

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066016.D
 Acq On : 23 Jul 2020 11:21
 Operator : VA/SY
 Sample : VD0723SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0723SBL01

Quant Time: Jul 24 05:10:59 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	317725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	543930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	579232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	302421	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	144630	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
35) Dibromofluoromethane	7.91	113	165233	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.34	98	656608	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.64	95	265196	62.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.46%	

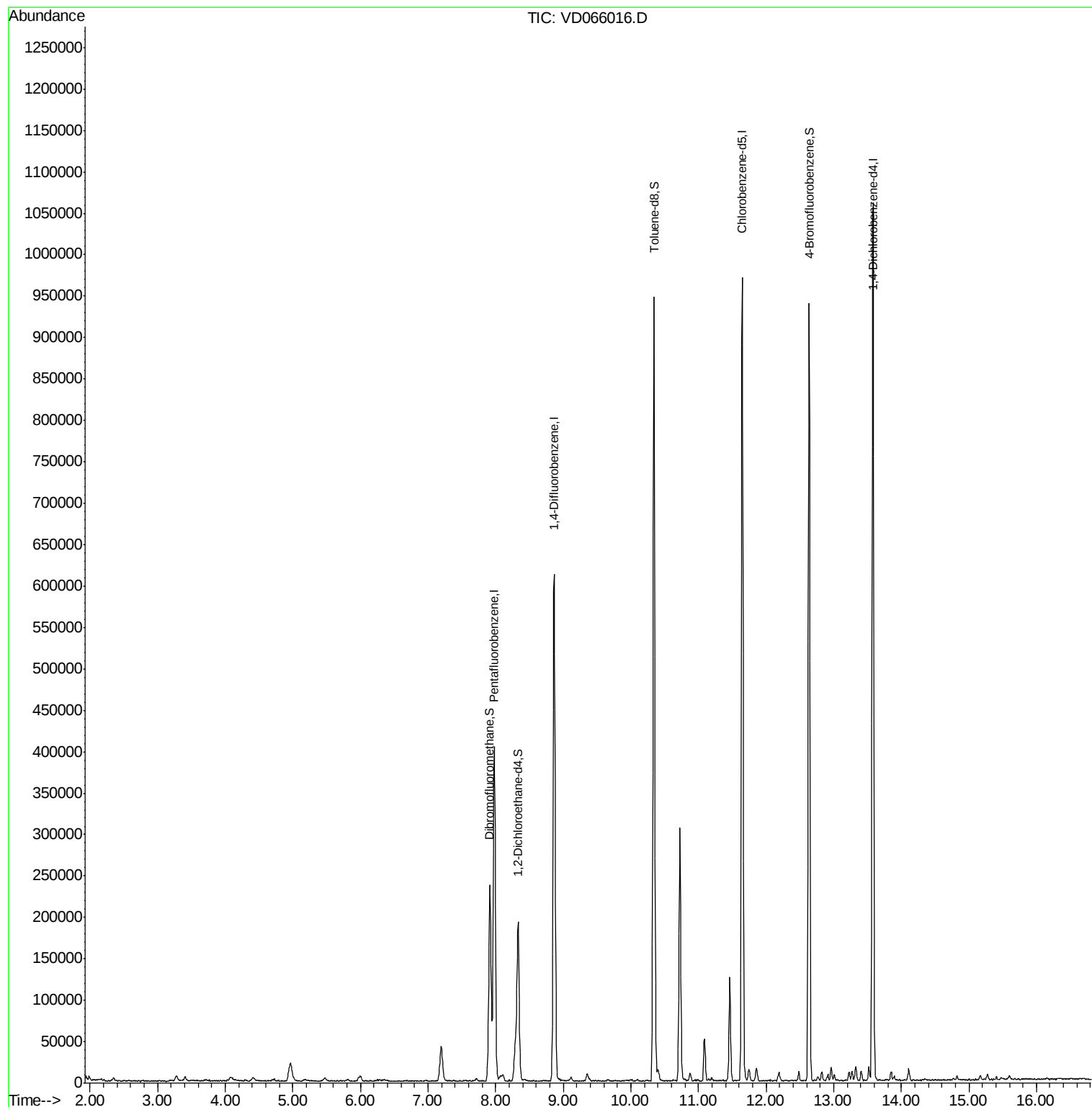
Target Compounds	Qvalue

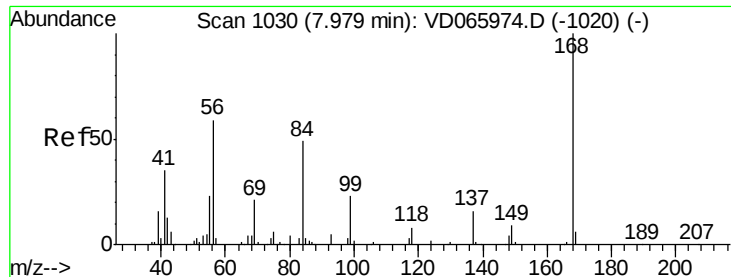
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066016.D

Acq: 23 Jul 2020 11:21

Instrument :

MSVOA_D

ClientSampleId :

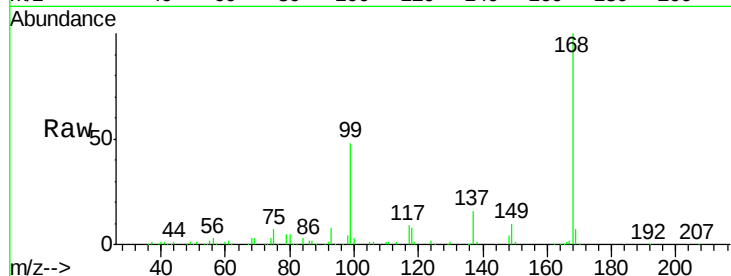
VD0723SBL01

Tot Ion:168 Resp: 317725

Ion Ratio Lower Upper

168 100

99 48.3 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

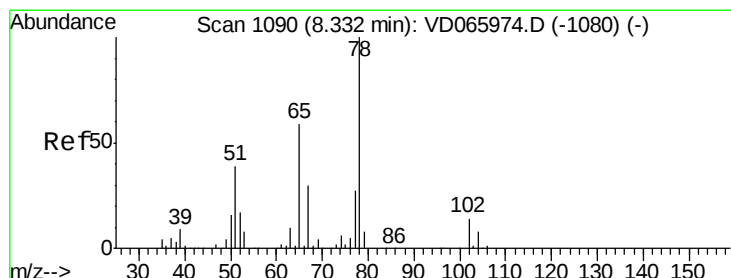
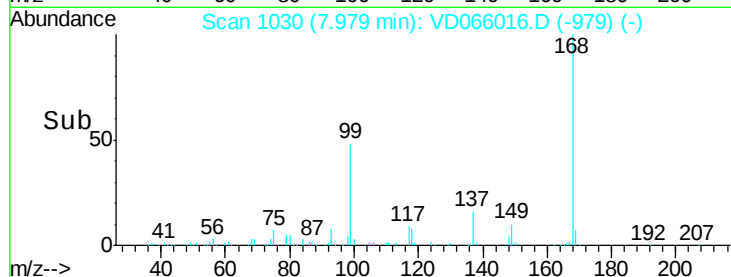
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.943 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066016.D

