

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066264.D
 Acq On : 17 Aug 2020 18:09
 Operator : VA/SY
 Sample : L3659-07
 Misc : 5.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-3

Quant Time: Aug 18 08:23:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	317329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	508860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	653254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	392447	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	131730	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
35) Dibromofluoromethane	7.91	113	154246	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	10.33	98	633027	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.63	95	338964	79.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	158.10%	

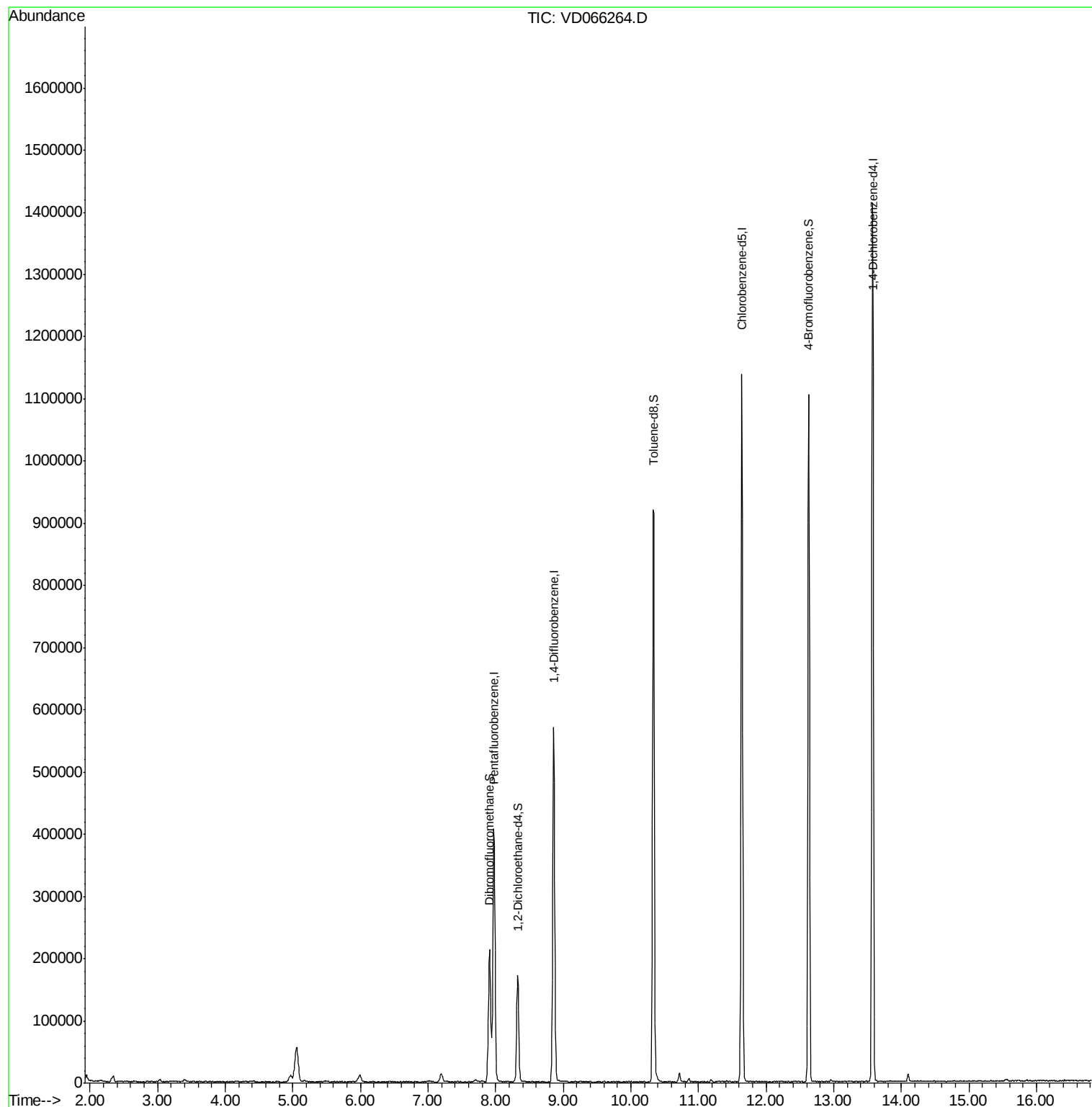
Target Compounds	Qvalue
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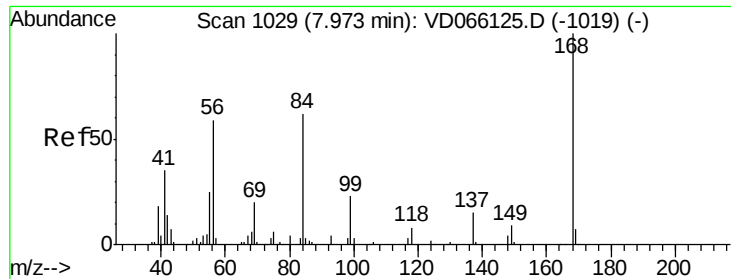
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066264.D

