

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067399.D
 Acq On : 26 Oct 2020 18:20
 Operator : VA/SY
 Sample : L4510-12
 Misc : 6.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-12

Quant Time: Oct 27 01:37:47 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	7.99	168	293265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	488998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	477552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231511	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	155537	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	7.92	113	158836	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.34	98	581175	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.64	95	203078	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

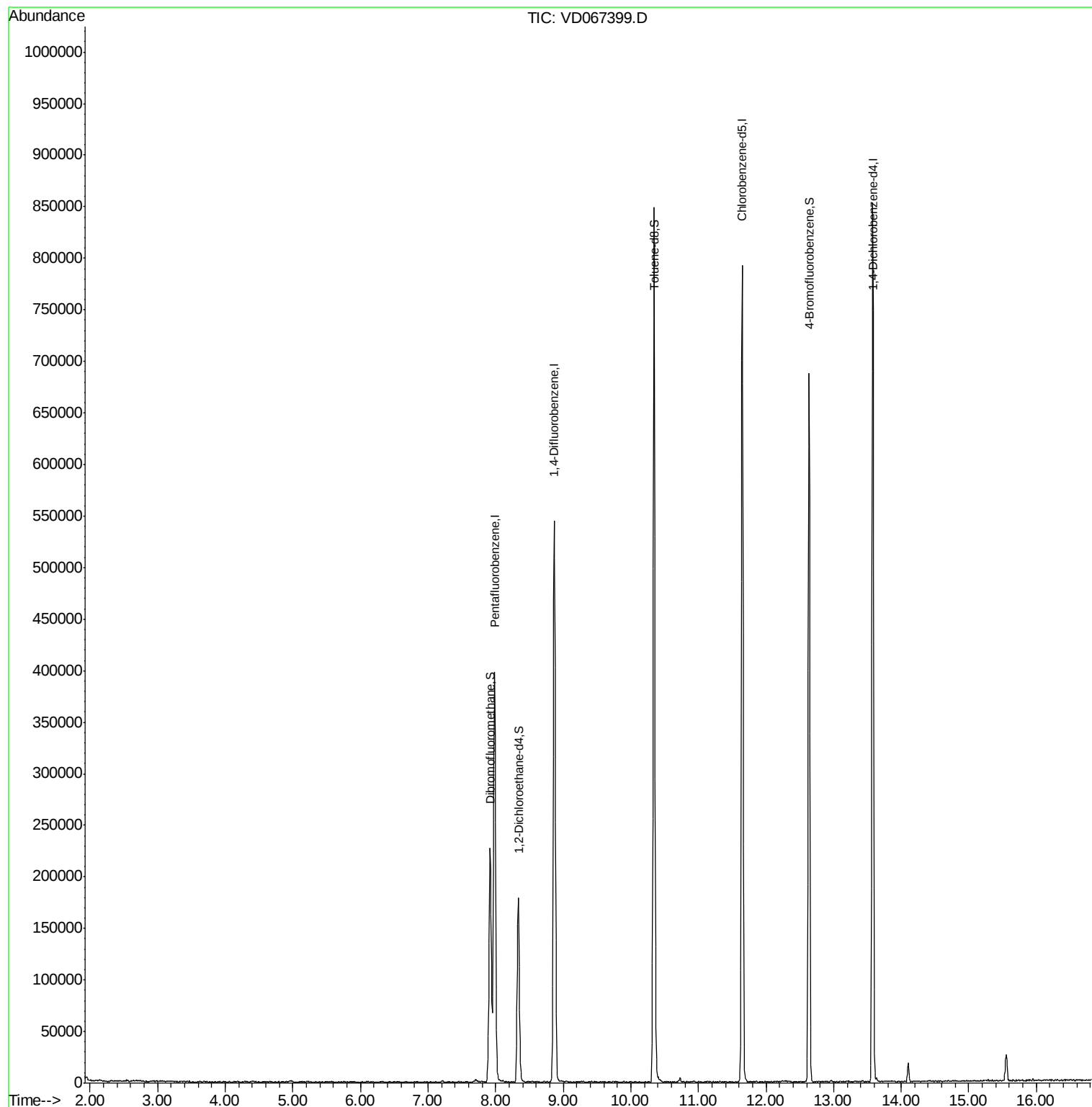
Target Compounds	Qvalue

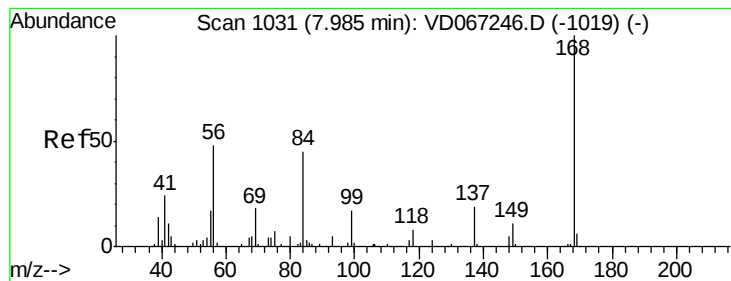
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067399.D

Acq: 26 Oct 2020 18:20

Instrument :

MSVOA_D

ClientSampleId :

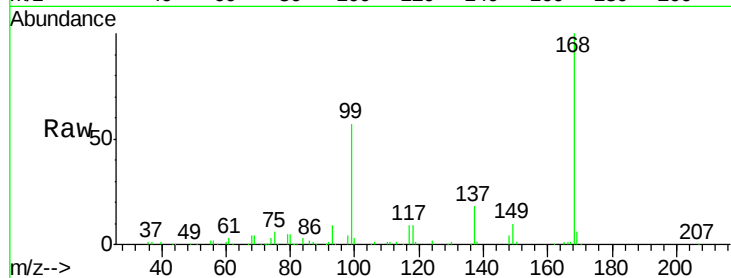
VOC-12

Tot Ion:168 Resp: 293265

Ion Ratio Lower Upper

168 100

99 56.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

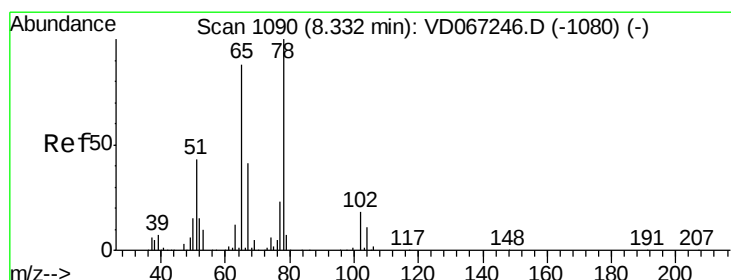
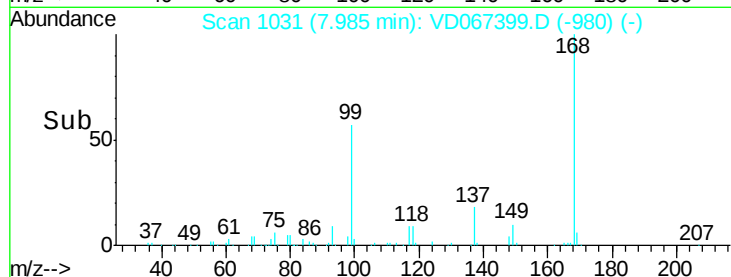
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.938 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067399.D