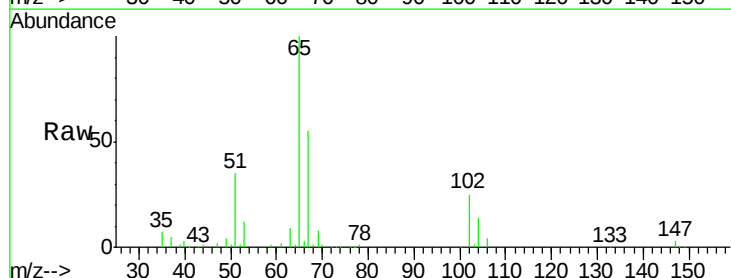
Acq: 23 Jul 2020 11:21

Tgt Ion: 65 Resp: 144630

Ion Ratio Lower Upper

65 100

67 53.5 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

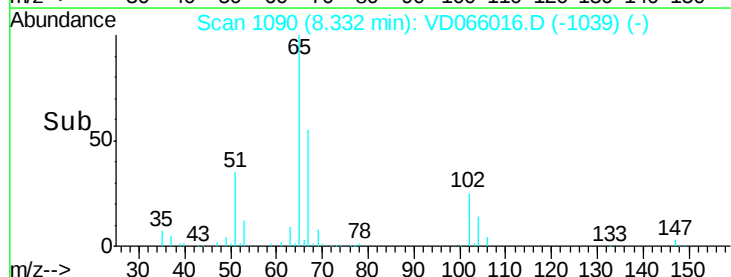
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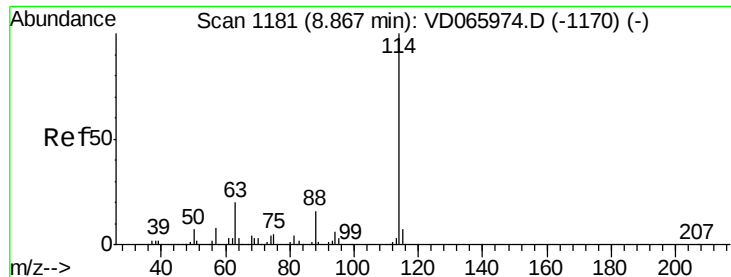
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20000

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Time-->

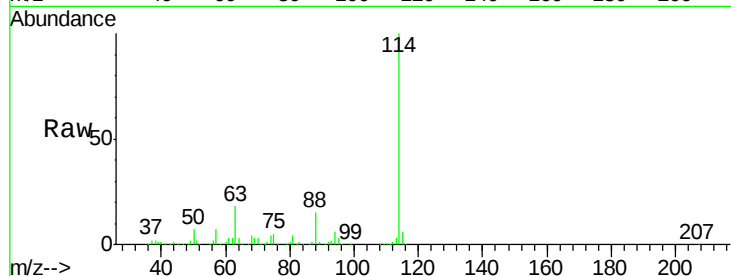




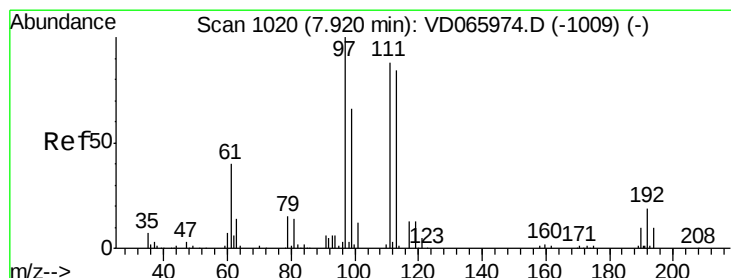
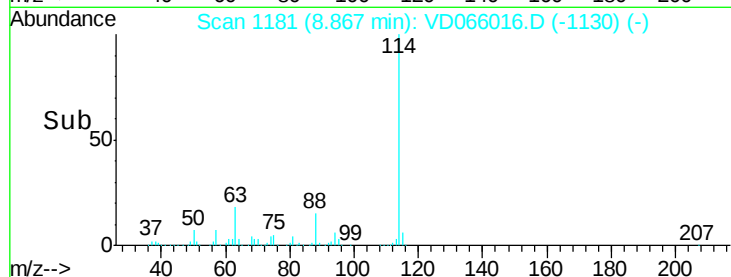
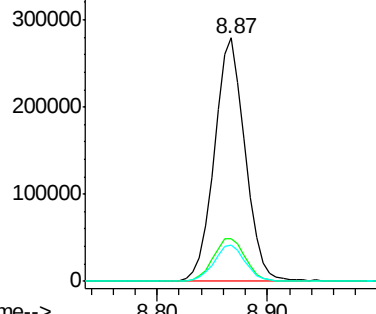
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066016.D
 Acq: 23 Jul 2020 11:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0723SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	39.6
88	14.7	0.0	31.2

