

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066433.D
 Acq On : 27 Aug 2020 13:33
 Operator : VA/SY
 Sample : L3793-01
 Misc : 7.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Aug 28 07:19:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	205552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	299053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	263934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140396	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	110066	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
35) Dibromofluoromethane	7.91	113	91675	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	10.34	98	341511	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.63	95	119072	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

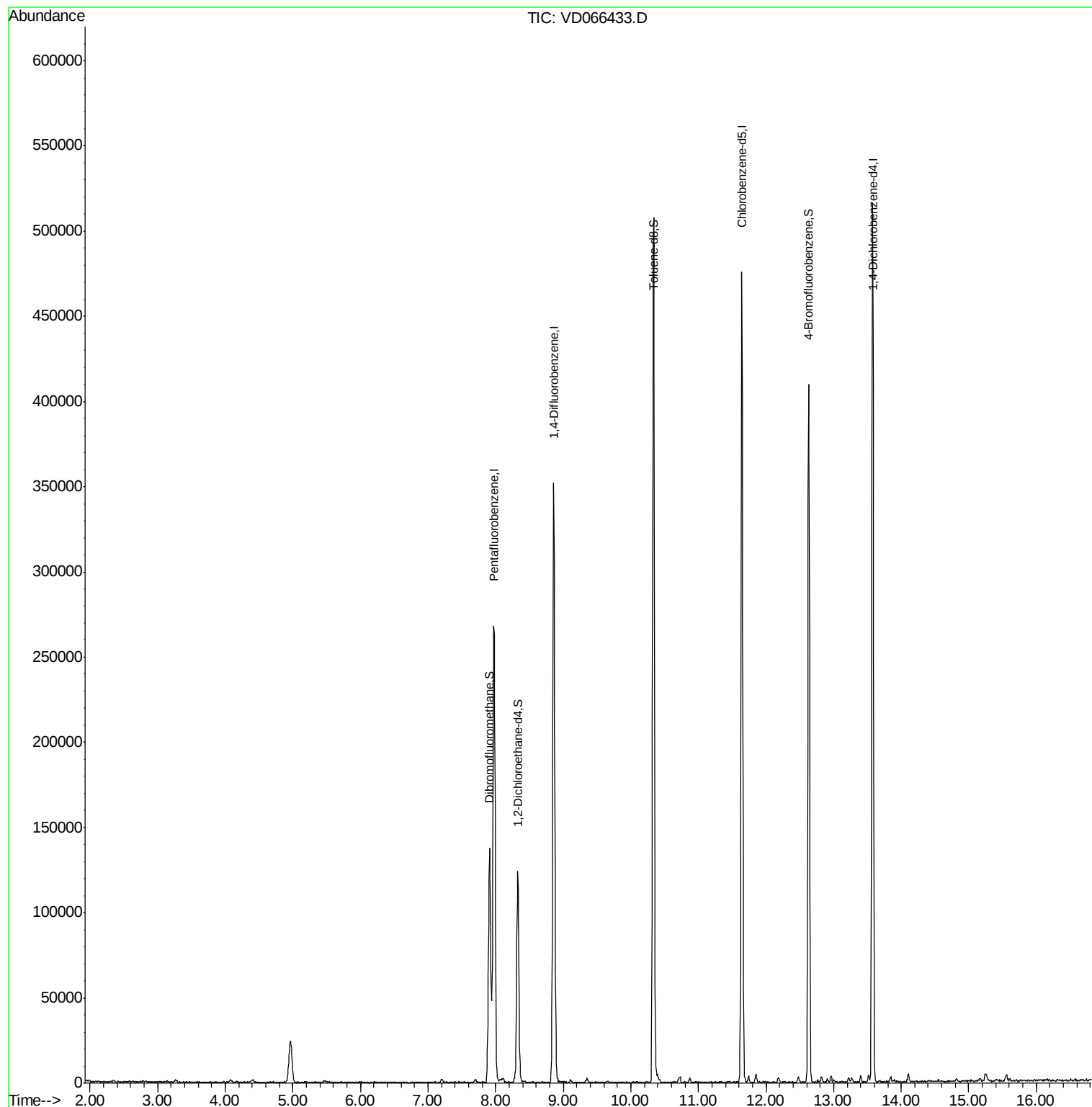
Target Compounds	Qvalue

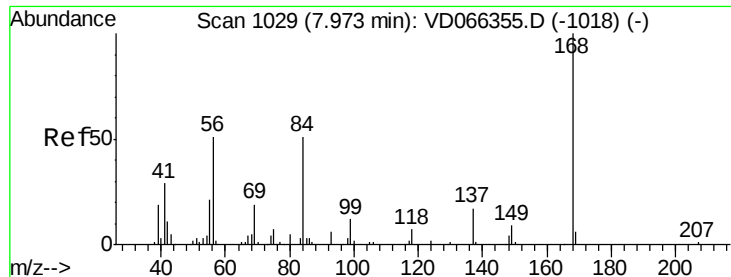
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066433.D

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MSVOA_D

ClientSampleId :

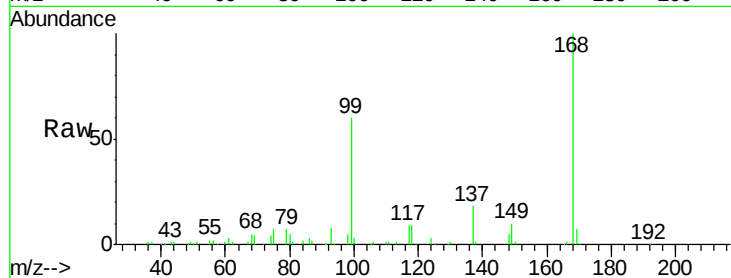
TP-1

Tot Ion:168 Resp: 205552

Ion Ratio Lower Upper

168 100

99 59.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

80000

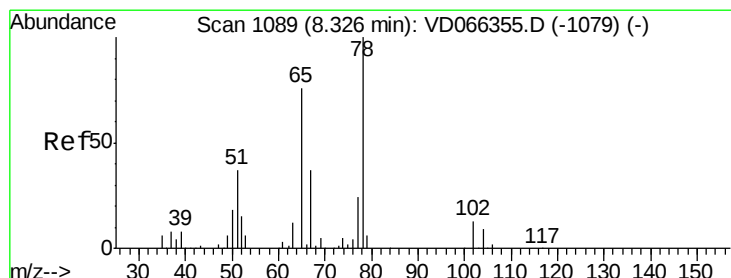
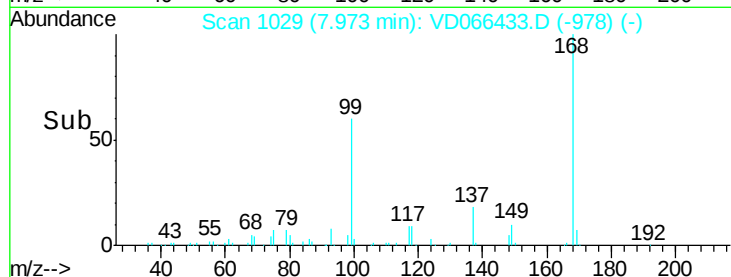
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.617 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066433.D