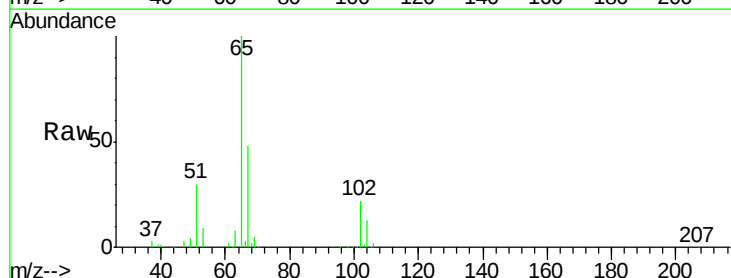
Acq: 26 Oct 2020 18:20

Tgt Ion: 65 Resp: 155537

Ion Ratio Lower Upper

65 100

67 49.6 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

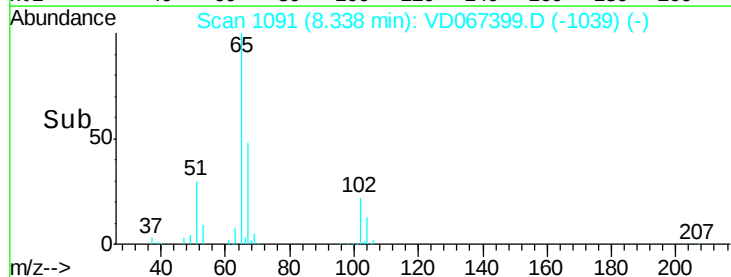
60000

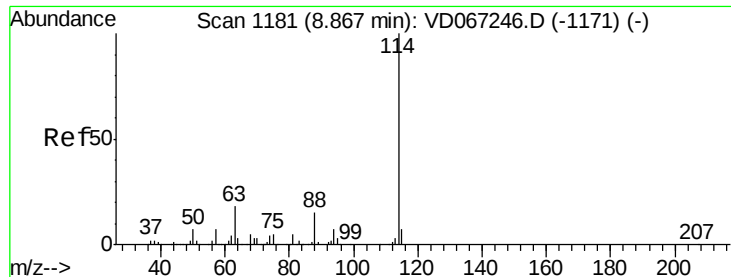
40000

20000

0

Time-->

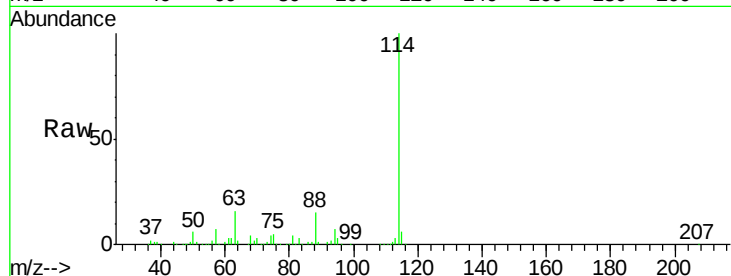




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument :
MSVOA_D
ClientSampleId :
VOC-12

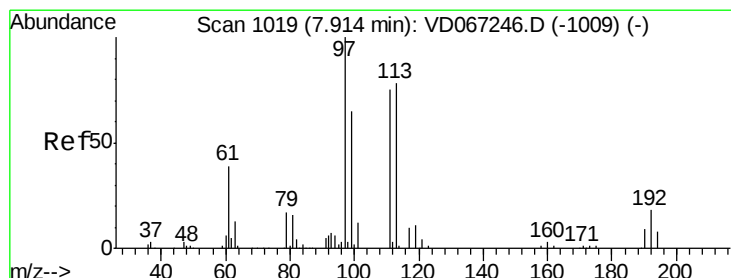
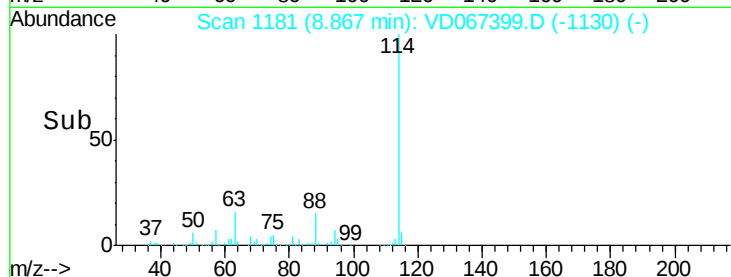
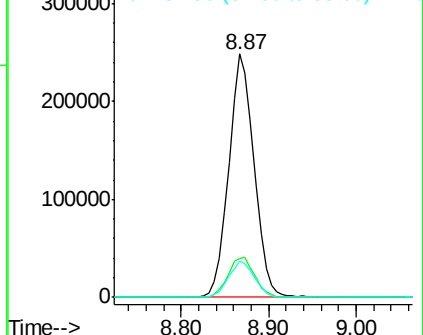
Tot Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	35.0
88	14.9	0.0	30.6