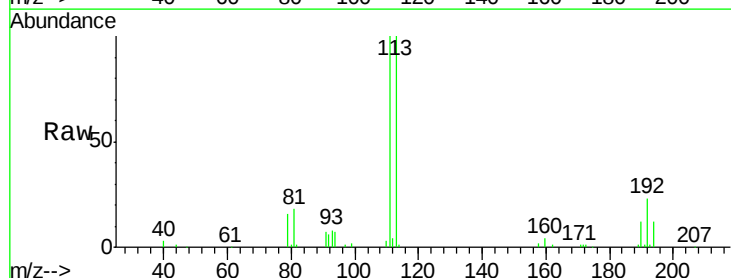


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

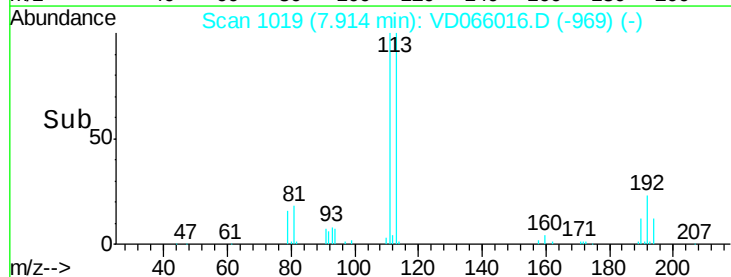
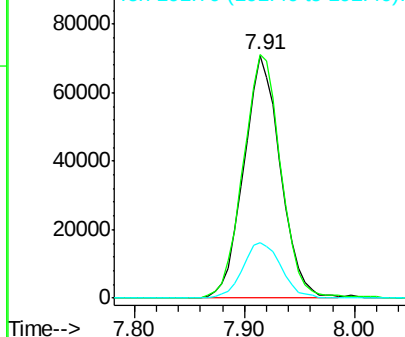


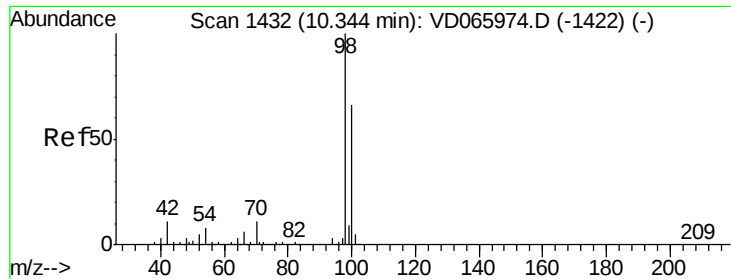
#35
 Dibromofluoromethane
 Concen: 50.084 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066016.D
 Acq: 23 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.2	124.8
192	23.9	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: 53.426 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066016.D

Acq: 23 Jul 2020 11:21

Instrument :

MSVOA_D

ClientSampleId :

