

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072820\
 Data File : VD066073.D
 Acq On : 28 Jul 2020 11:47
 Operator : VA/SY
 Sample : VD0728SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBL01

Quant Time: Jul 29 01:45:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	290199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	441233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	468079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	257522	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	120835	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	7.91	113	133416	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.34	98	519891	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.64	95	222487	64.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.72%	

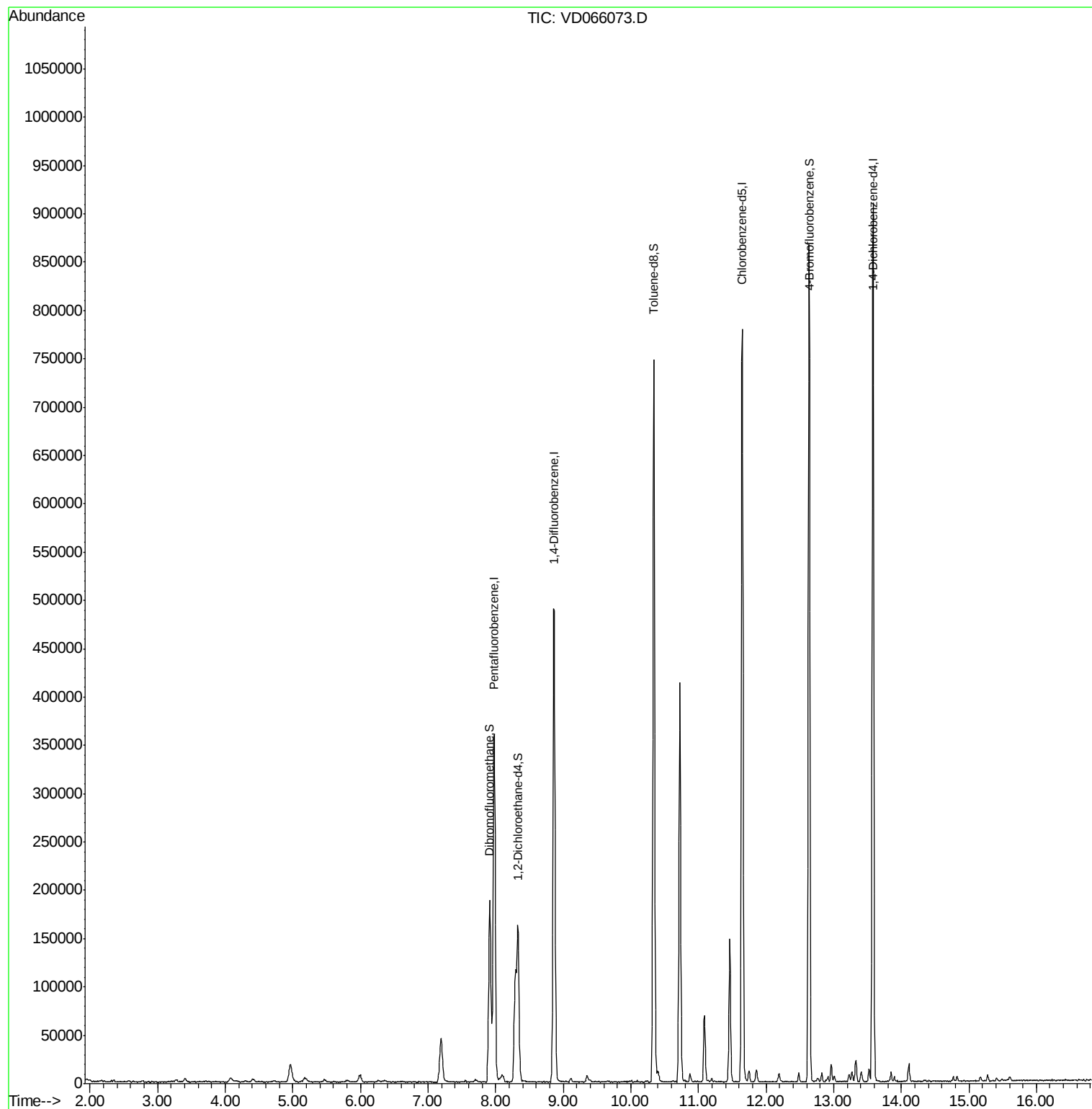
Target Compounds	Qvalue
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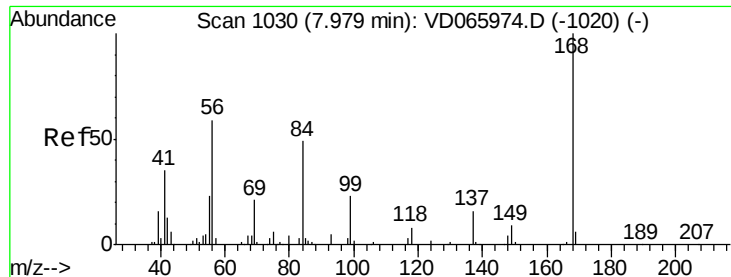
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066073.D

