

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066746.D
 Acq On : 17 Sep 2020 16:00
 Operator : VA/SY
 Sample : L4062-01
 Misc : 7.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-CF-1

Quant Time: Sep 28 08:19:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	392001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	702427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	679431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	299969	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	247789	59.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.50%	
35) Dibromofluoromethane	7.91	113	237588	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
50) Toluene-d8	10.34	98	869118	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
62) 4-Bromofluorobenzene	12.63	95	294337	55.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.14%	

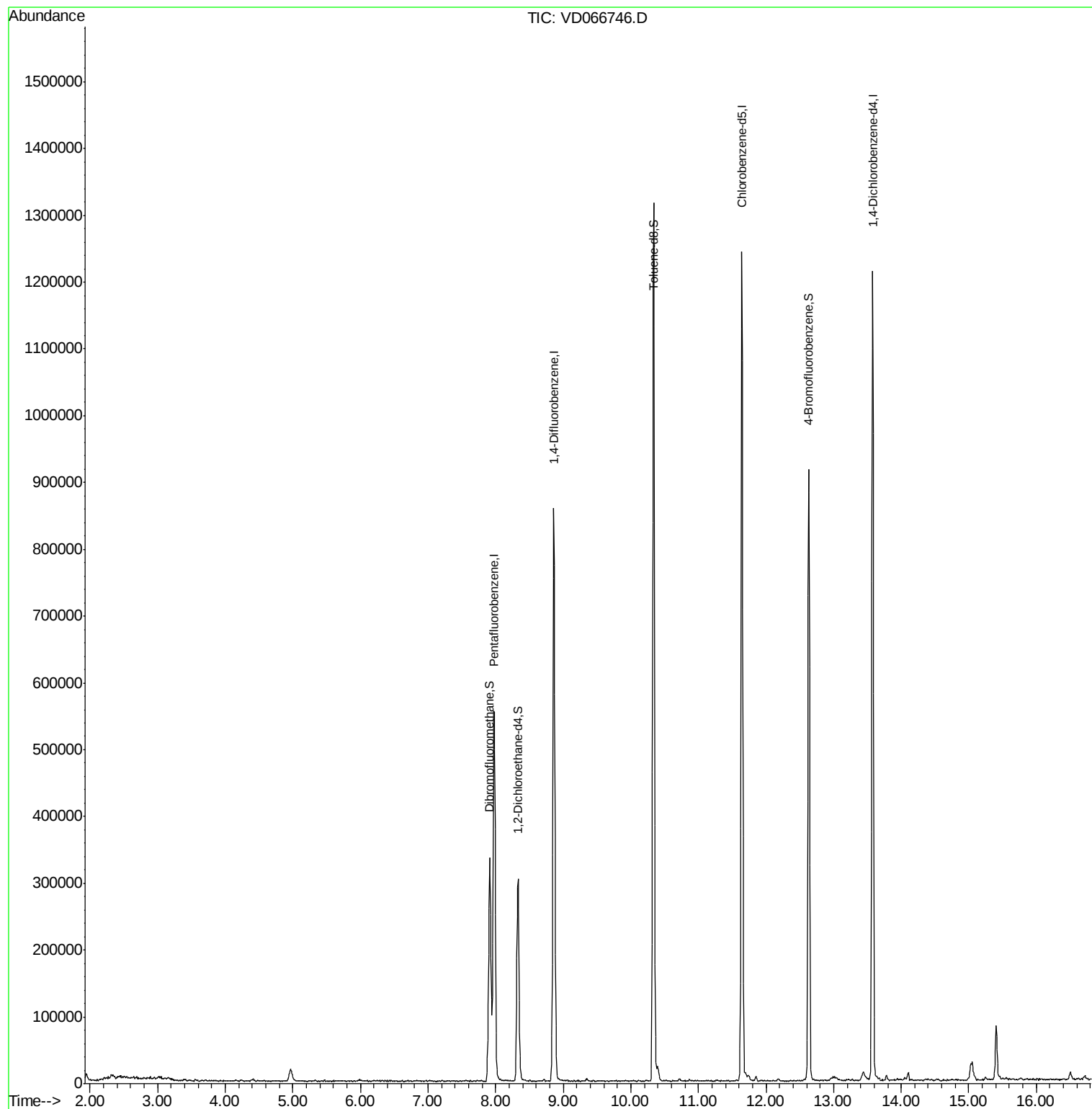
Target Compounds	Qvalue

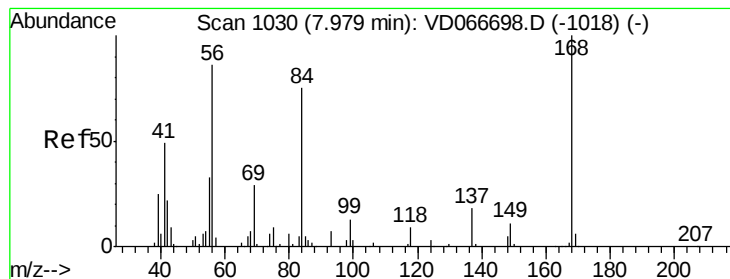
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066746.D

Acq: 17 Sep 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

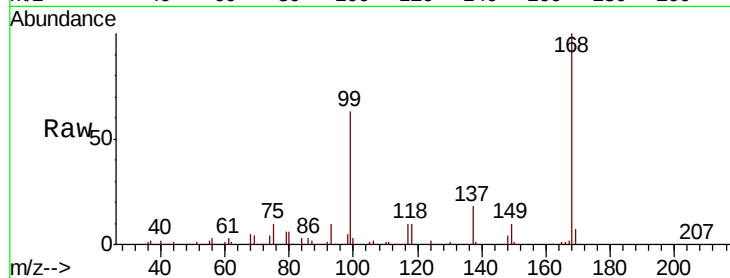
EROC-CF-1

Tot Ion:168 Resp: 392001

Ion Ratio Lower Upper

168 100

99 63.2 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

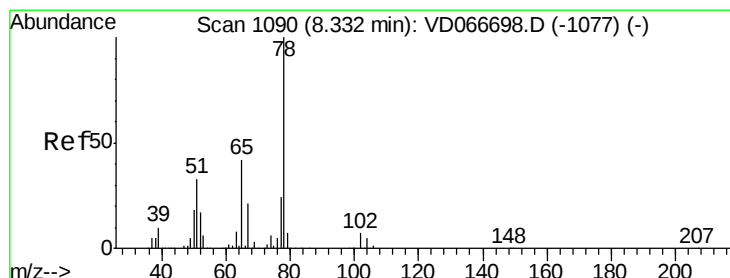
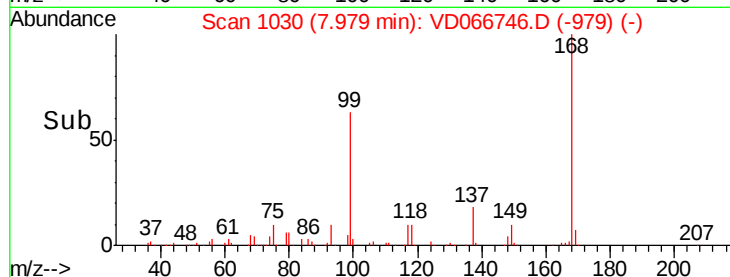
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.245 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066746.D

