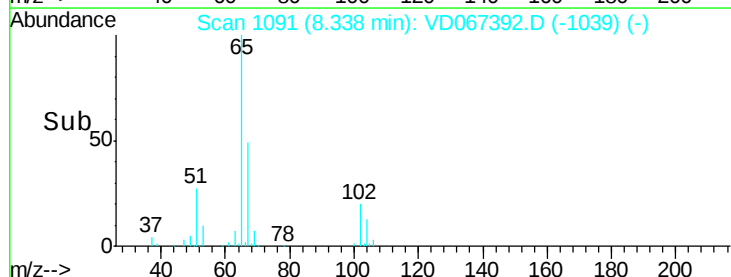
40000

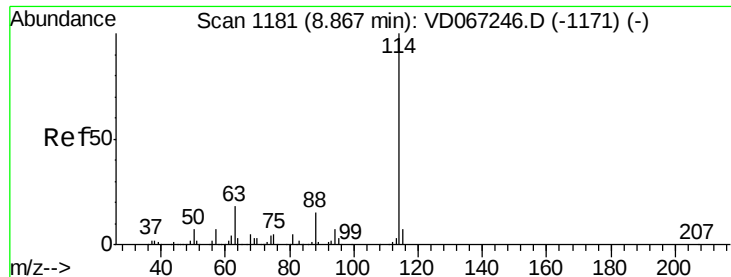
20000

0

Time-->

8.20 8.30 8.40

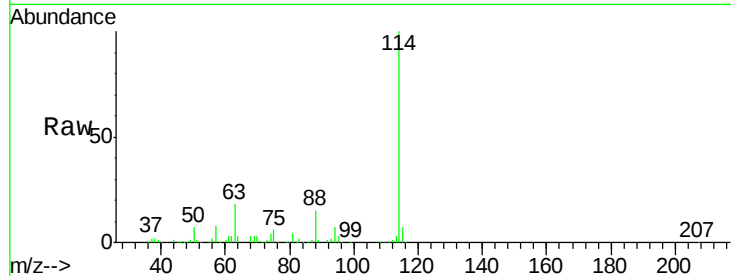




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067392.D
 Acq: 26 Oct 2020 15:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-2

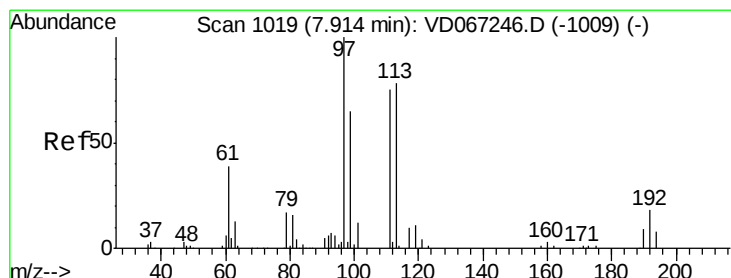
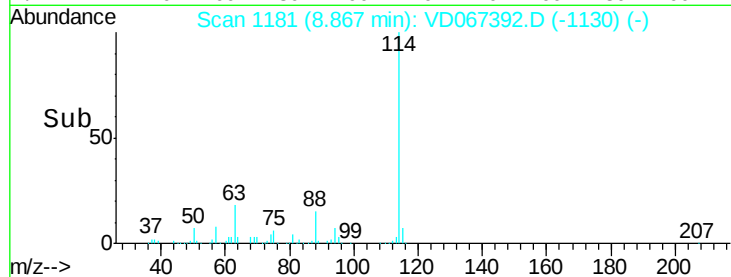
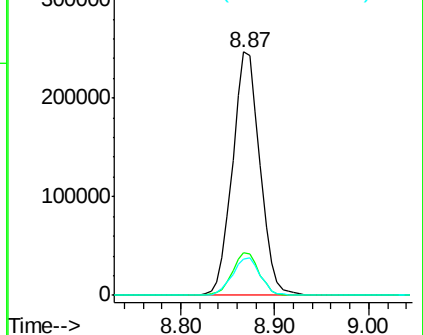
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.0
88	14.7	0.0	30.6