Acq: 28 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

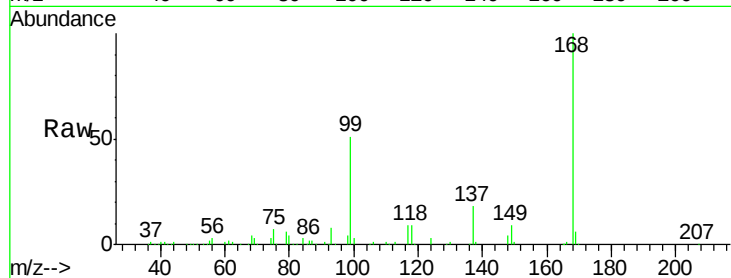
VD0728SBL01

Tgt Ion:168 Resp: 290199

Ion Ratio Lower Upper

168 100

99 50.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

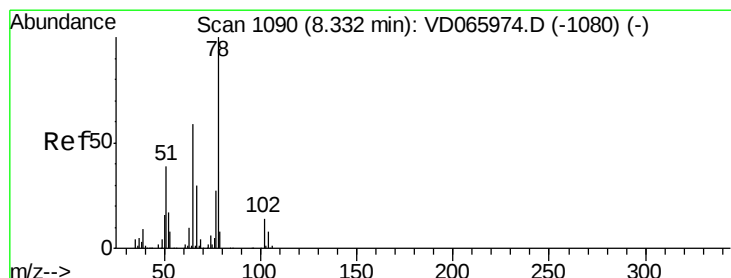
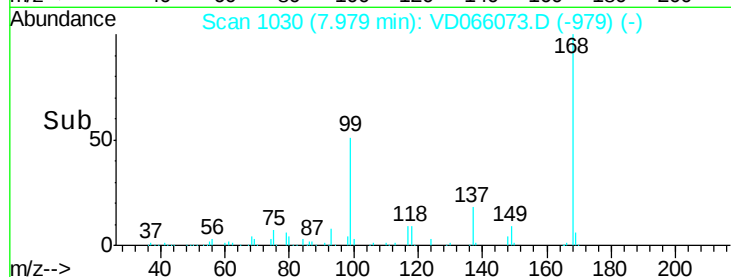
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.173 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066073.D