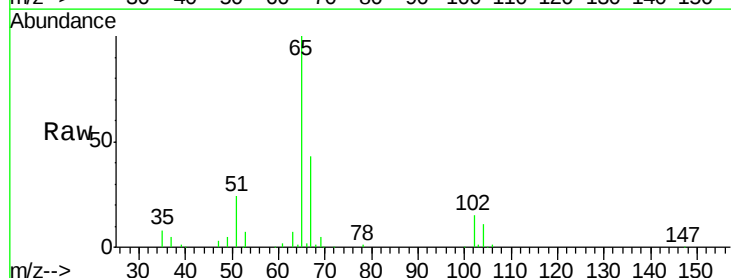
Acq: 27 Aug 2020 13:33

Tgt Ion: 65 Resp: 110066

Ion Ratio Lower Upper

65 100

67 46.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

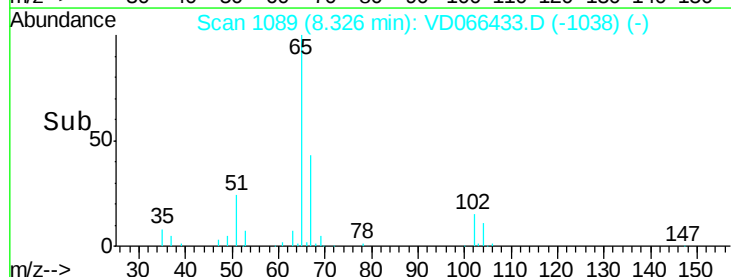
30000

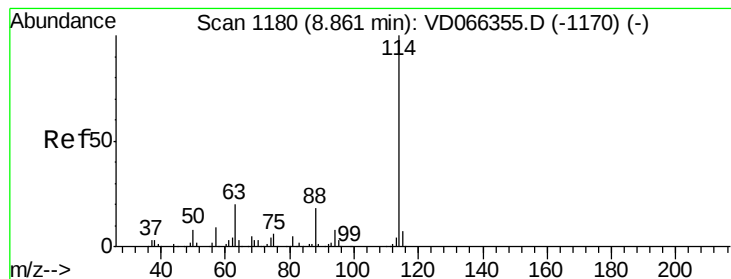
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066433.D

Acq: 27 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

TP-1

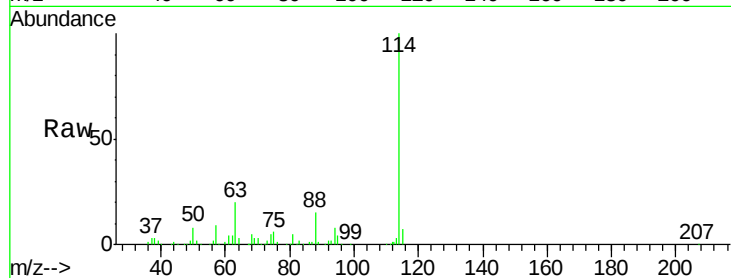
Tot Ion:114 Resp: 299053

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

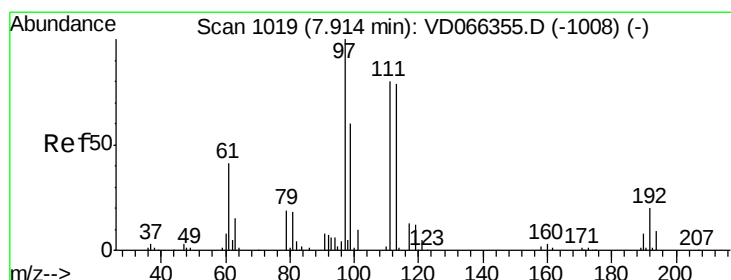
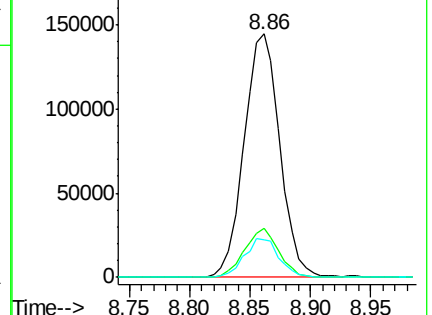
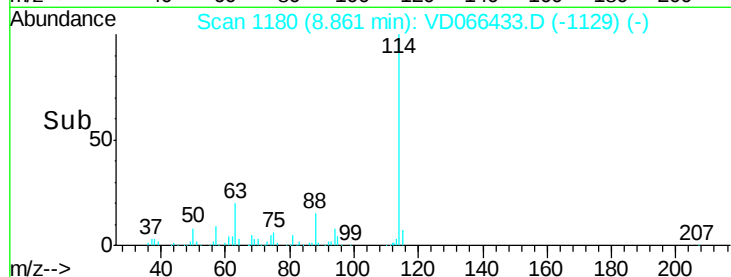
88 15.4 0.0 35.4



