

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066136.D
 Acq On : 06 Aug 2020 15:59
 Operator : VA/SY
 Sample : L3553-01
 Misc : 7.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JB-1-(3-4)

Quant Time: Aug 07 01:55:18 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	7.98	168	273385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	449811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	487036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256448	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	121076	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.91	113	139963	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.34	98	547706	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.64	95	229276	60.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.98%	

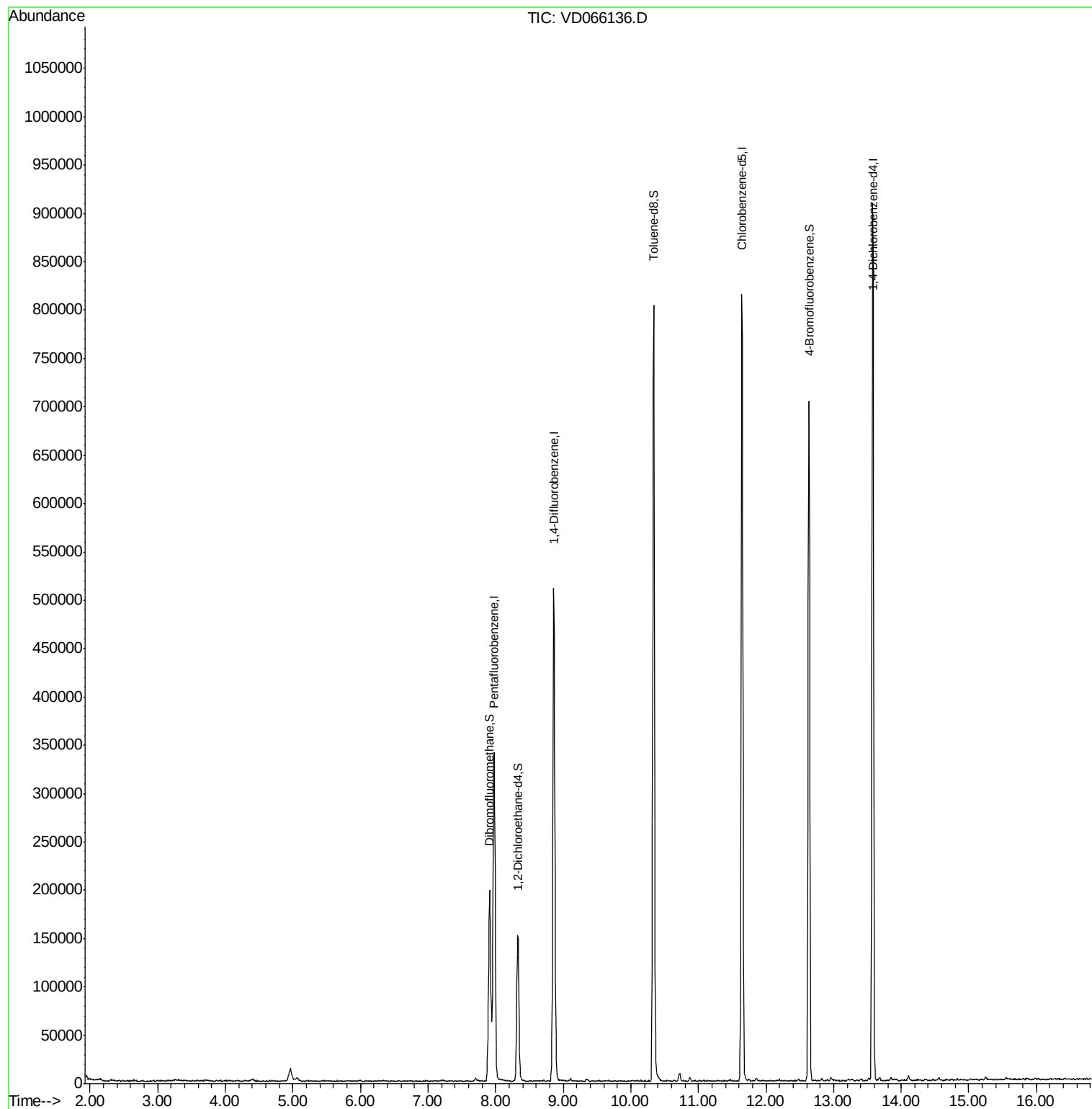
Target Compounds	Qvalue

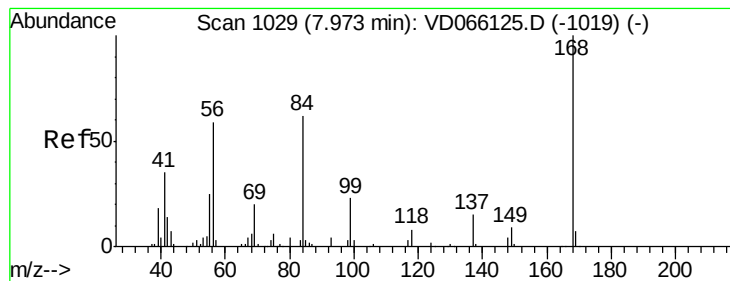
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066136.D

Acq: 06 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

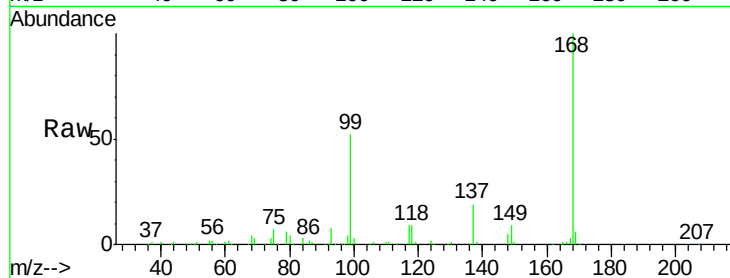
JB-1-(3-4)

Tot Ion:168 Resp: 273385

Ion Ratio Lower Upper

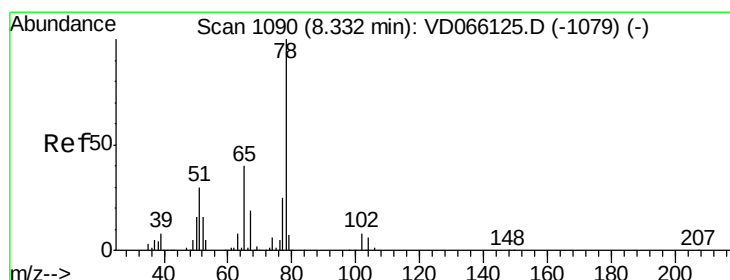
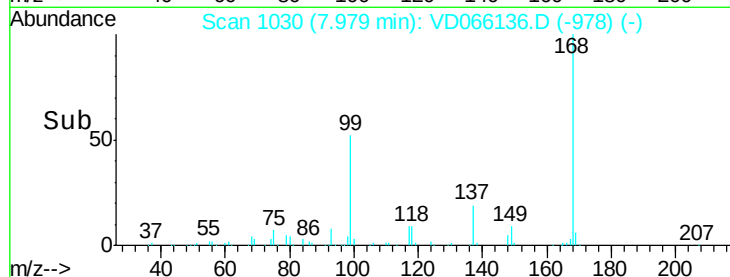
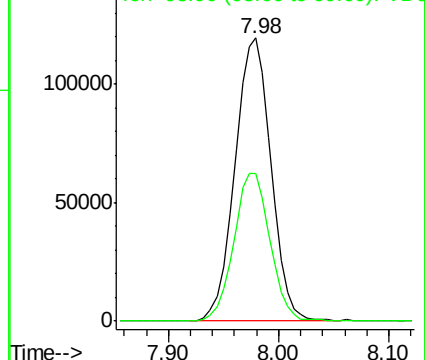
168 100

99 52.1 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: 49.641 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066136.D