Abundance Ion 113.90 (113.60 to 114.60): V

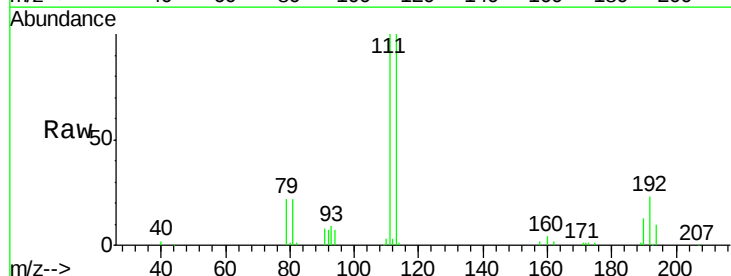
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 48.702 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067392.D
 Acq: 26 Oct 2020 15:07

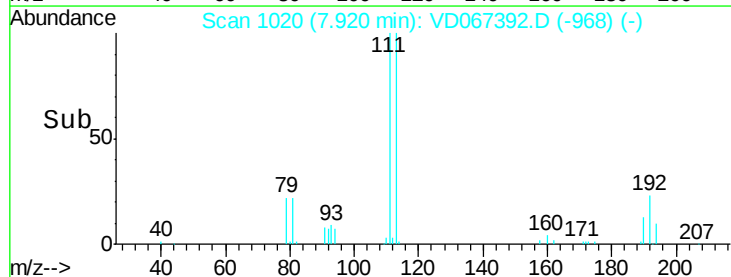
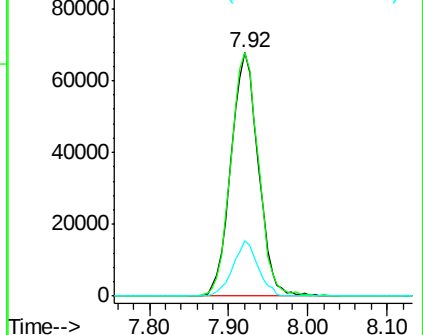
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.6	122.4
192	21.0	17.0	25.4

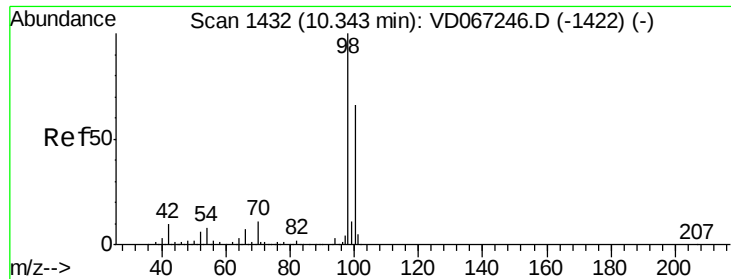


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.375 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067392.D

Acq: 26 Oct 2020 15:07

Instrument :

MSVOA_D

ClientSampleId :