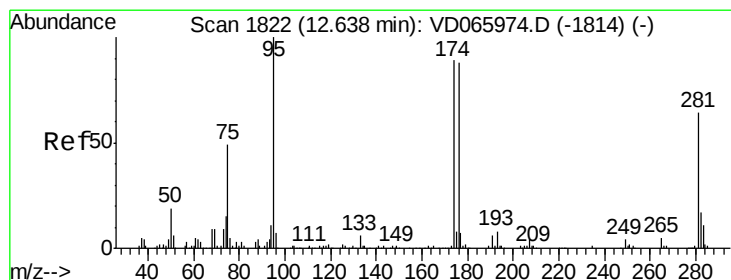
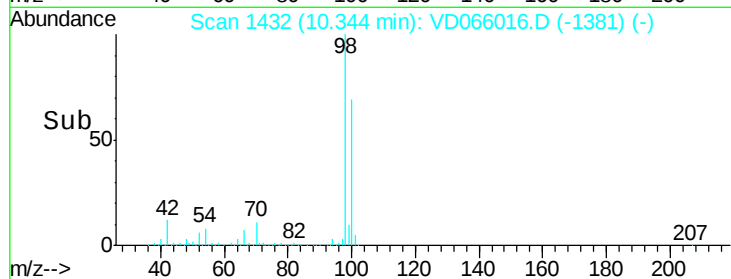
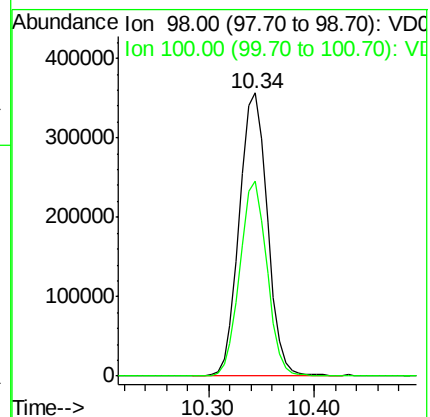
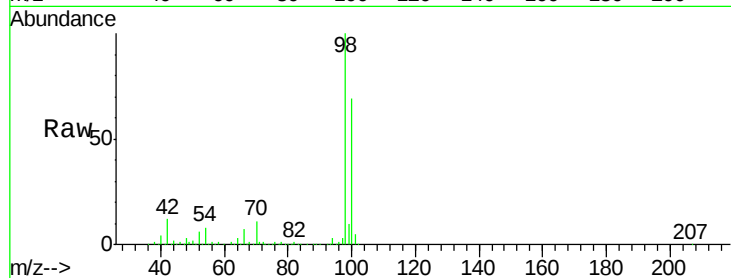
VD0723SBL01

Tot Ion: 98 Resp: 656608

Ion Ratio Lower Upper

98 100

100 66.8 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 62.232 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066016.D

Acq: 23 Jul 2020 11:21

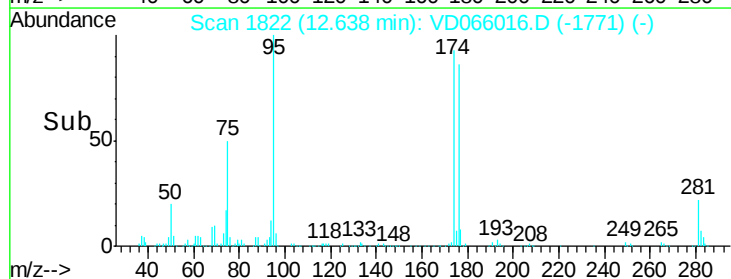
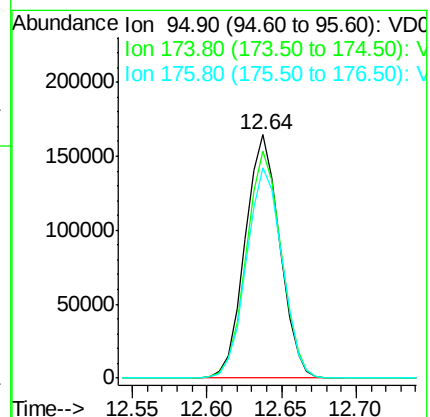
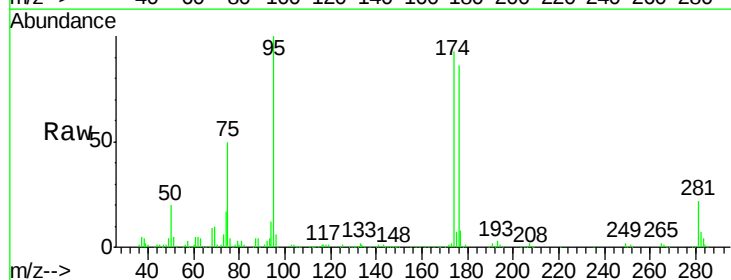
Tgt Ion: 95 Resp: 265196