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: 49.024 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066433.D

Acq: 27 Aug 2020 13:33

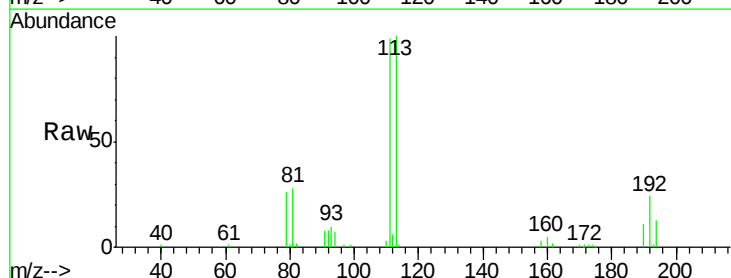
Tgt Ion:113 Resp: 91675

Ion Ratio Lower Upper

113 100

111 102.6 80.3 120.5

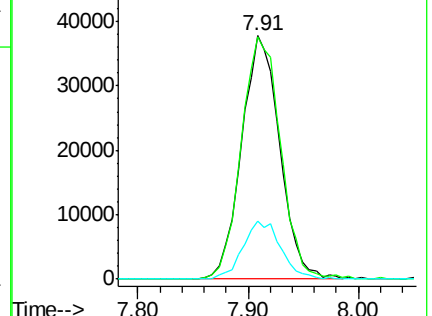
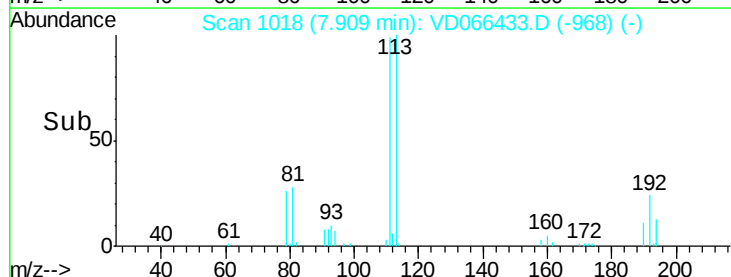
192 23.8 19.0 28.6

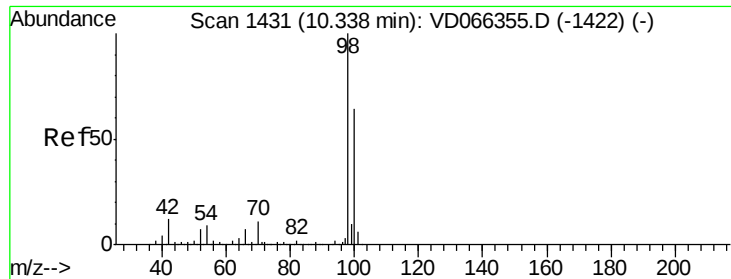


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.913 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066433.D

Acq: 27 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampled :