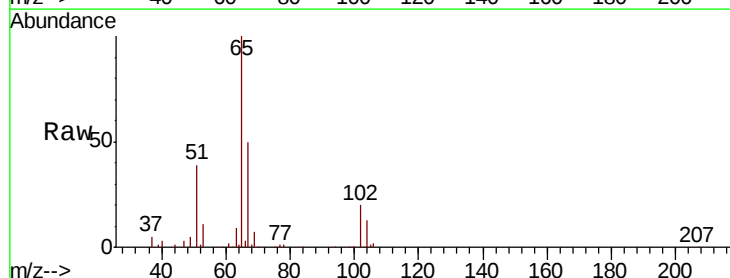
Acq: 17 Sep 2020 16:00

Tgt Ion: 65 Resp: 247789

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

120000

100000

80000

60000

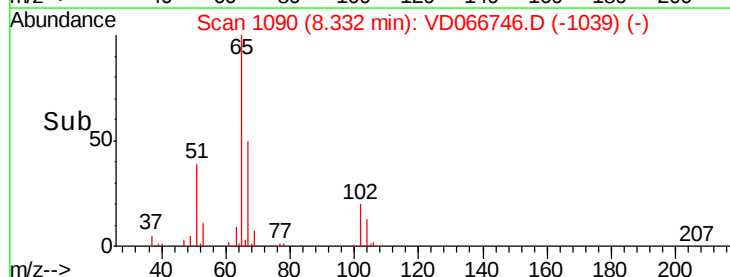
40000

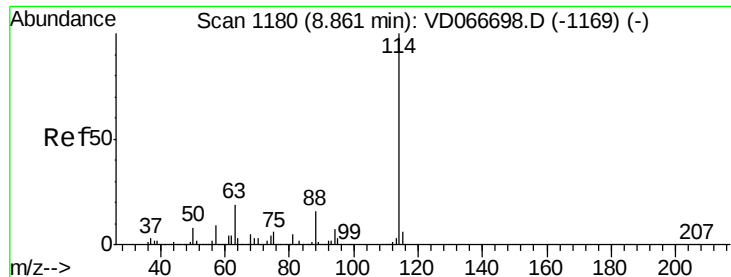
20000

0

8.20 8.30 8.40

Time-->

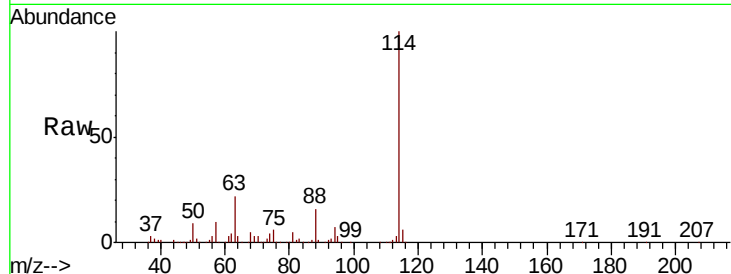




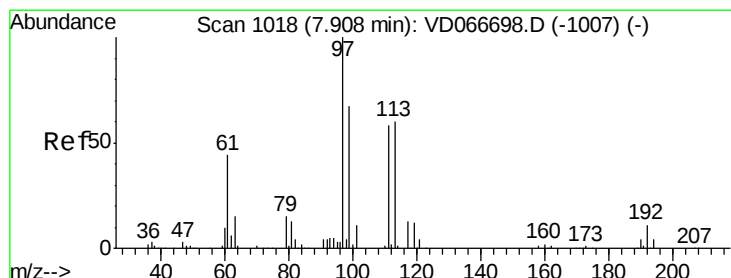
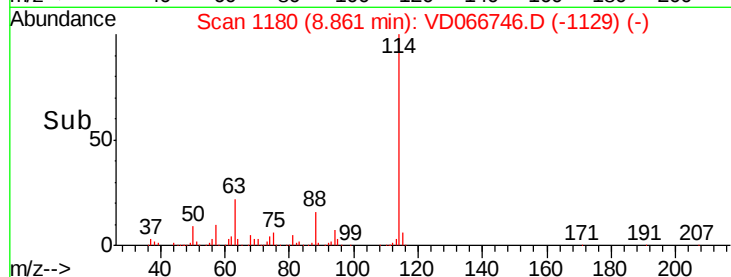
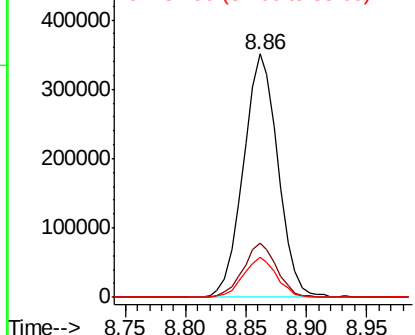
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066746.D
 Acq: 17 Sep 2020 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-CF-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	37.6
88	16.5	0.0	32.2