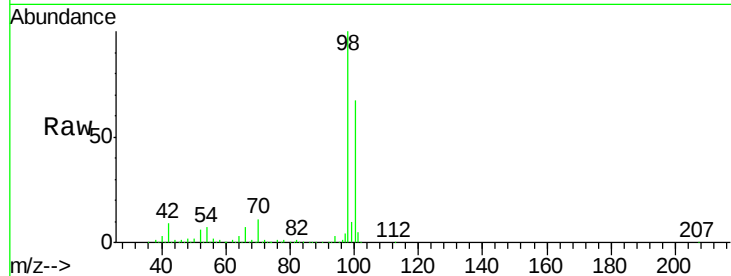
VOC-2

Tot Ion: 98 Resp: 595071

Ion Ratio Lower Upper

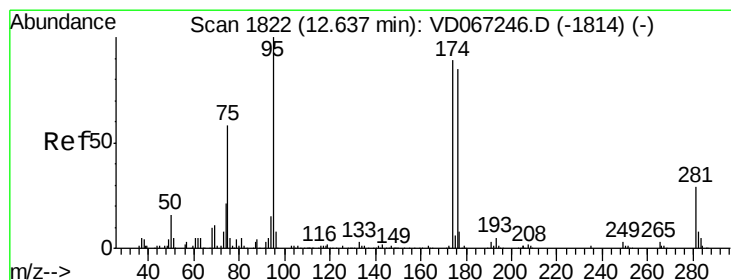
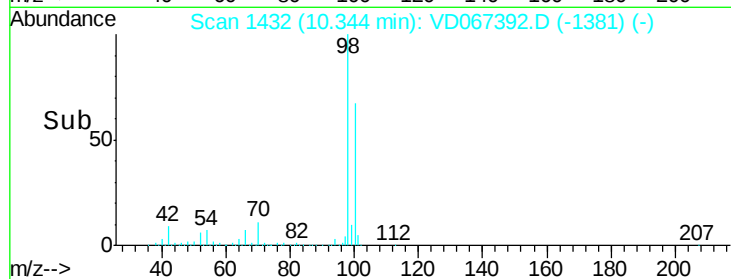
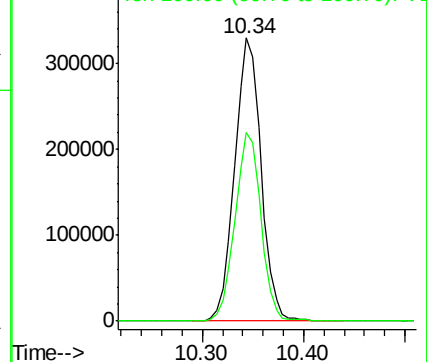
98 100

100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 49.632 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067392.D

Acq: 26 Oct 2020 15:07

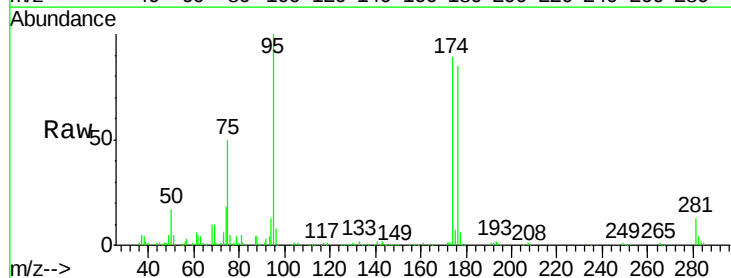
Tgt Ion: 95 Resp: 207997

Ion Ratio Lower Upper

95 100

174 89.8 0.0 175.2

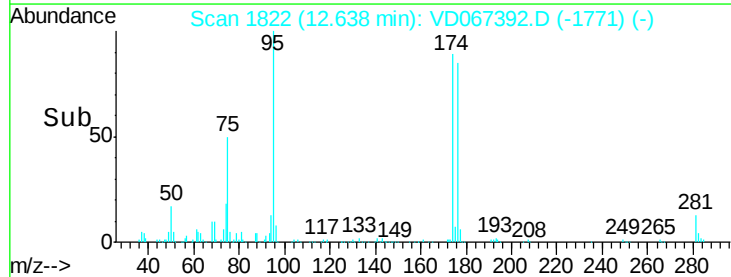
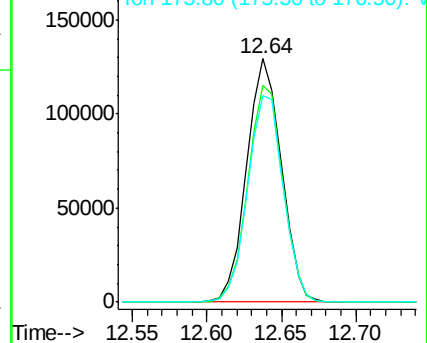
176 87.1 0.0 168.6