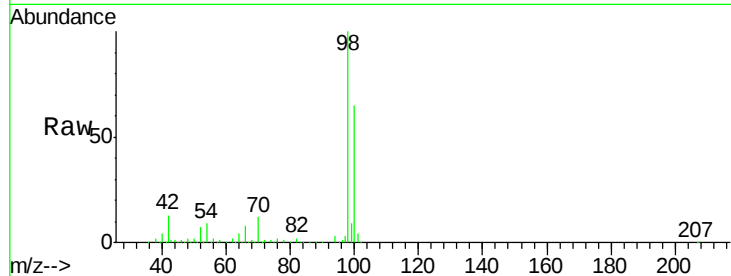
TP-1

Tot Ion: 98 Resp: 341511

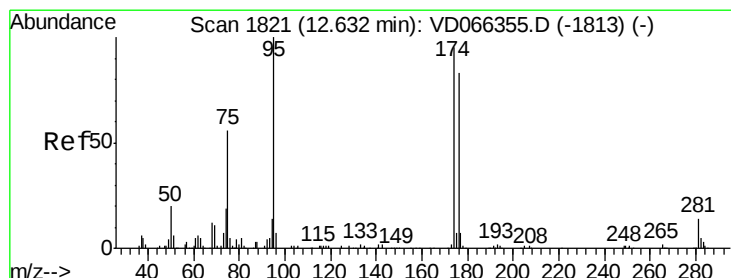
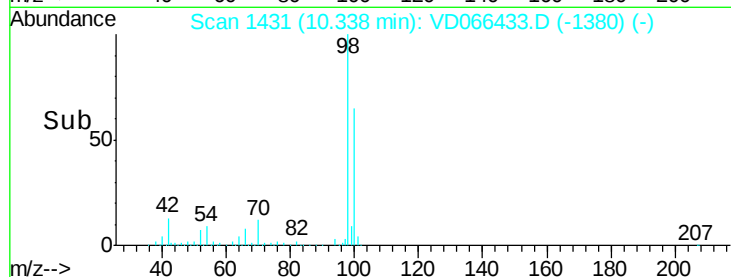
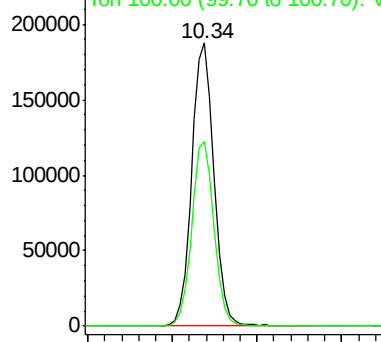
Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VD066433.D (-1380) (-)



#62

4-Bromofluorobenzene

Concen: 49.044 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066433.D

Acq: 27 Aug 2020 13:33

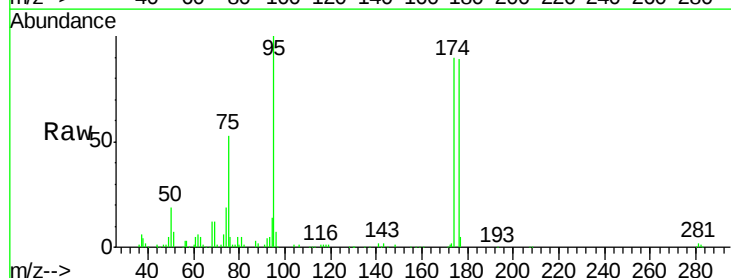
Tgt Ion: 95 Resp: 119072

Ion Ratio Lower Upper

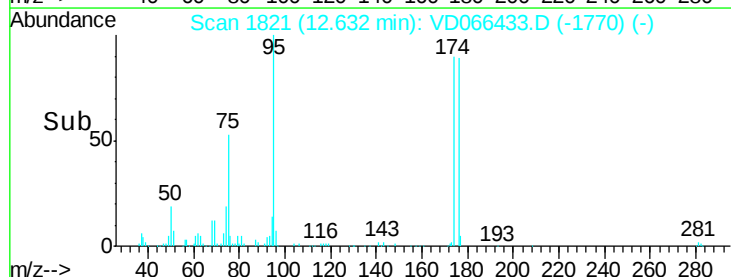
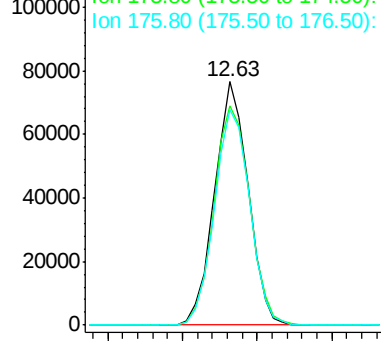
95 100