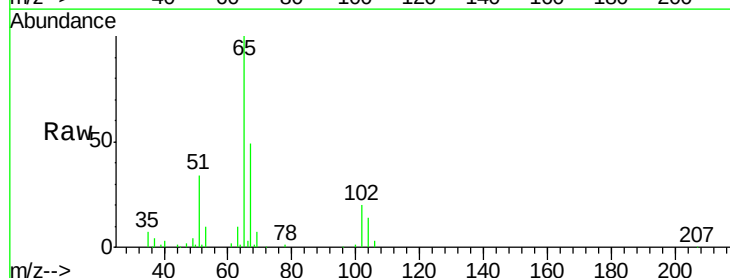
Acq: 06 Aug 2020 15:59

Tgt Ion: 65 Resp: 121076

Ion Ratio Lower Upper

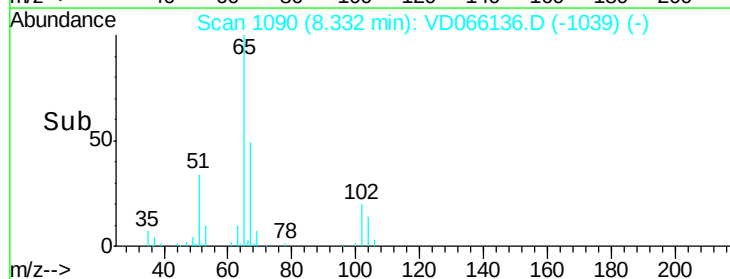
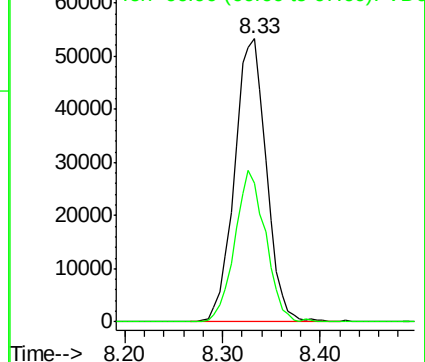
65 100

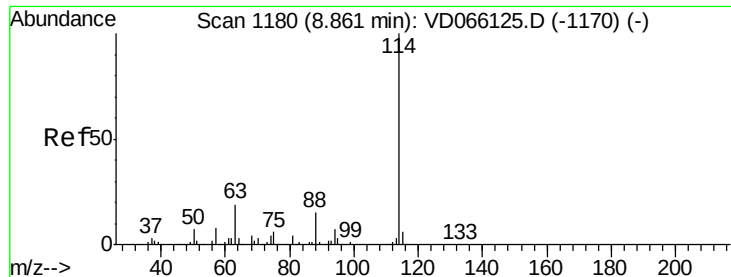
67 51.3 0.0 104.6



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: VD066136.D

Acq: 06 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

JB-1-(3-4)

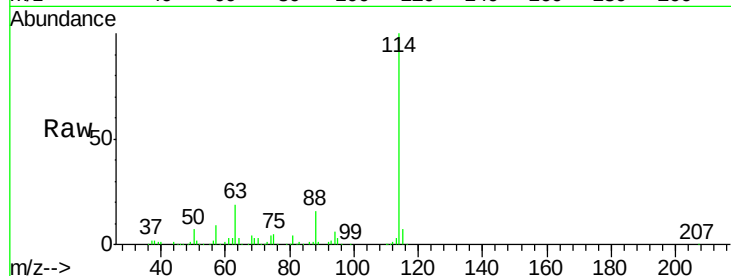
Tot Ion:114 Resp: 449811

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

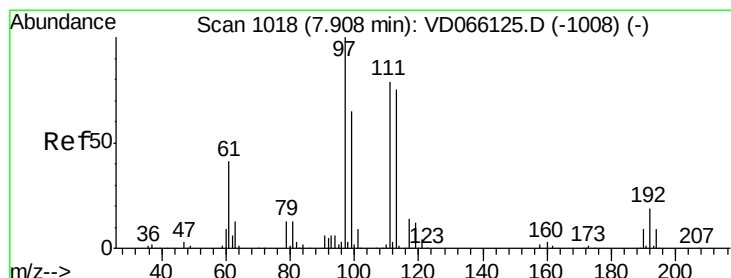
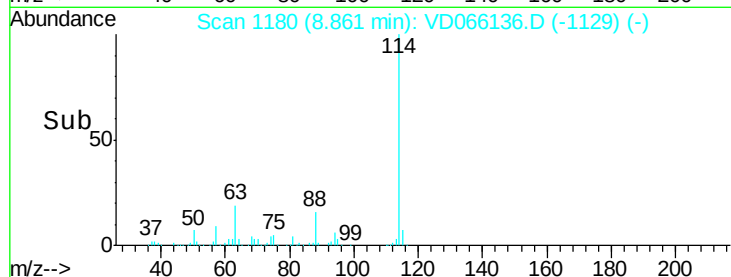
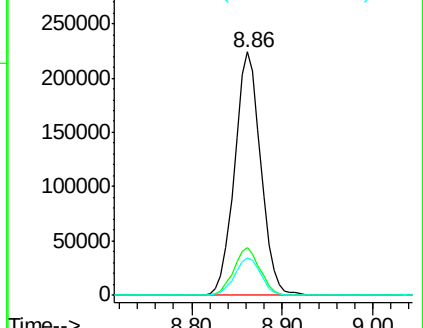
88 15.6 0.0 30.0