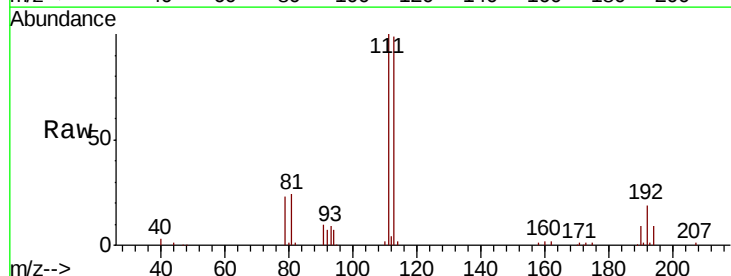


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

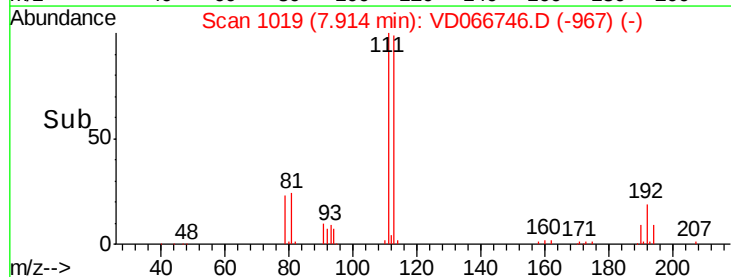
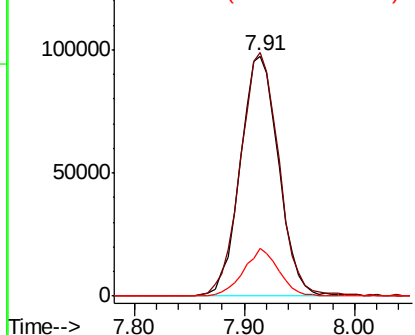


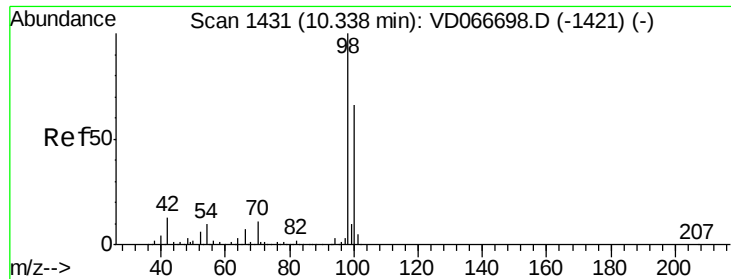
#35
 Dibromofluoromethane
 Concen: 55.169 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066746.D
 Acq: 17 Sep 2020 16:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	18.1	14.8	22.2



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: 56.645 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066746.D

Acq: 17 Sep 2020 16:00

Instrument :

MSVOA_D

ClientSampled :

