

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066210.D
 Acq On : 13 Aug 2020 14:12
 Operator : VA/SY
 Sample : VD0813SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBL01

Quant Time: Aug 14 03:18:19 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	289635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	446604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	421787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	205271	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	152176	58.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.78%	
35) Dibromofluoromethane	7.91	113	151624	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	10.33	98	539979	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.63	95	189824	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

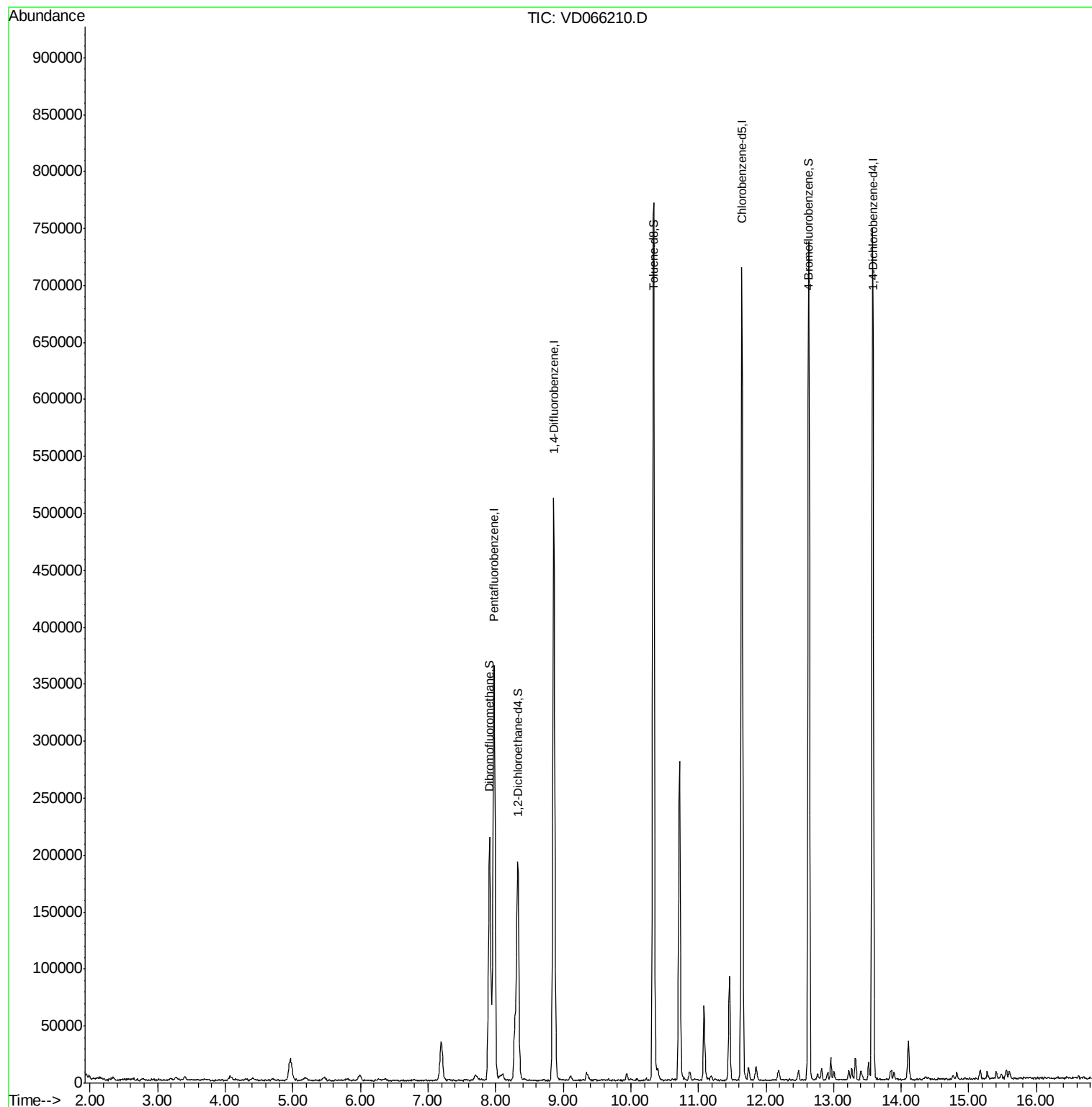
Target Compounds	Qvalue

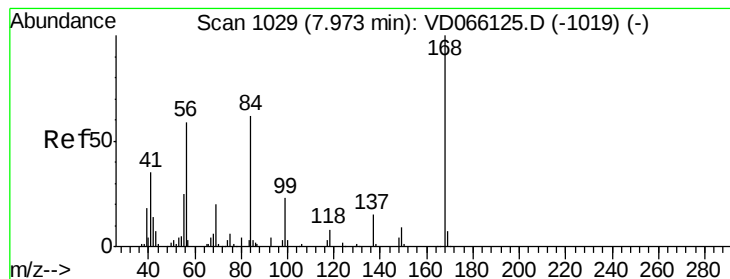
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066210.D

Acq: 13 Aug 2020 14:12

Instrument :

MSVOA_D

ClientSampleId :

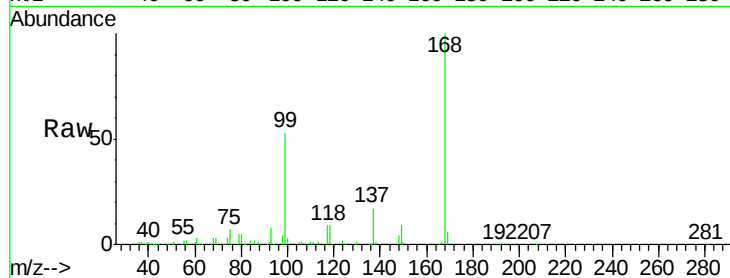
VD0813SBL01

Tot Ion:168 Resp: 289635

Ion Ratio Lower Upper

168 100

99 52.8 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

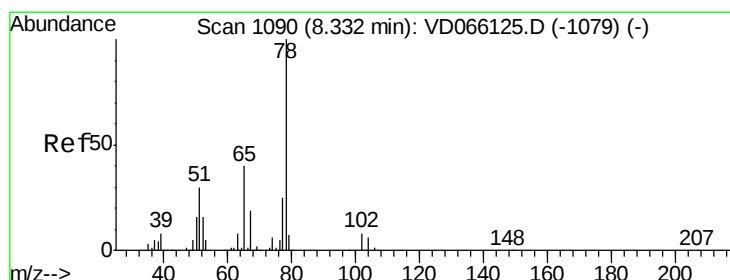
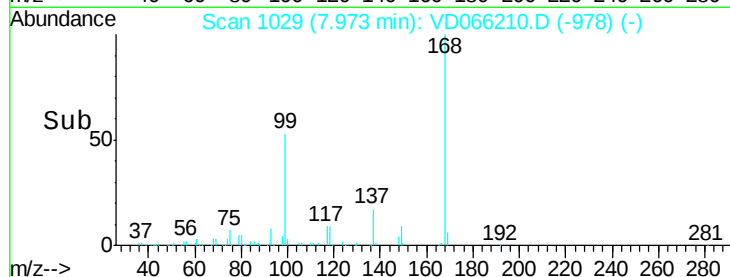
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.892 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066210.D

