

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066180.D
 Acq On : 11 Aug 2020 11:51
 Operator : VA/SY
 Sample : VD0811SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBL01

Quant Time: Aug 11 15:25:00 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	305022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	510039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	590646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	329452	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	133591	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.91	113	155336	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.34	98	622247	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.63	95	290353	67.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.12%	

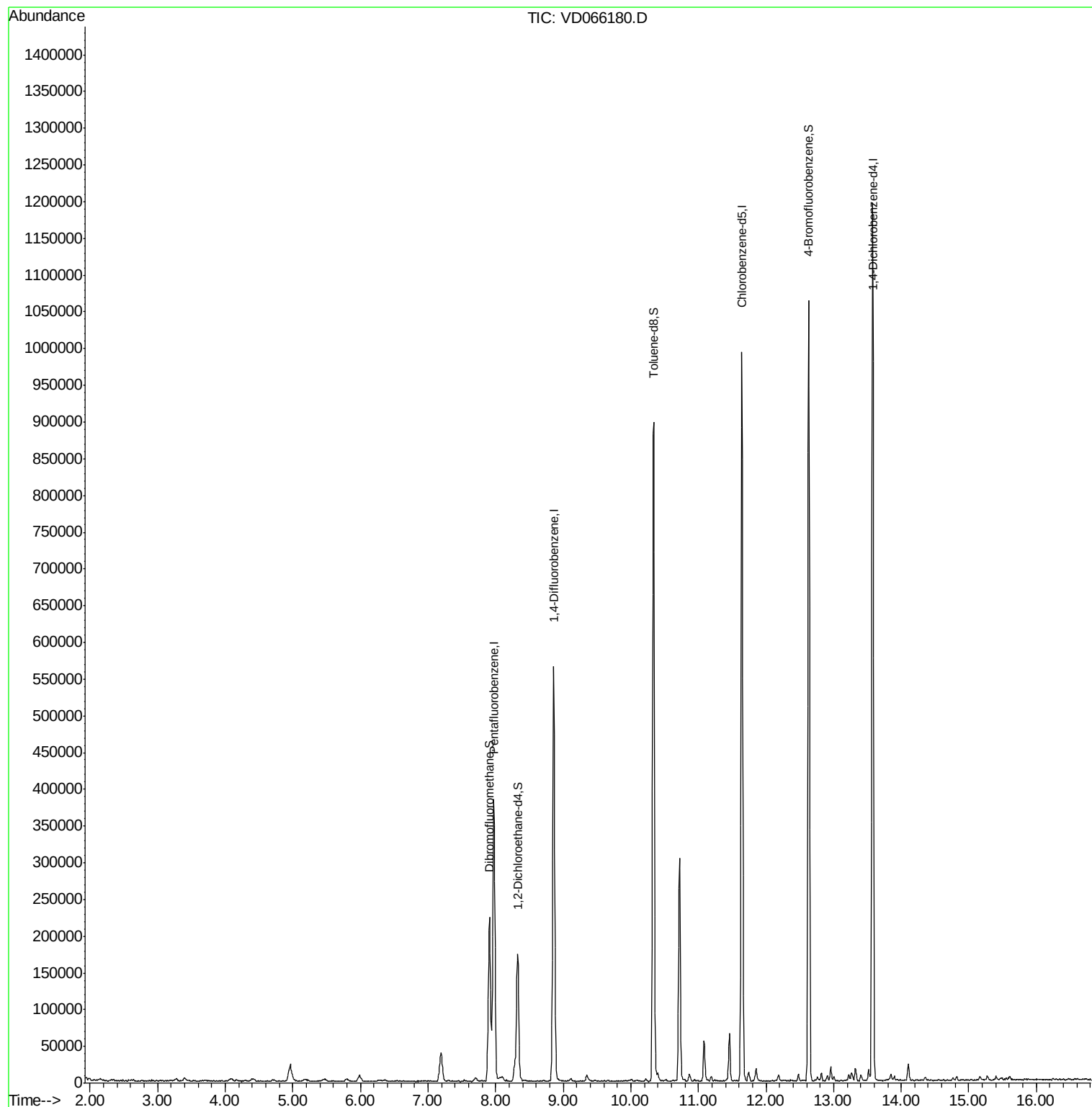
Target Compounds	Qvalue

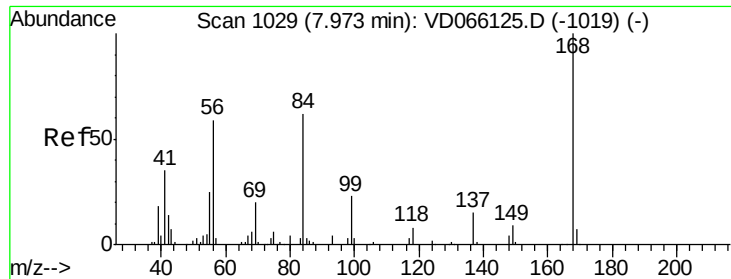
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066180.D

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Instrument :

MSVOA_D

ClientSampleId :

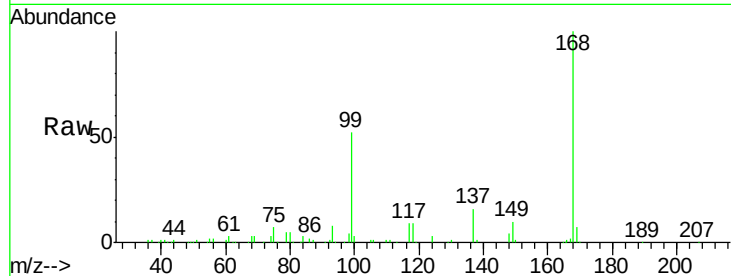
VD0811SBL01

Tot Ion:168 Resp: 305022

Ion Ratio Lower Upper

168 100

99 51.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

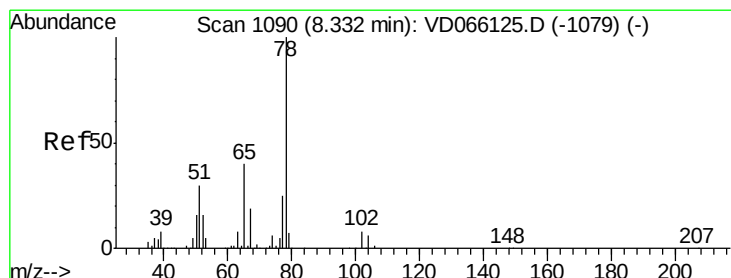
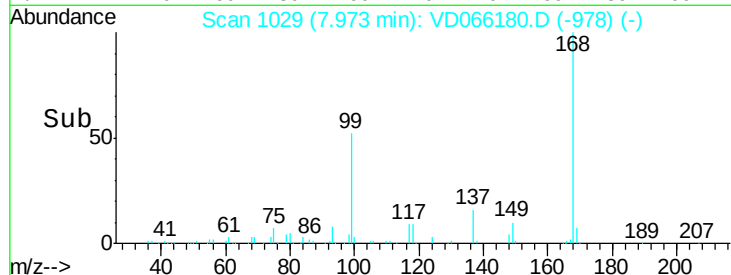
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.092 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066180.D