Abundance Ion 113.90 (113.60 to 114.60): V

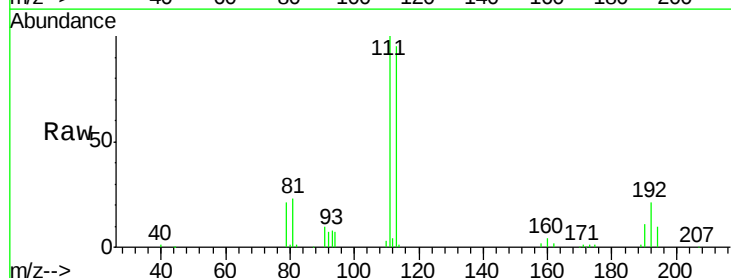
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
Dibromofluoromethane
Concen: 48.808 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

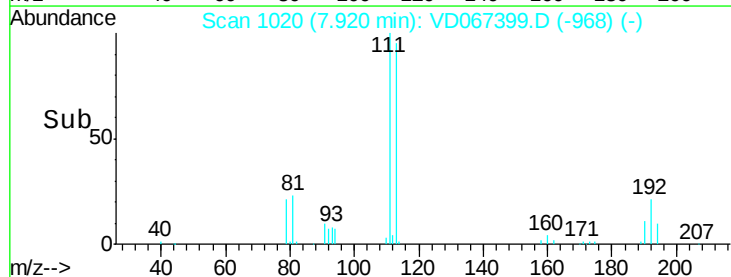
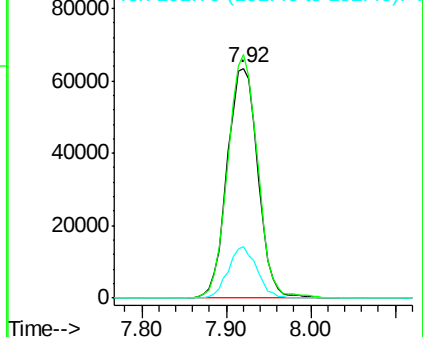
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.6	122.4
192	20.7	17.0	25.4

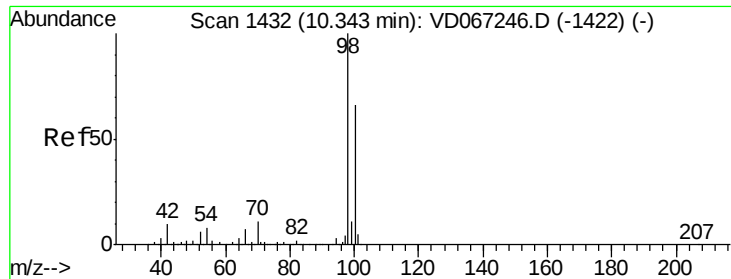


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.348 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067399.D

Acq: 26 Oct 2020 18:20

Instrument :

MSVOA_D

ClientSampleId :