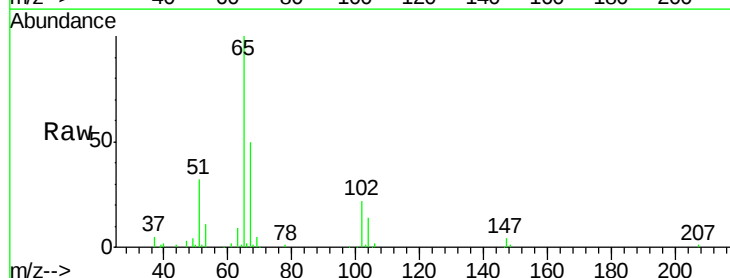
Acq: 13 Aug 2020 14:12

Tgt Ion: 65 Resp: 152176

Ion Ratio Lower Upper

65 100

67 50.6 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

80000

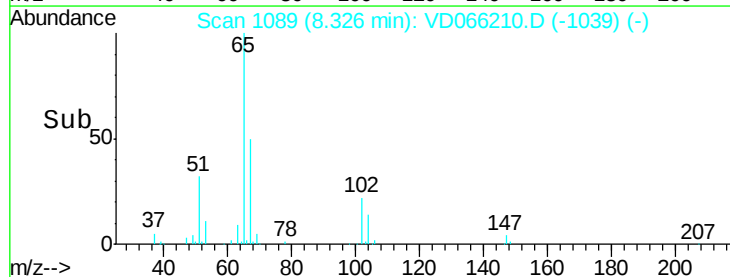
60000

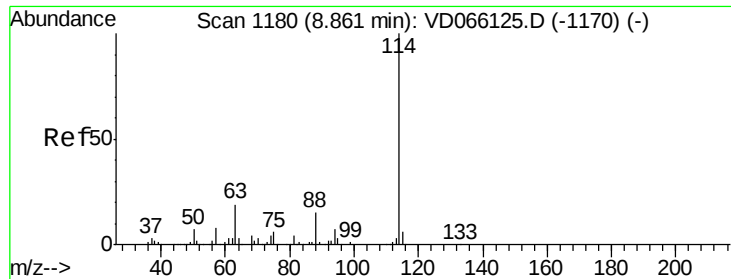
40000

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: VD066210.D

Acq: 13 Aug 2020 14:12

Instrument :

MSVOA_D

ClientSampleId :

VD0813SBL01

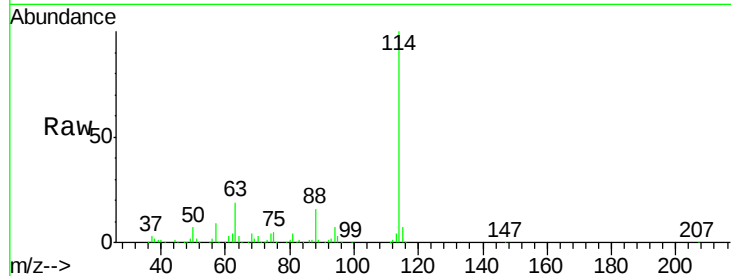
Tot Ion:114 Resp: 446604

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

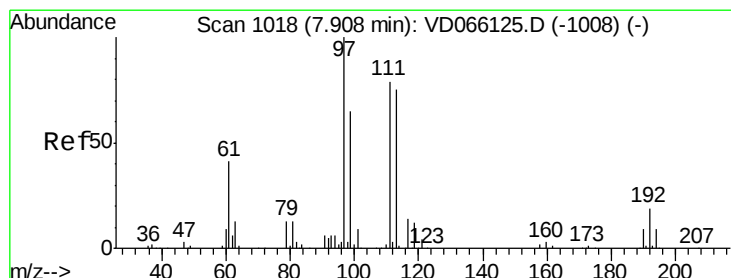
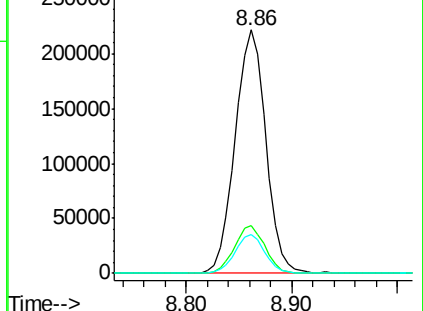
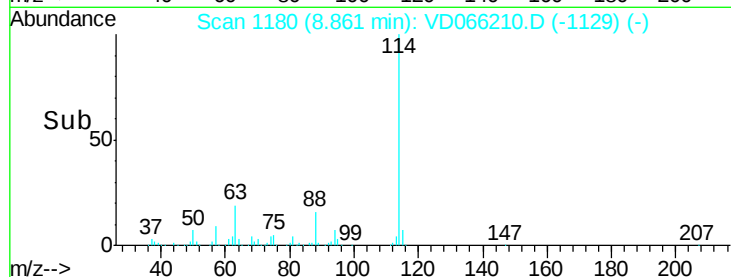
88 16.1 0.0 30.0