Acq: 17 Aug 2020 18:09

Instrument :

MSVOA_D

ClientSampleId :

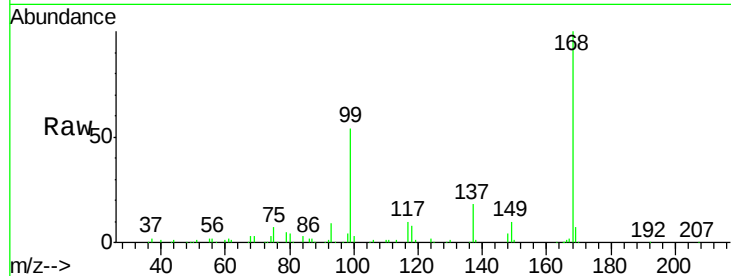
SP1-3

Tot Ion:168 Resp: 317329

Ion Ratio Lower Upper

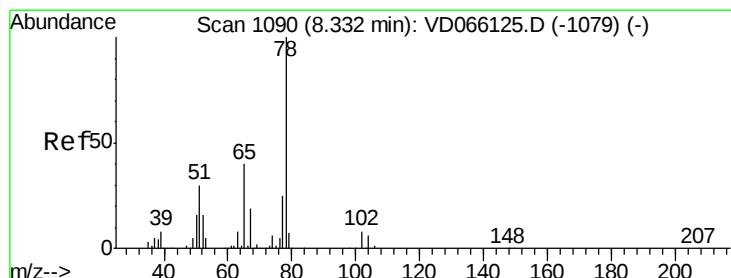
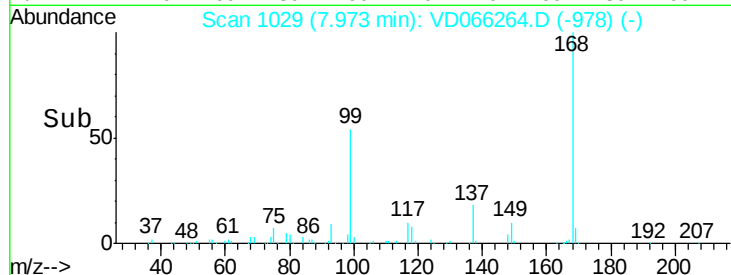
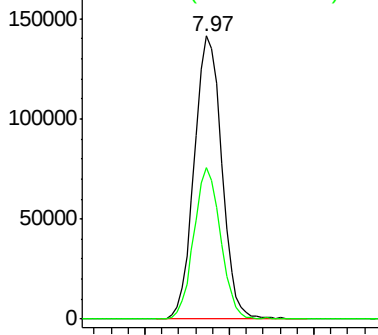
168 100

99 53.7 42.2 63.4



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: 46.530 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066264.D