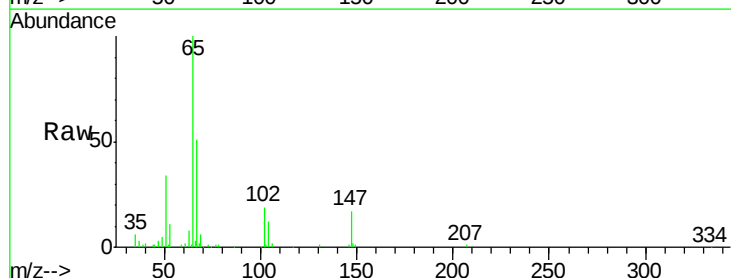
Acq: 28 Jul 2020 11:47

Tgt Ion: 65 Resp: 120835

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.0



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

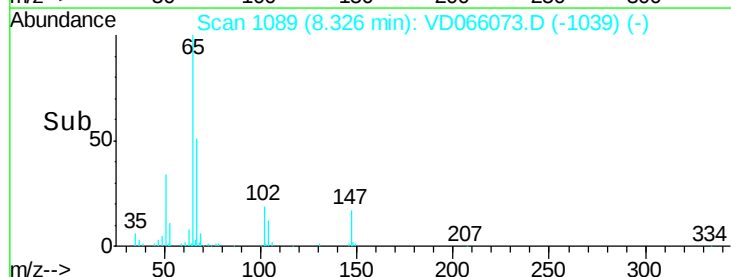
20000

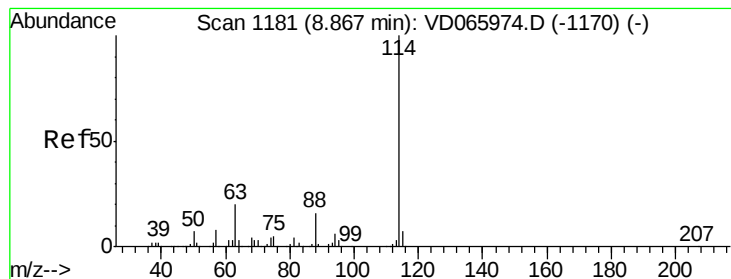
10000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD066073.D

Acq: 28 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBL01

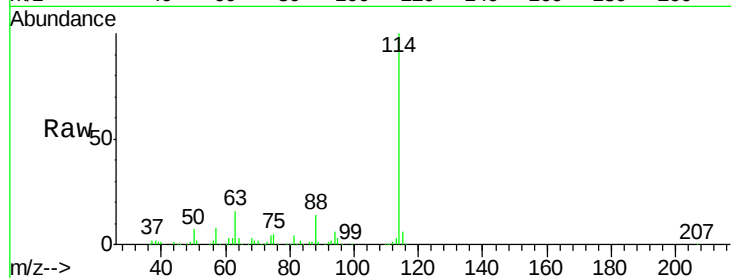
Tgt Ion:114 Resp: 441233

Ion Ratio Lower Upper

114 100

63 16.3 0.0 39.6

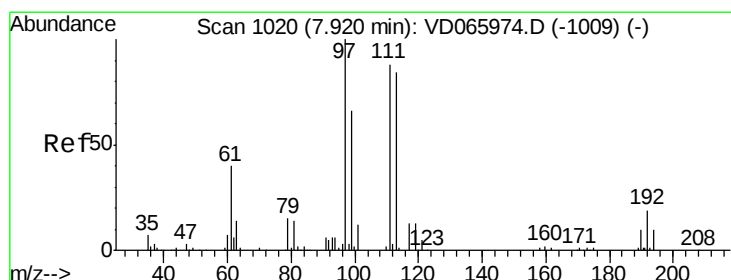
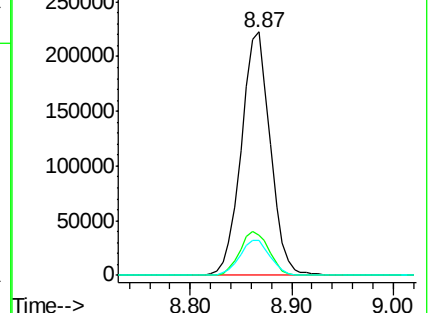
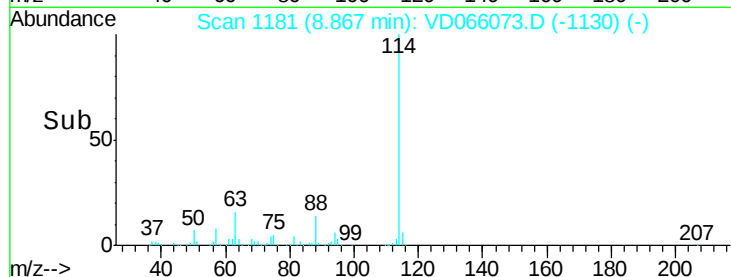
88 14.2 0.0 31.2