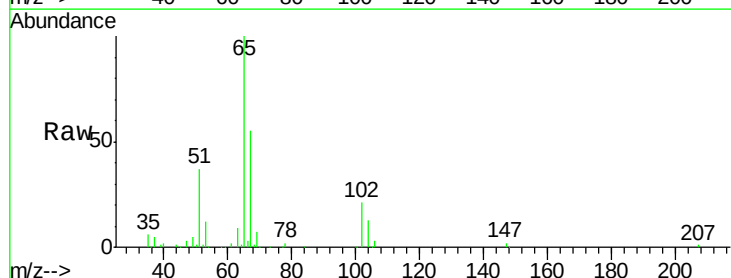
Acq: 11 Aug 2020 11:51

Tgt Ion: 65 Resp: 133591

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

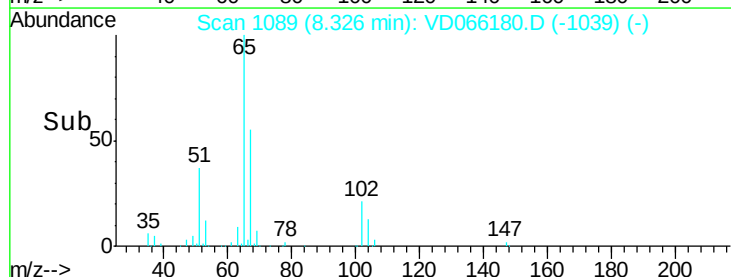
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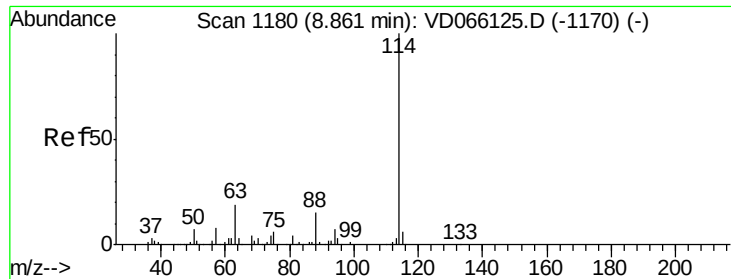
40000

20000

0

Time-->

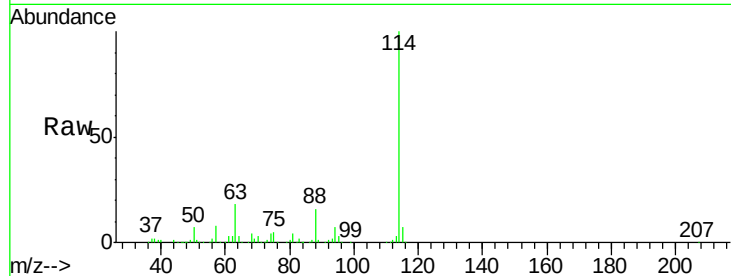




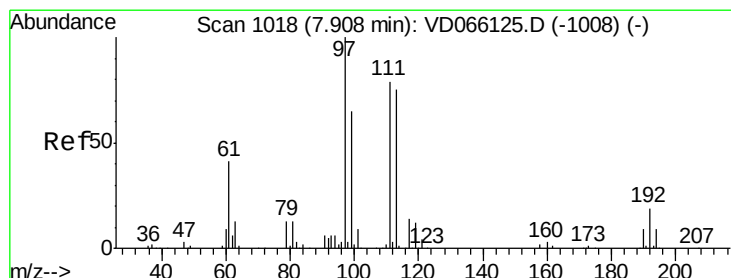
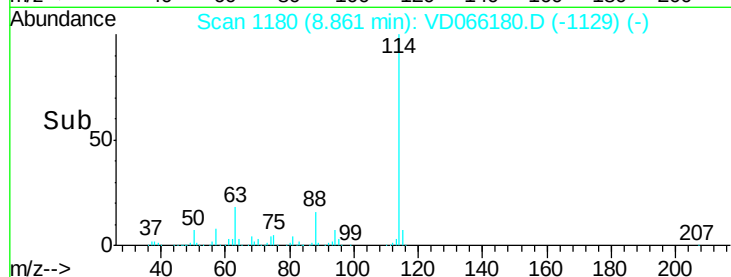
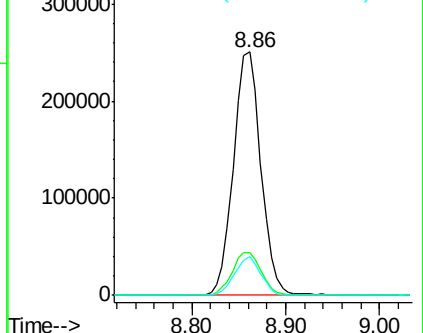
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066180.D
 Acq: 11 Aug 2020 11:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	38.6
88	15.8	0.0	30.0