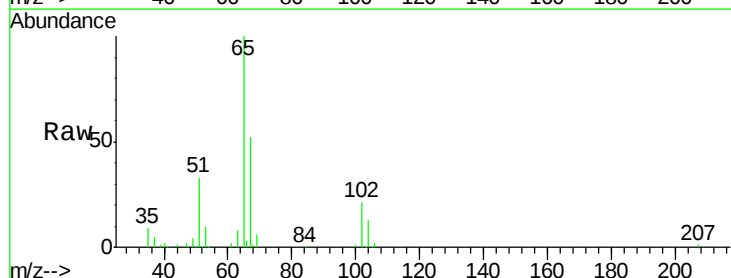
Acq: 17 Aug 2020 18:09

Tgt Ion: 65 Resp: 131730

Ion Ratio Lower Upper

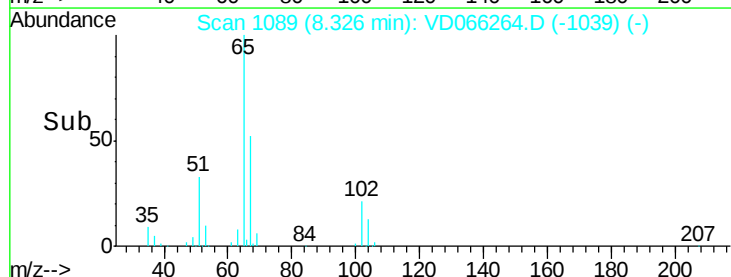
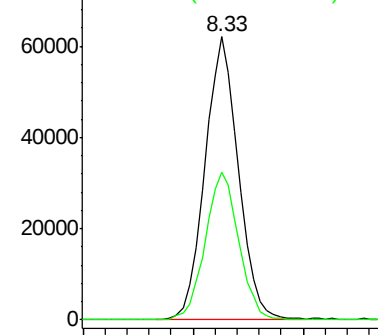
65 100

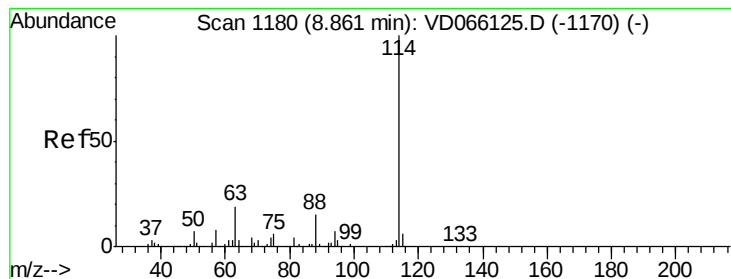
67 52.5 0.0 104.6



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: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066264.D

Acq: 17 Aug 2020 18:09

Instrument :

MSVOA_D

ClientSampleId :