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: 49.852 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066073.D

Acq: 28 Jul 2020 11:47

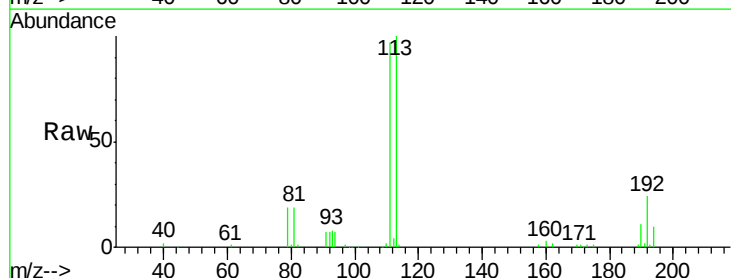
Tgt Ion:113 Resp: 133416

Ion Ratio Lower Upper

113 100

111 101.0 83.2 124.8

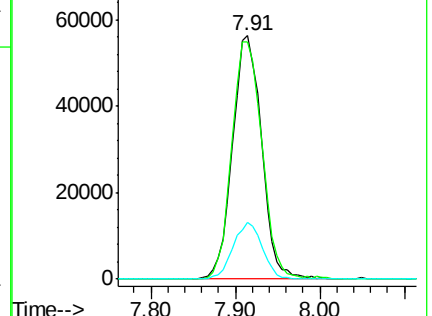
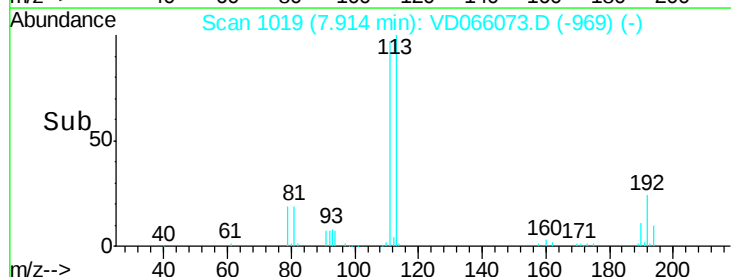
192 23.4 18.7 28.1

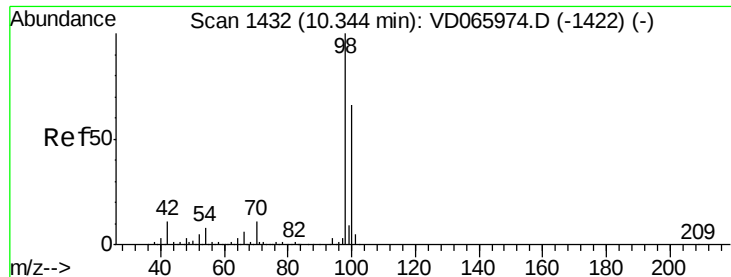


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.148 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD066073.D