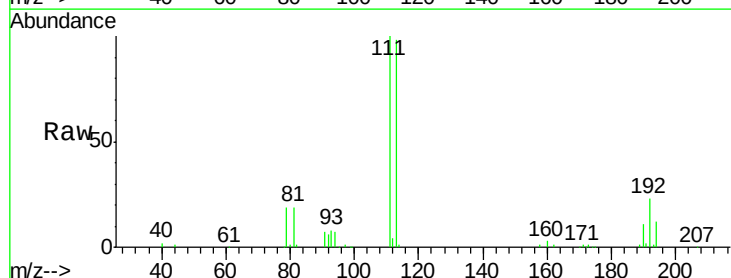


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

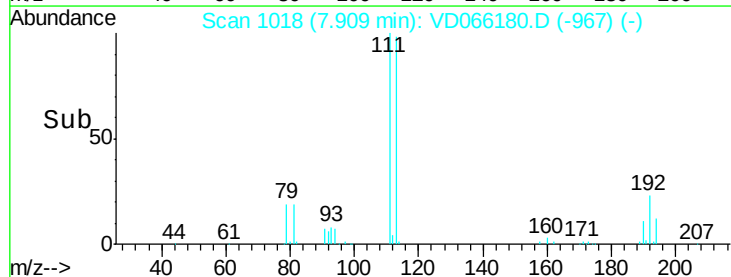
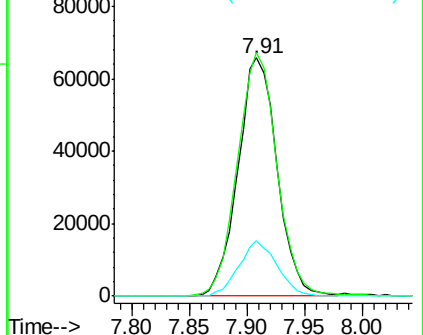


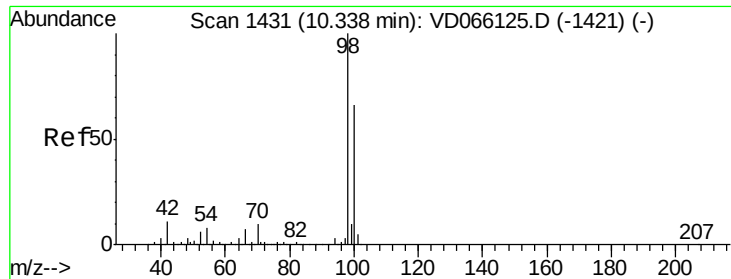
#35
 Dibromofluoromethane
 Concen: 48.076 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066180.D
 Acq: 11 Aug 2020 11:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.7	121.1
192	22.6	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: 52.187 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066180.D

Acq: 11 Aug 2020 11:51

Instrument :

MSVOA_D

ClientSampleId :