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: 53.593 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066210.D

Acq: 13 Aug 2020 14:12

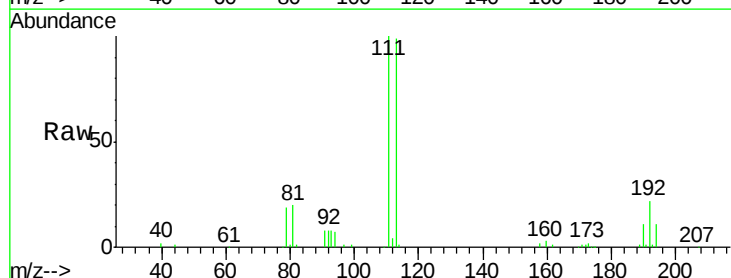
Tgt Ion:113 Resp: 151624

Ion Ratio Lower Upper

113 100

111 101.3 80.7 121.1

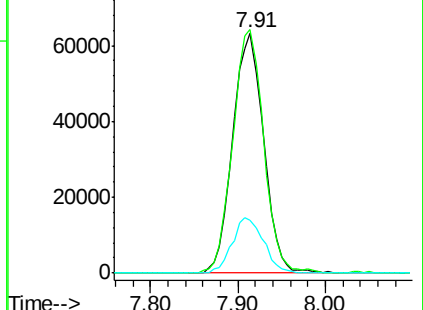
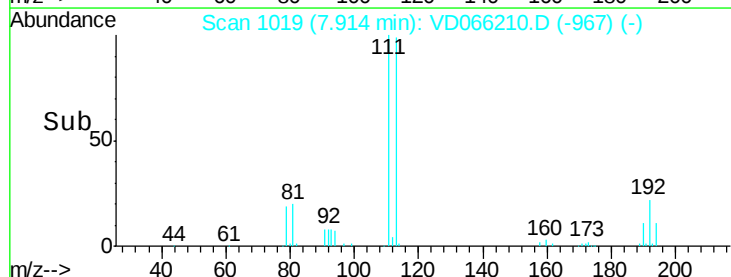
192 23.4 18.4 27.6

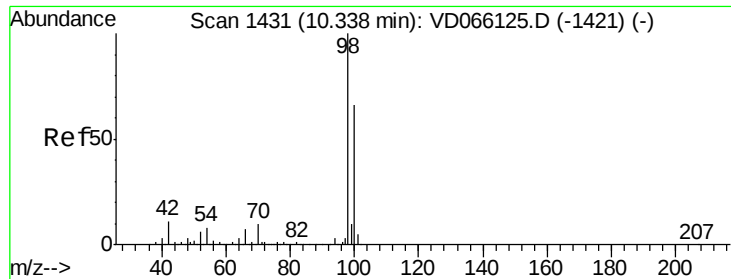


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.720 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066210.D

Acq: 13 Aug 2020 14:12

Instrument :

MSVOA_D

ClientSampleId :