Acq: 28 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

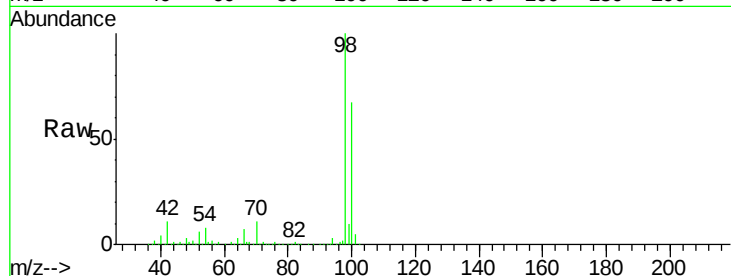
VD0728SBL01

Tgt Ion: 98 Resp: 519891

Ion Ratio Lower Upper

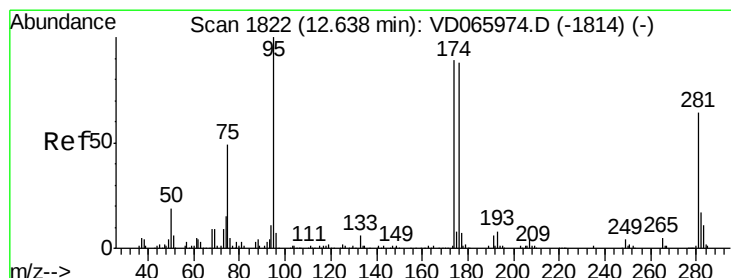
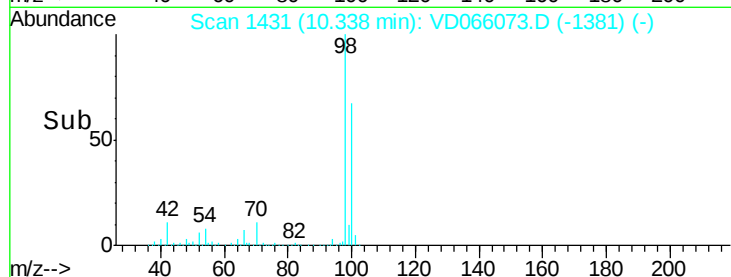
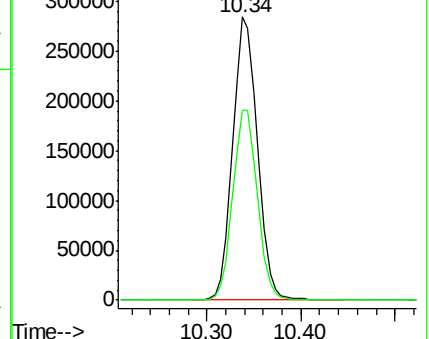
98 100

100 66.6 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: 64.361 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066073.D

Acq: 28 Jul 2020 11:47

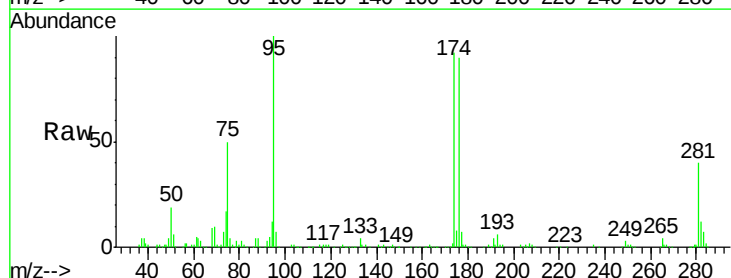
Tgt Ion: 95 Resp: 222487

Ion Ratio Lower Upper

95 100

174 91.7 0.0 178.8

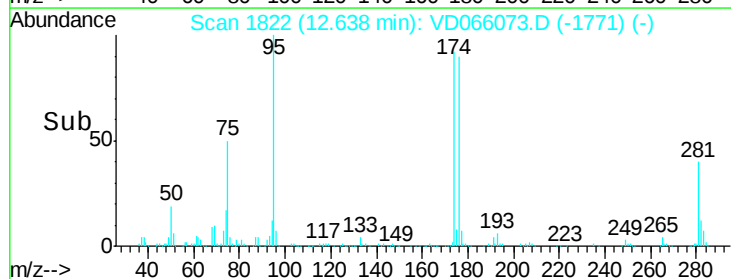
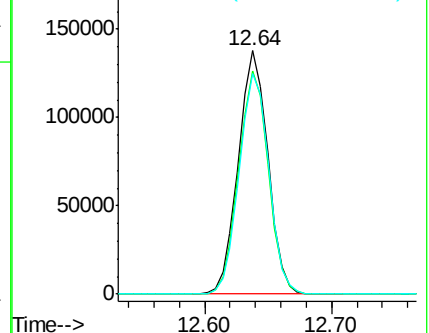
176 90.8 0.0 172.6