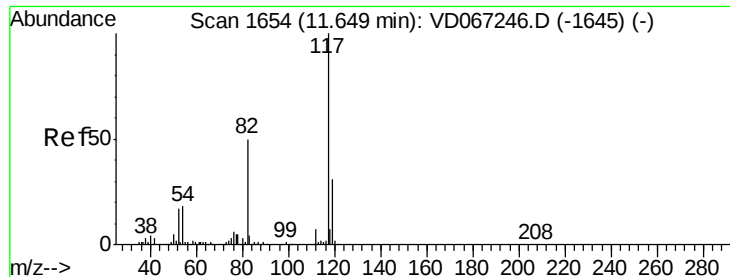


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

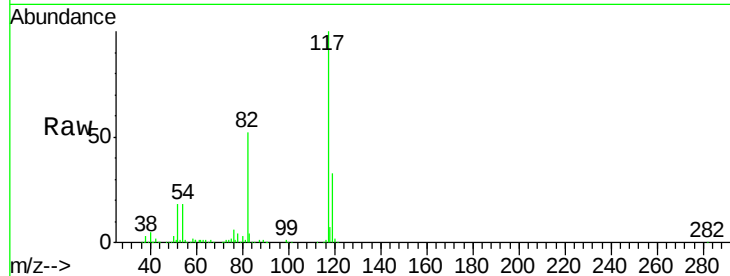




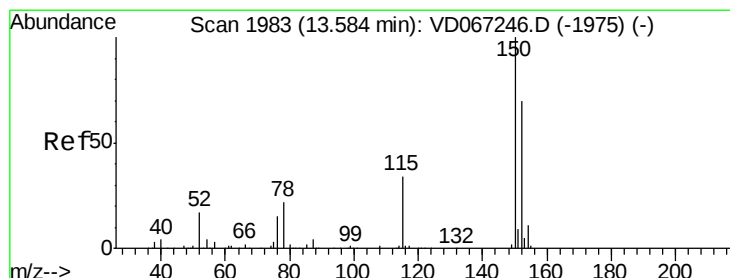
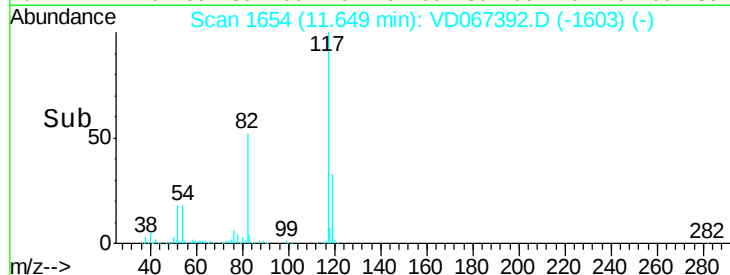
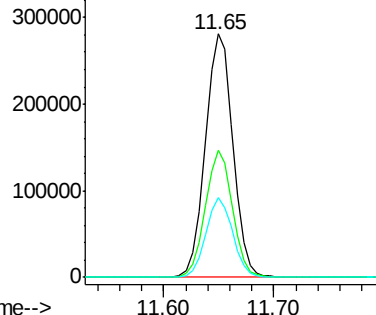
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067392.D
Acq: 26 Oct 2020 15:07

Instrument :
MSVOA_D
ClientSampleId :
VOC-2

Tot Ion:117 Resp: 492167
Ion Ratio Lower Upper
117 100
82 52.1 39.9 59.9
119 32.7 24.9 37.3

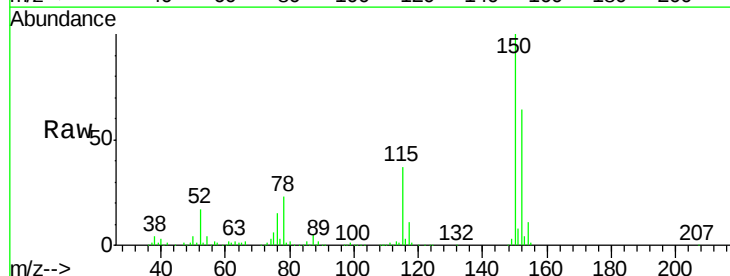


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067392.D
Acq: 26 Oct 2020 15:07

Tgt Ion:152 Resp: 241752
Ion Ratio Lower Upper
152 100
115 58.1 29.3 87.9
150 159.0 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