SP1-3

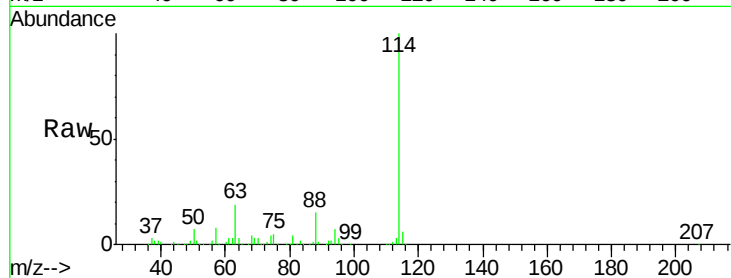
Tot Ion:114 Resp: 508860

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

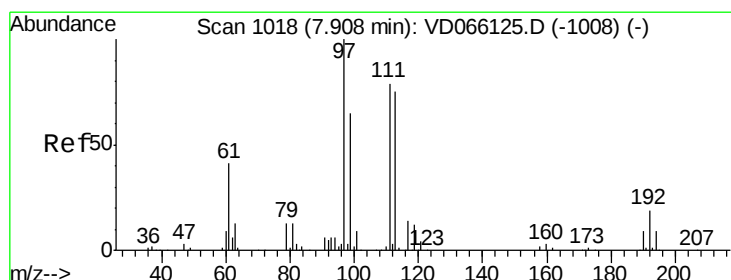
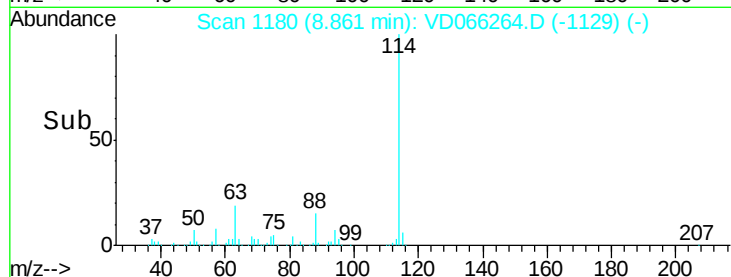
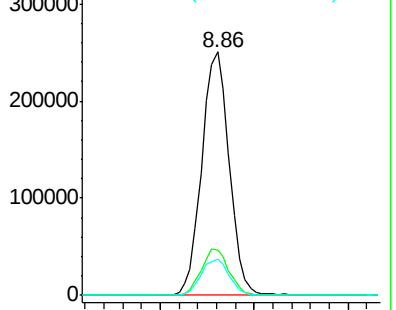
88 15.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 47.849 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066264.D

Acq: 17 Aug 2020 18:09

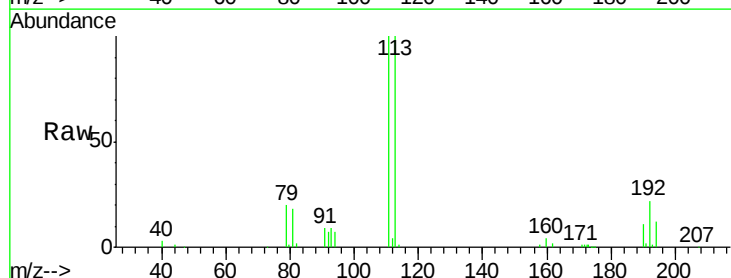
Tgt Ion:113 Resp: 154246

Ion Ratio Lower Upper

113 100

111 100.5 80.7 121.1

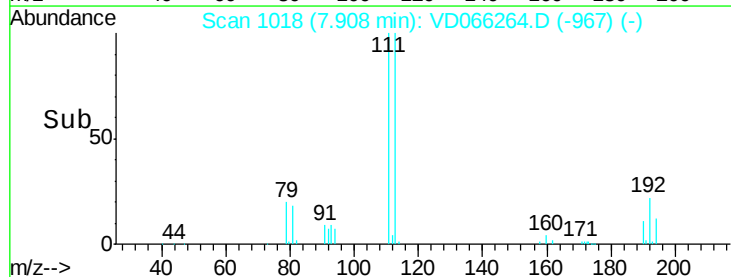
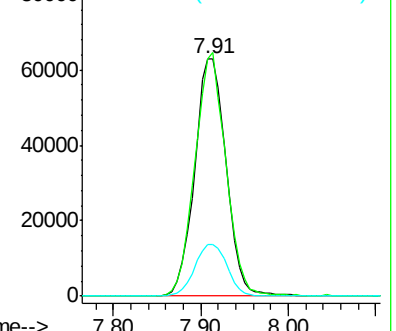
192 22.2 18.4 27.6

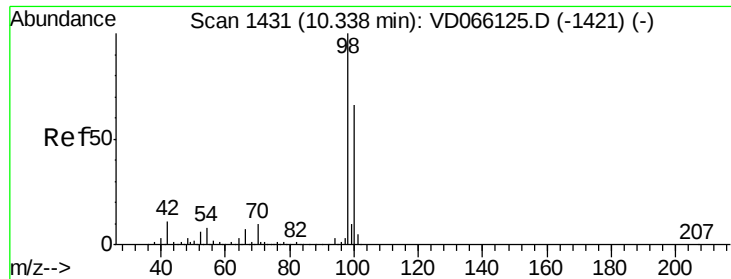


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.214 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066264.D

Acq: 17 Aug 2020 18:09

Instrument :

MSVOA_D

ClientSampleId :