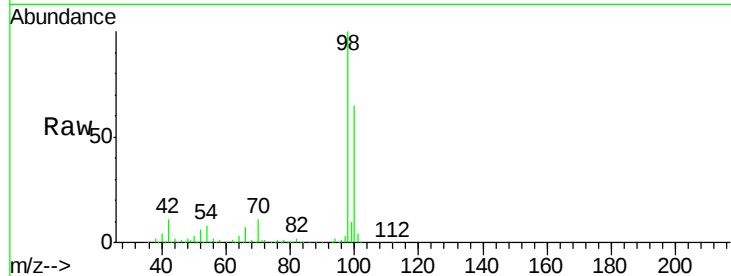
VD0813SBL01

Tot Ion: 98 Resp: 539979

Ion Ratio Lower Upper

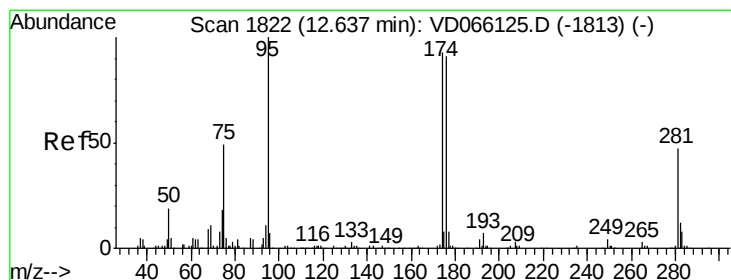
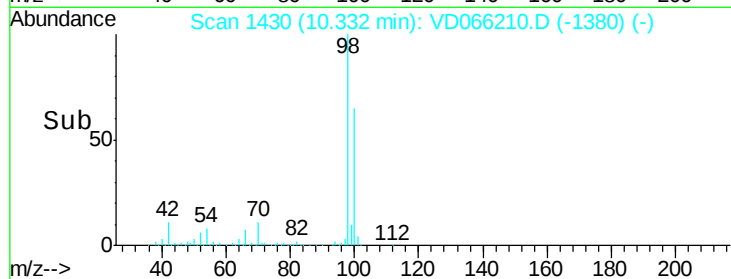
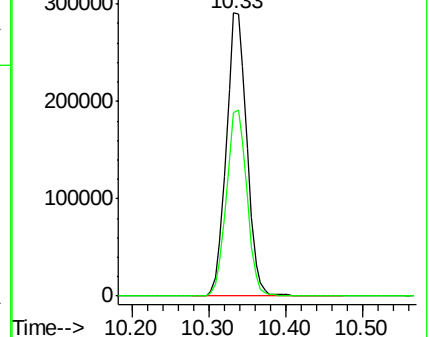
98 100

100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.440 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066210.D

Acq: 13 Aug 2020 14:12

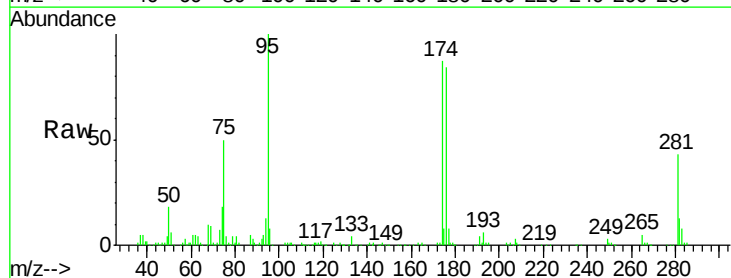
Tgt Ion: 95 Resp: 189824

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.8

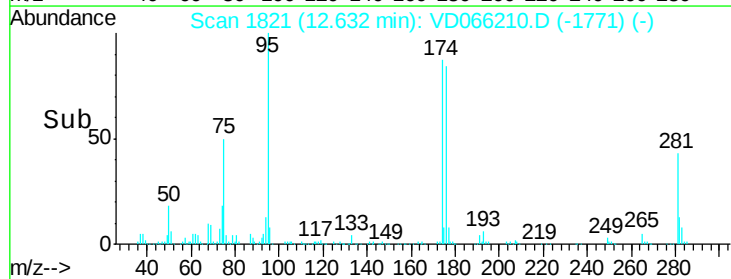
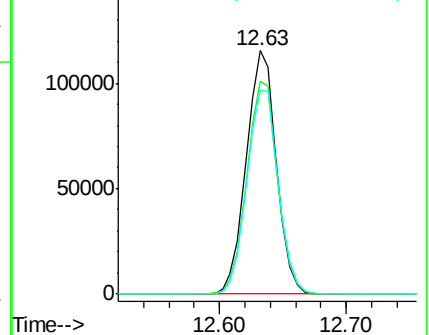
176 87.3 0.0 181.2