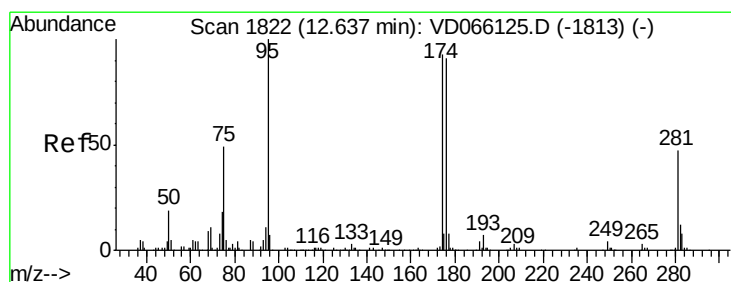
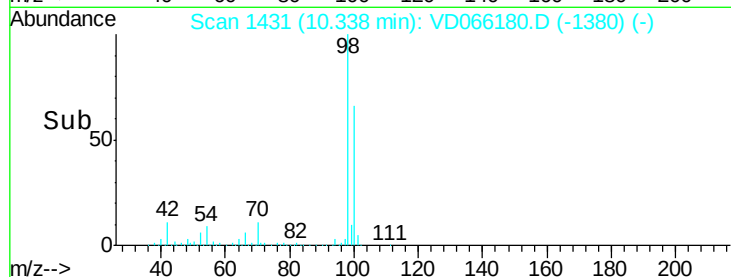
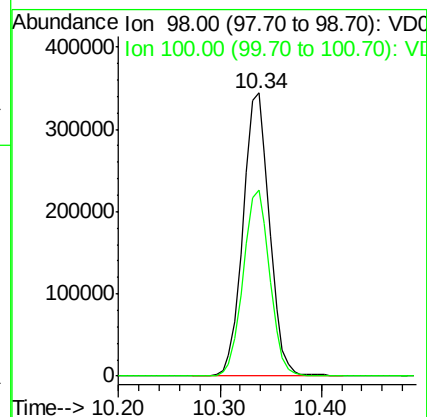
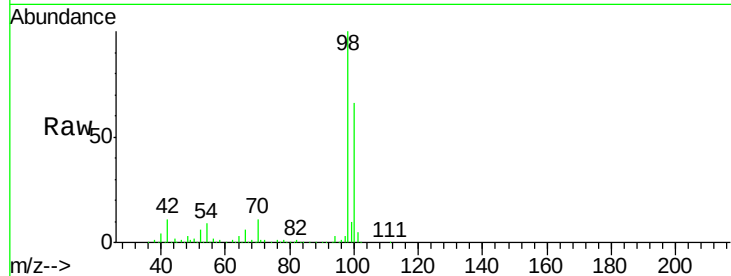
VD0811SBL01

Tot Ion: 98 Resp: 622247

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 67.557 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066180.D

Acq: 11 Aug 2020 11:51

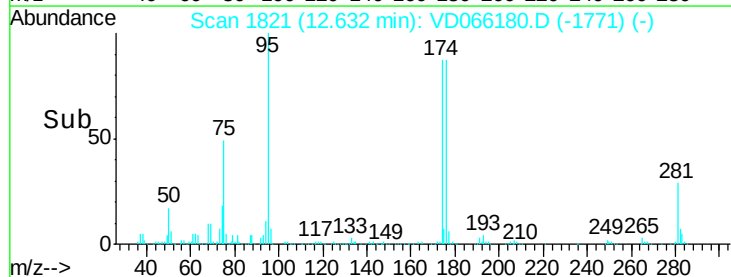
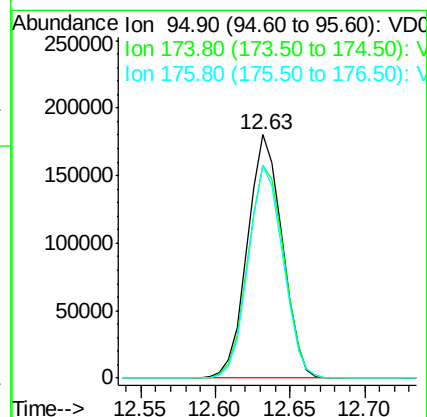
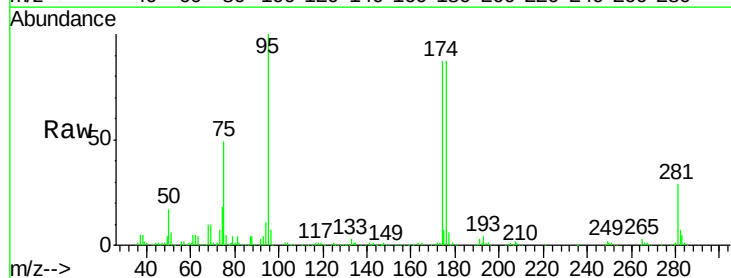
Tgt Ion: 95 Resp: 290353