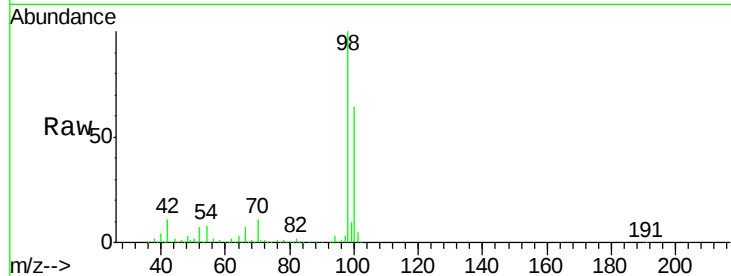
SP1-3

Tot Ion: 98 Resp: 633027

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.33

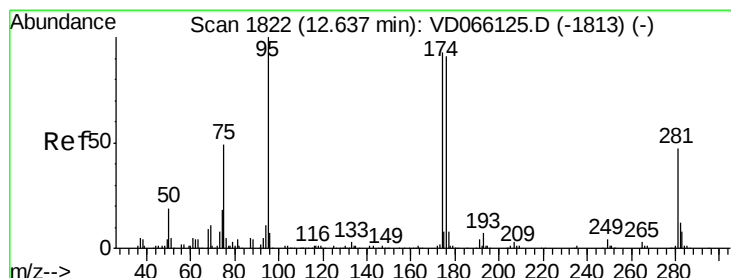
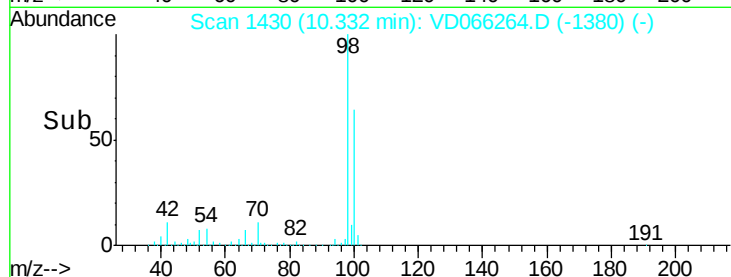
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 79.050 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066264.D