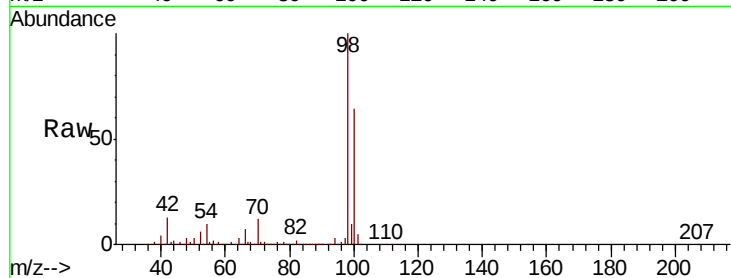
EROC-CF-1

Tot Ion: 98 Resp: 869118

Ion Ratio Lower Upper

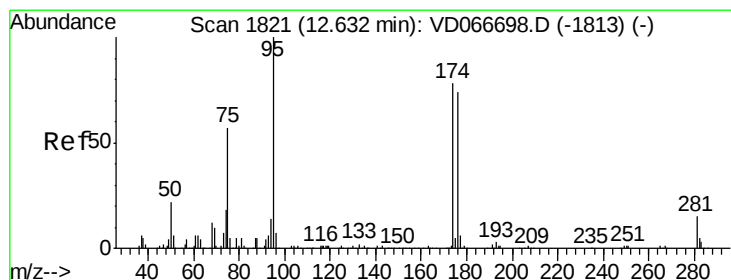
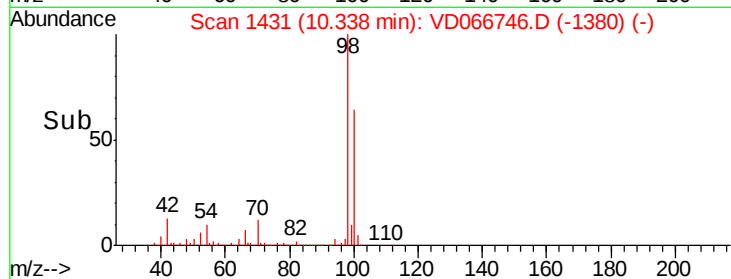
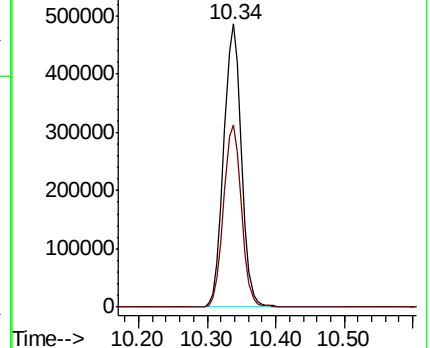
98 100

100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 55.574 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066746.D

Acq: 17 Sep 2020 16:00

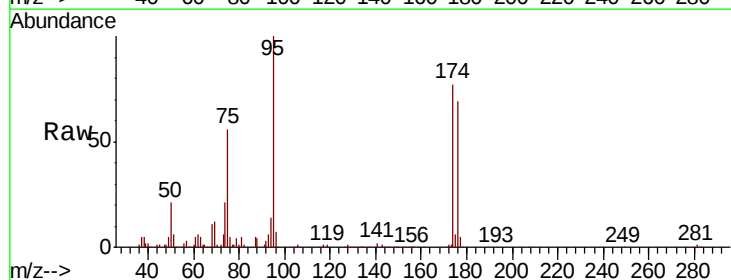
Tgt Ion: 95 Resp: 294337

Ion Ratio Lower Upper

95 100

174 77.7 0.0 156.6

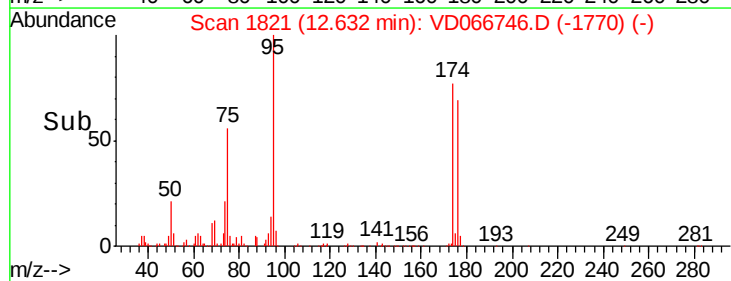
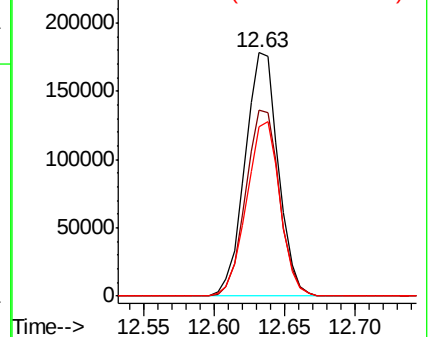
176 72.4 0.0 150.2