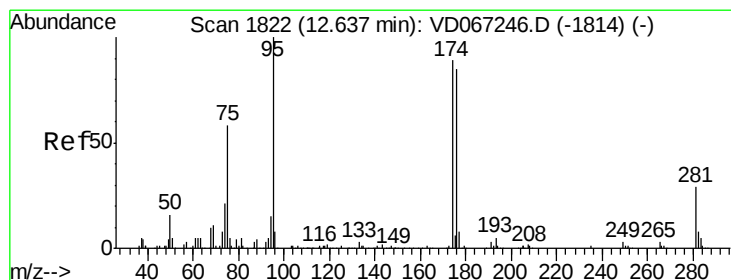
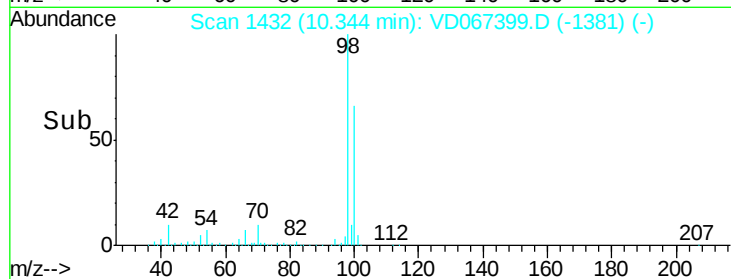
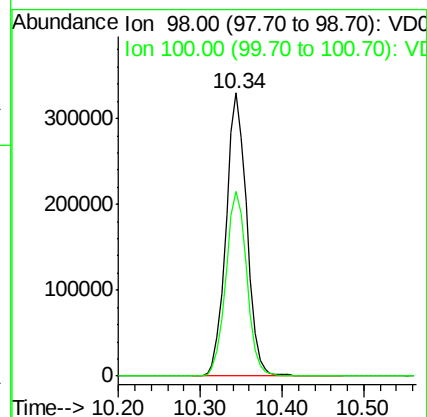
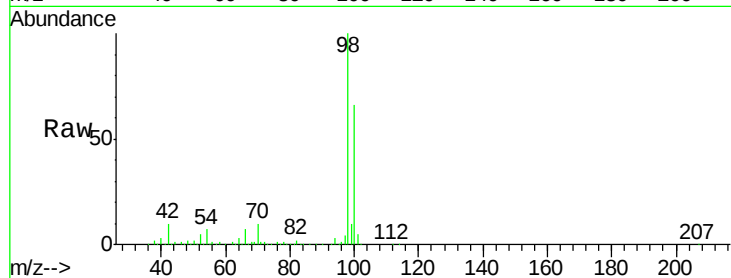
VOC-12

Tot Ion: 98 Resp: 581175

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 49.590 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067399.D

Acq: 26 Oct 2020 18:20

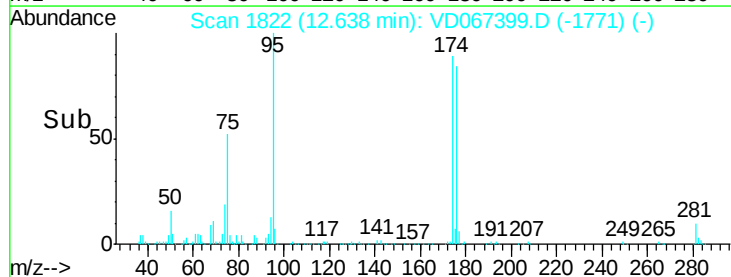
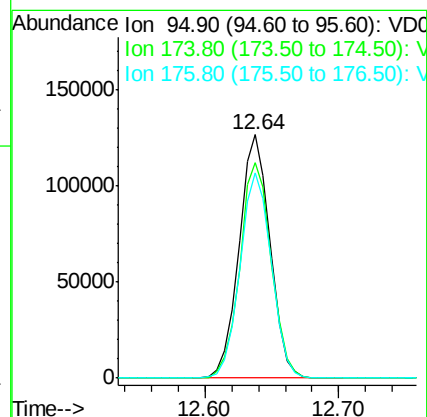
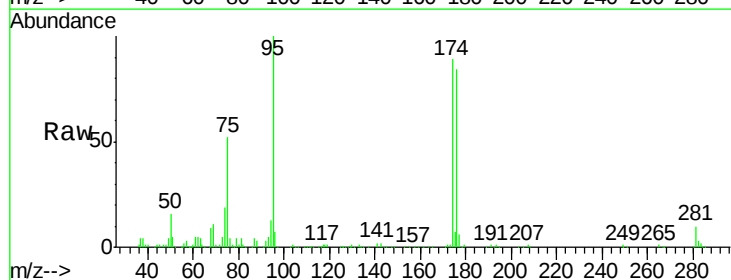
Tgt Ion: 95 Resp: 203078