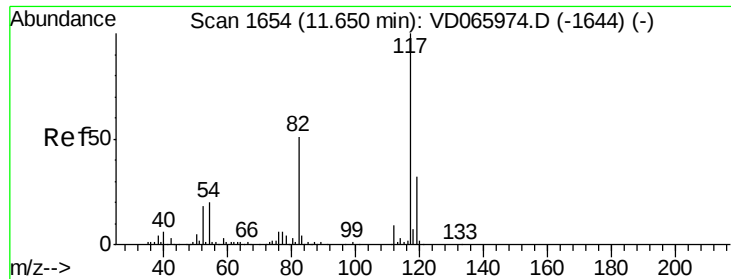


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

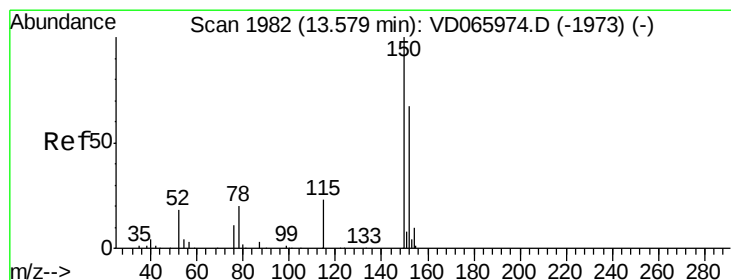
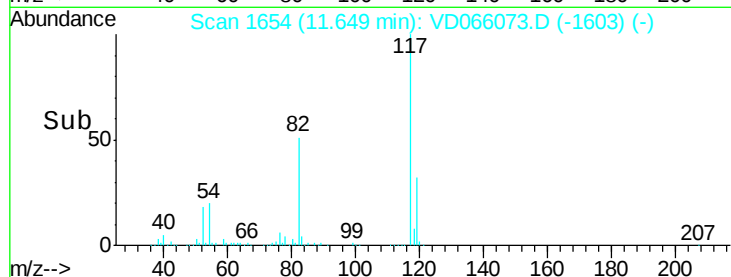
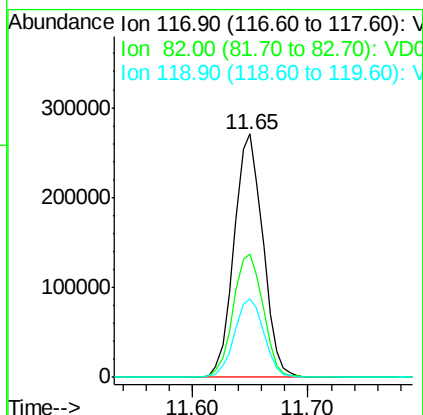
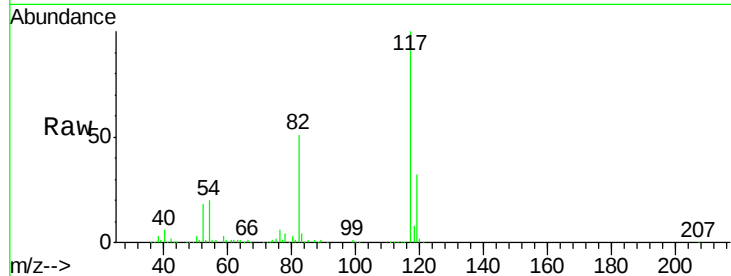




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066073.D
Acq: 28 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBL01

Tgt Ion:117 Resp: 468079
Ion Ratio Lower Upper
117 100
82 50.6 41.1 61.7
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066073.D
Acq: 28 Jul 2020 11:47

Tgt Ion:152 Resp: 257522
Ion Ratio Lower Upper
152 100
115 55.1 27.9 83.7
150 158.6 0.0 348.2