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: 49.118 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066136.D

Acq: 06 Aug 2020 15:59

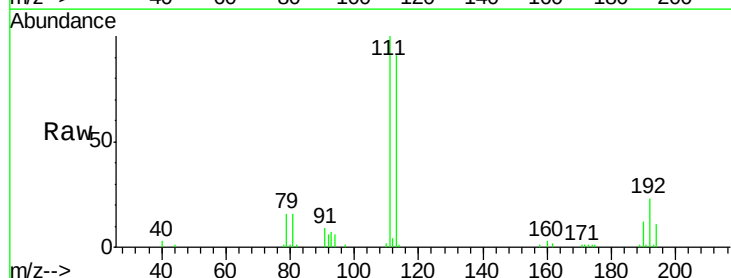
Tgt Ion:113 Resp: 139963

Ion Ratio Lower Upper

113 100

111 103.7 80.7 121.1

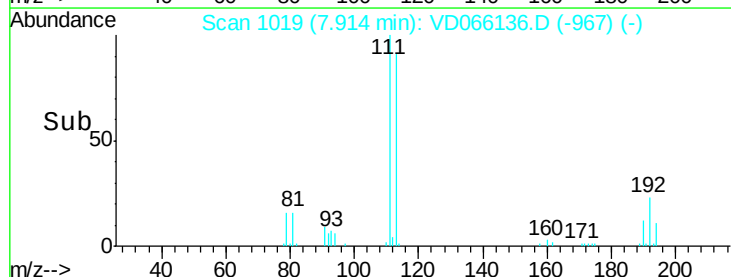
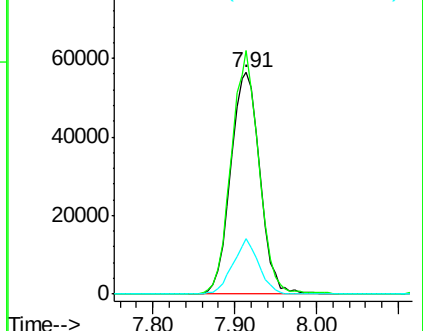
192 22.1 18.4 27.6

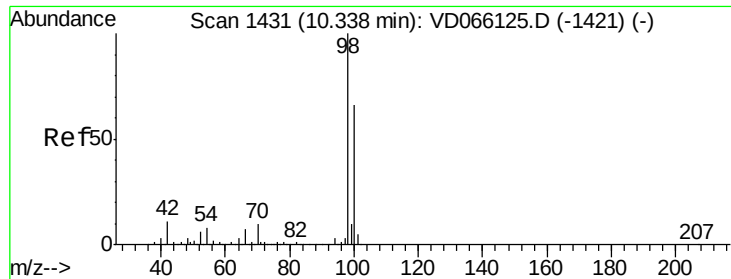


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.086 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066136.D