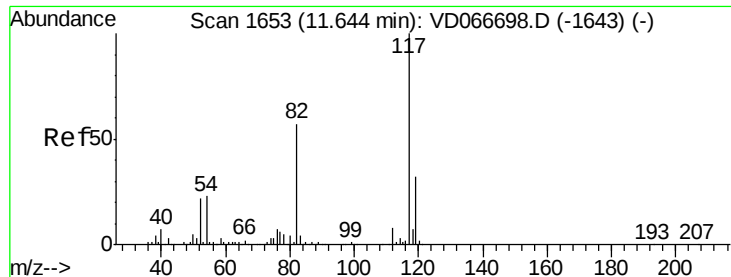


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

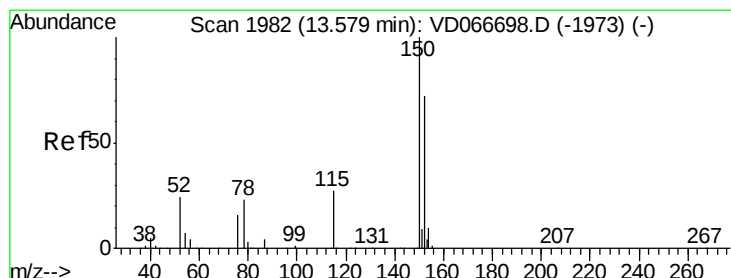
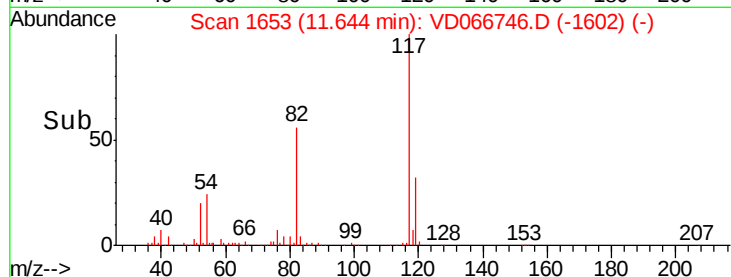
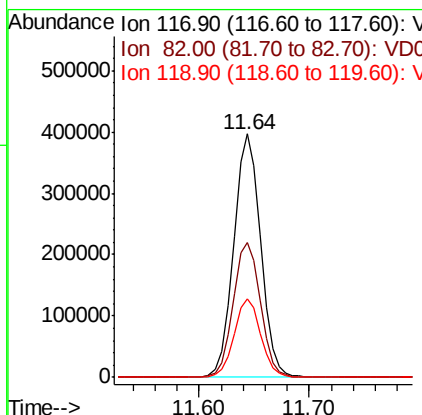
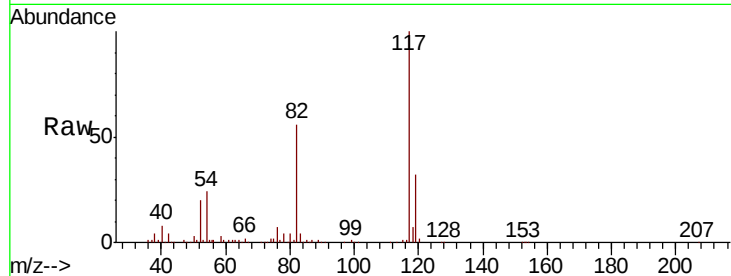




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066746.D
Acq: 17 Sep 2020 16:00

Instrument :
MSVOA_D
ClientSampleId :
EROC-CF-1

Tot Ion:117 Resp: 679431
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066746.D
Acq: 17 Sep 2020 16:00

Tgt Ion:152 Resp: 299969
Ion Ratio Lower Upper
152 100
115 61.9 30.5 91.5
150 157.0 0.0 344.6