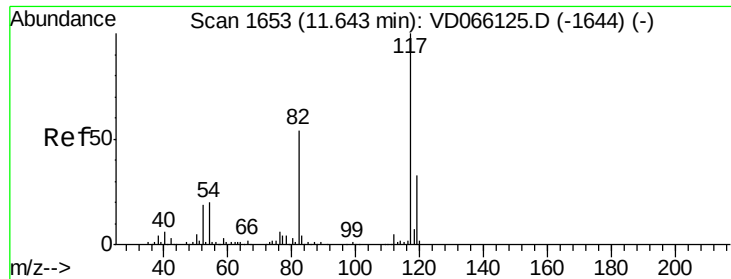
Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.8

176 86.9 0.0 181.2

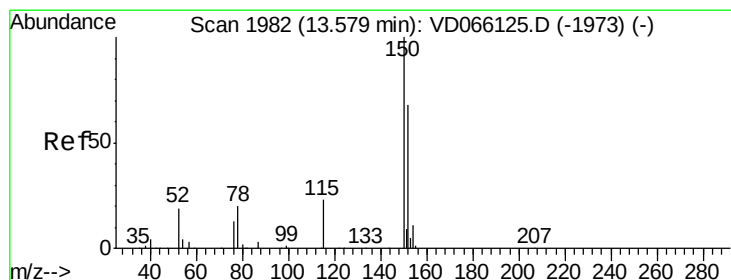
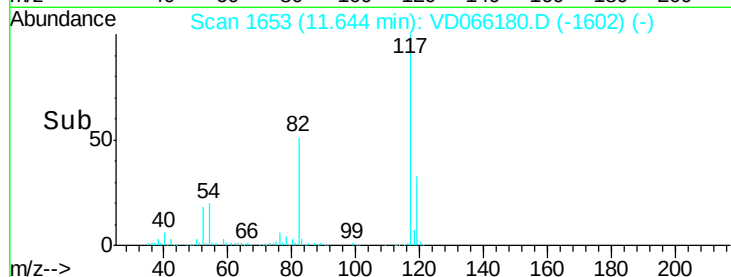
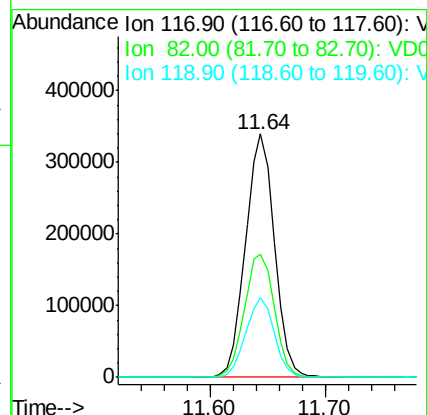
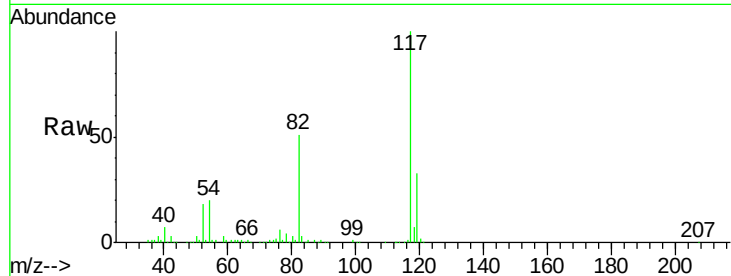




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

Tot Ion:117 Resp: 590646
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Tgt Ion:152 Resp: 329452
Ion Ratio Lower Upper
152 100
115 56.4 28.0 83.9
150 155.5 0.0 346.4