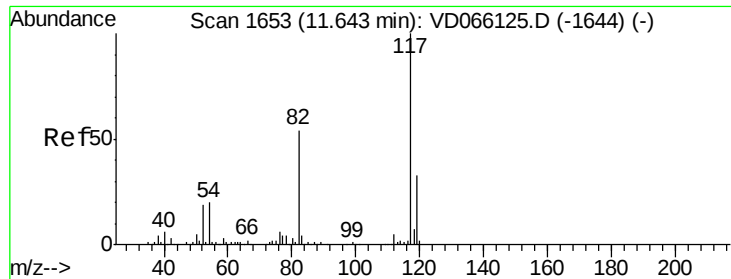


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

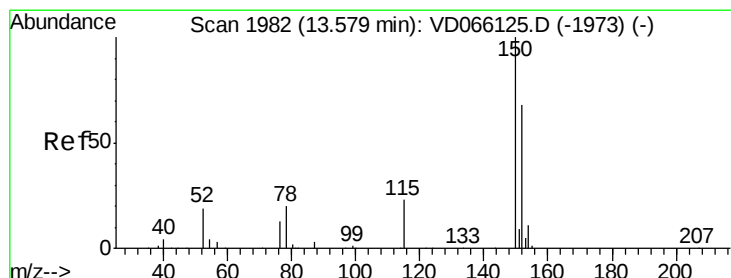
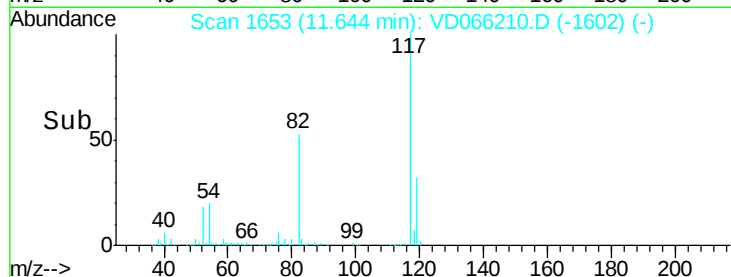
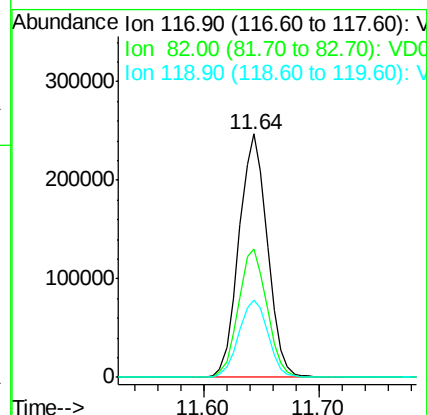
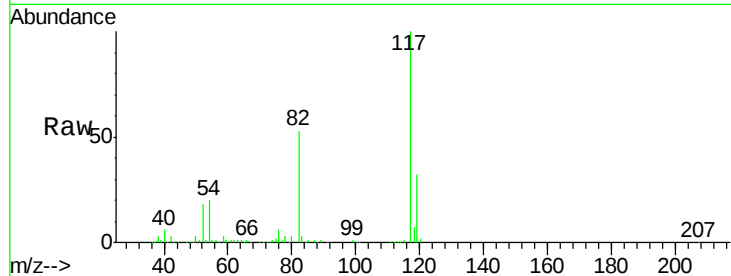




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066210.D
Acq: 13 Aug 2020 14:12

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBL01

Tot Ion:117 Resp: 421787
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.0 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: VD066210.D
Acq: 13 Aug 2020 14:12

Tgt Ion:152 Resp: 205271
Ion Ratio Lower Upper
152 100
115 56.9 28.0 83.9
150 159.6 0.0 346.4