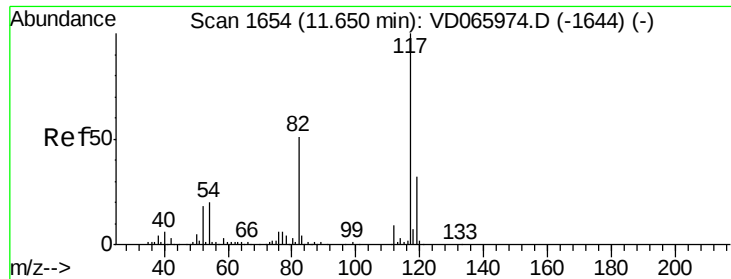
Ion Ratio Lower Upper

95 100

174 93.7 0.0 178.8

176 88.4 0.0 172.6

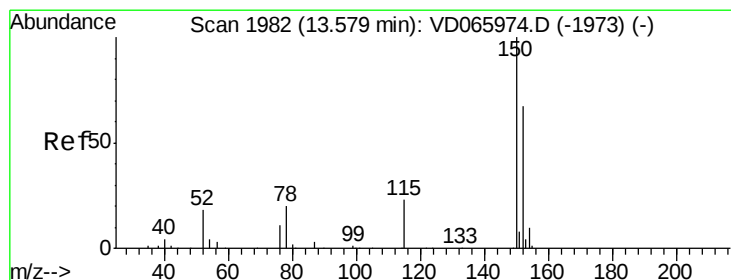
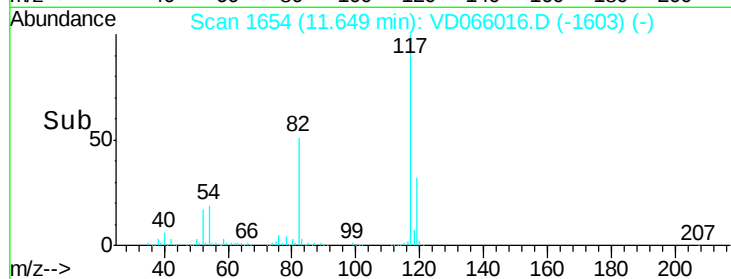
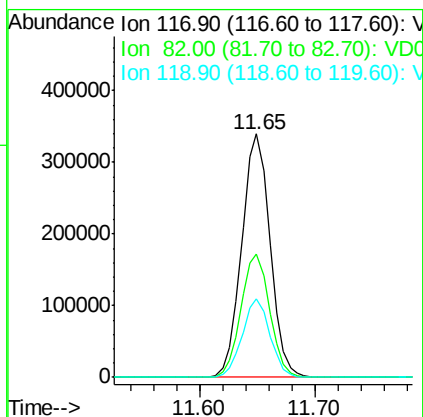
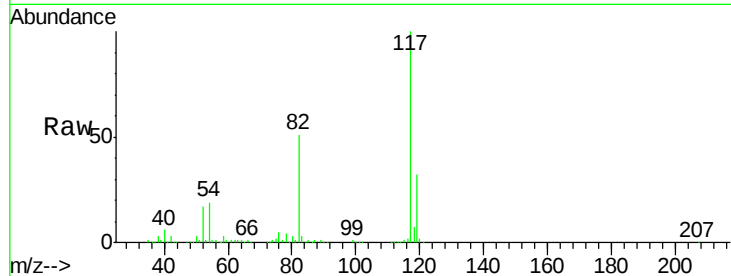




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066016.D
Acq: 23 Jul 2020 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD0723SBL01

Tot Ion:117 Resp: 579232
Ion Ratio Lower Upper
117 100
82 50.8 41.1 61.7
119 32.4 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: VD066016.D
Acq: 23 Jul 2020 11:21

Tgt Ion:152 Resp: 302421
Ion Ratio Lower Upper
152 100
115 54.3 27.9 83.7
150 155.8 0.0 348.2