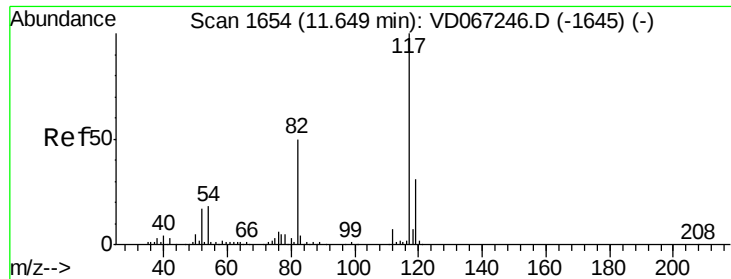
Ion Ratio Lower Upper

95 100

174 89.3 0.0 175.2

176 84.9 0.0 168.6

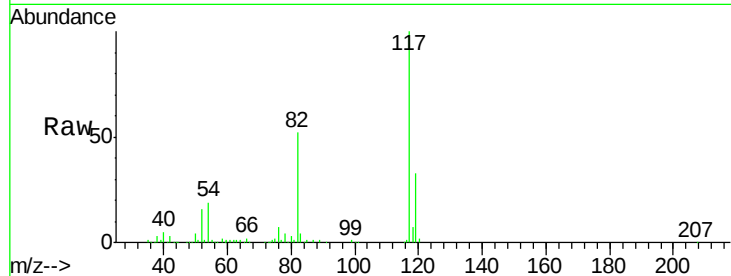




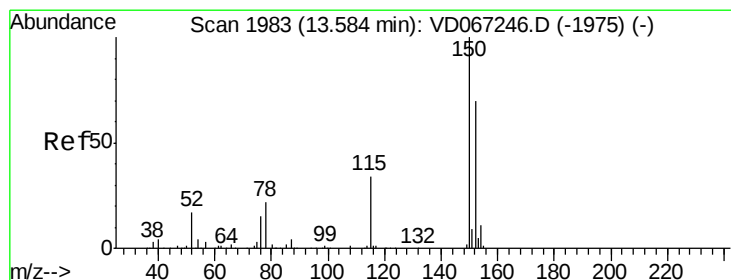
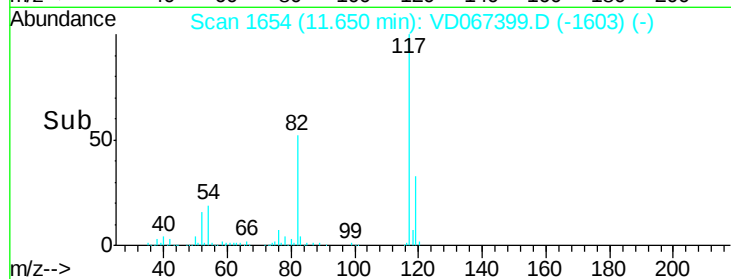
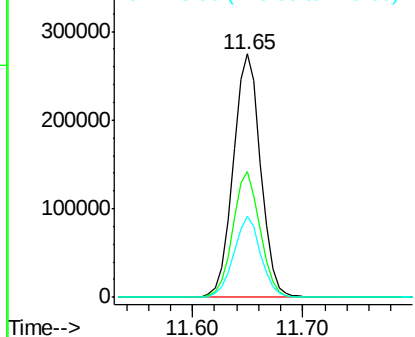
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Instrument :
MSVOA_D
ClientSampleId :
VOC-12

Tot Ion:117 Resp: 477552
Ion Ratio Lower Upper
117 100
82 51.8 39.9 59.9
119 33.1 24.9 37.3

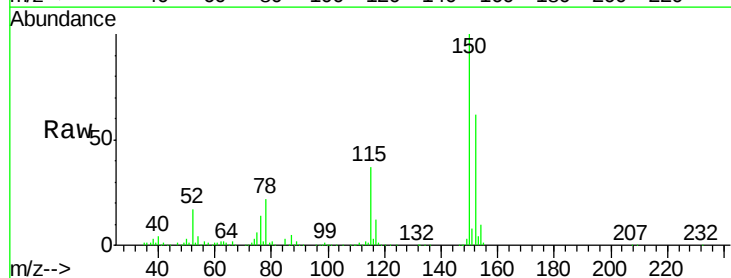


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067399.D
Acq: 26 Oct 2020 18:20

Tgt Ion:152 Resp: 231511
Ion Ratio Lower Upper
152 100
115 60.5 29.3 87.9
150 157.9 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