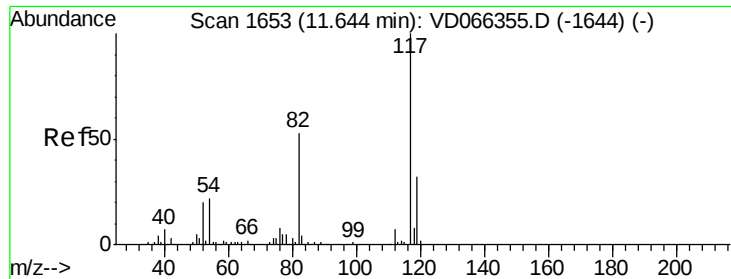
174 95.5 0.0 183.4

176 92.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VD066433.D (-1770) (-)

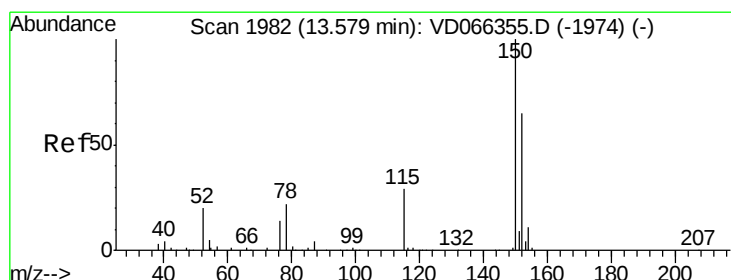
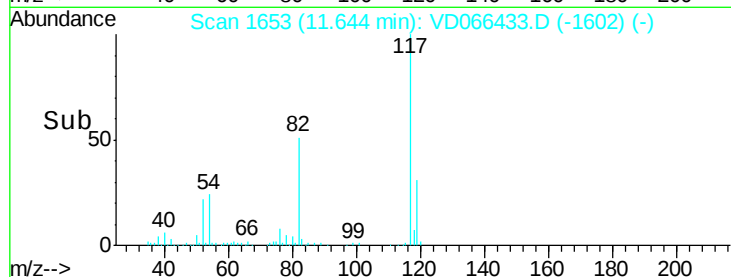
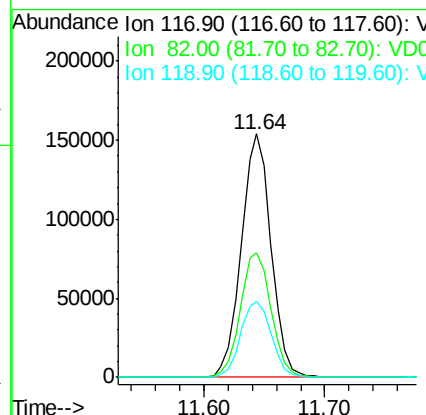
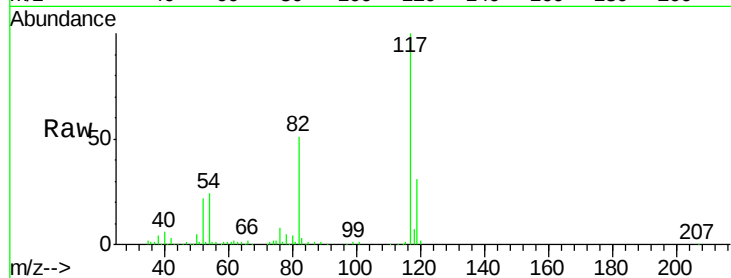




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066433.D
Acq: 27 Aug 2020 13:33

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 263934
Ion Ratio Lower Upper
117 100
82 51.4 42.8 64.2
119 31.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066433.D
Acq: 27 Aug 2020 13:33

Tgt Ion:152 Resp: 140396
Ion Ratio Lower Upper
152 100
115 56.3 28.3 85.0
150 156.1 0.0 343.2