Acq: 17 Aug 2020 18:09

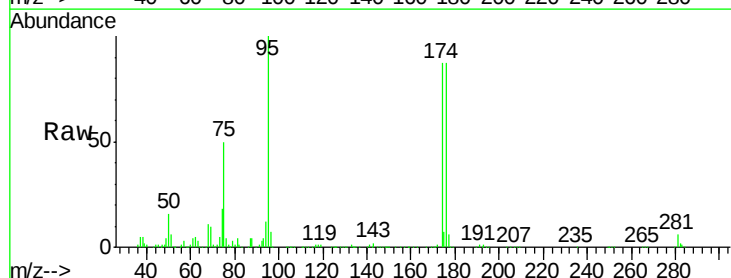
Tgt Ion: 95 Resp: 338964

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.8

176 87.6 0.0 181.2



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

12.63

250000

200000

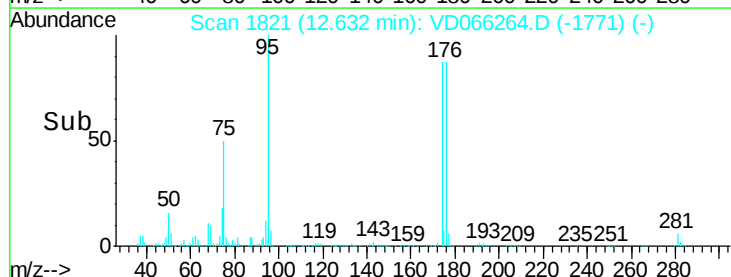
150000

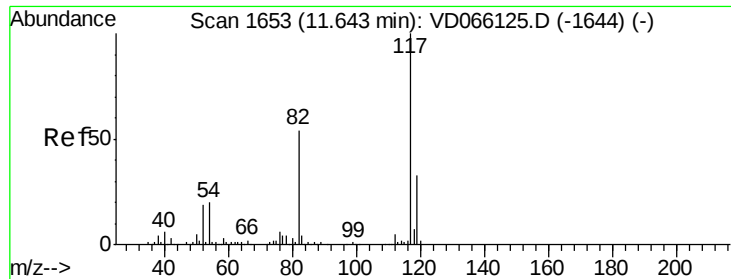
100000

50000

0

Time--> 12.60 12.70

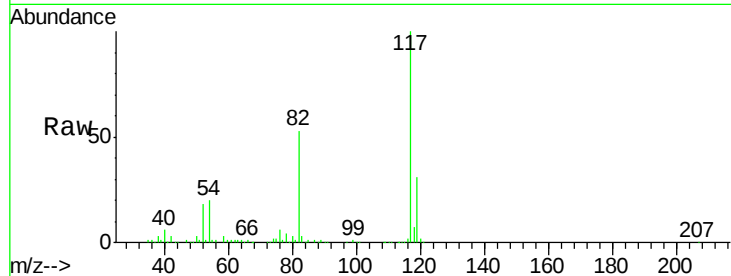




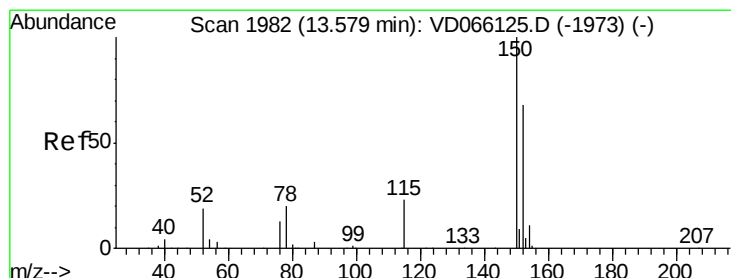
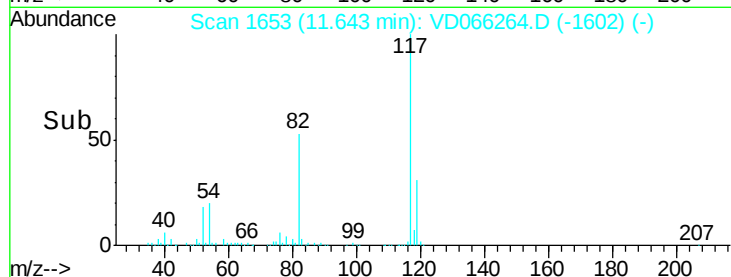
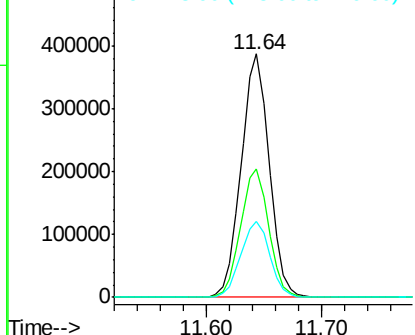
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066264.D
Acq: 17 Aug 2020 18:09

Instrument :
MSVOA_D
ClientSampled :
SP1-3

Tot Ion:117 Resp: 653254
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.0 26.1 39.1

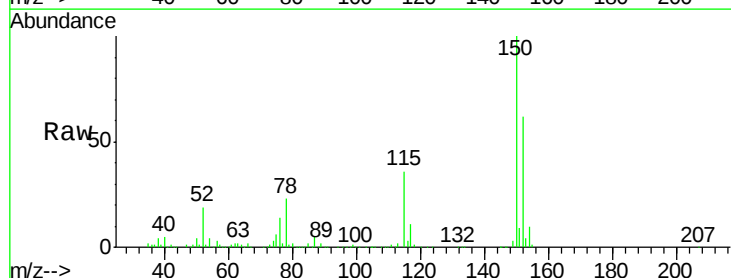


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066264.D
Acq: 17 Aug 2020 18:09

Tgt Ion:152 Resp: 392447
Ion Ratio Lower Upper
152 100
115 56.3 28.0 83.9
150 158.0 0.0 346.4



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