Acq: 06 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

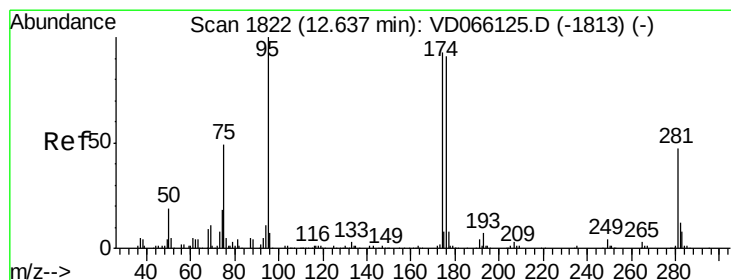
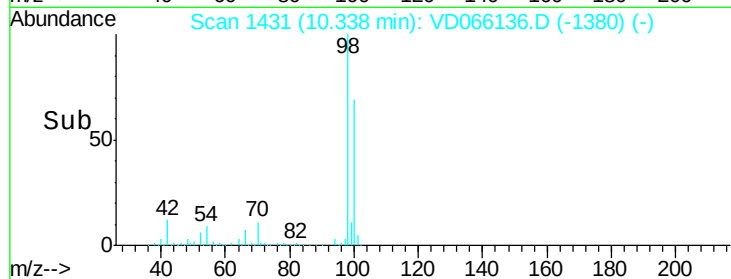
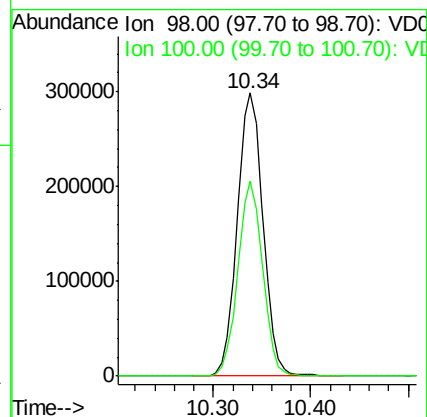
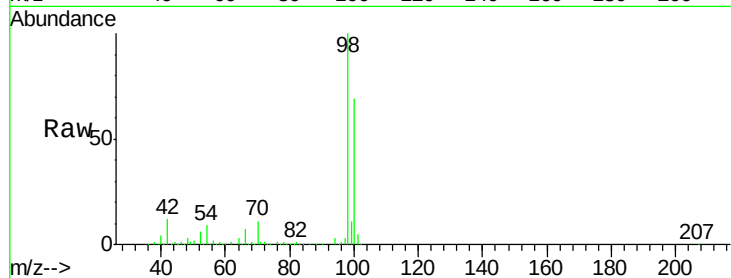
JB-1-(3-4)

Tot Ion: 98 Resp: 547706

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 60.489 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066136.D

Acq: 06 Aug 2020 15:59

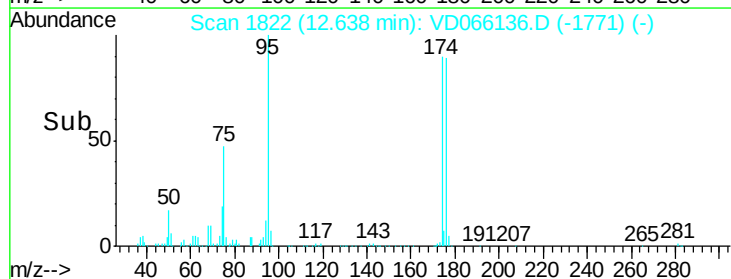
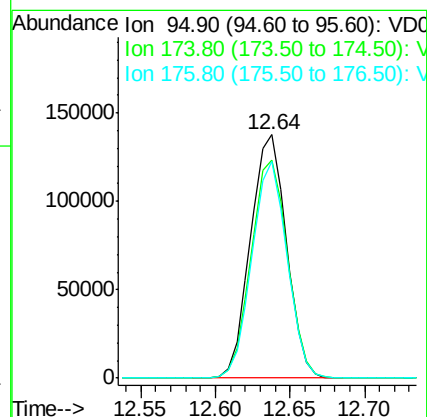
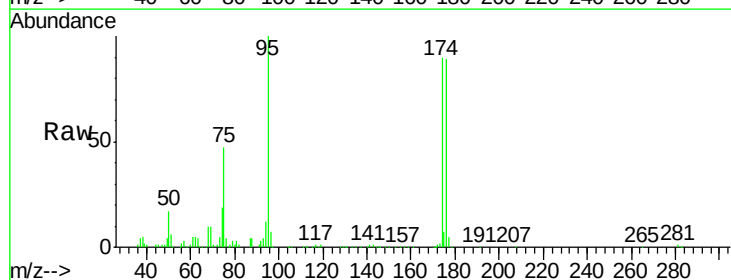
Tgt Ion: 95 Resp: 229276

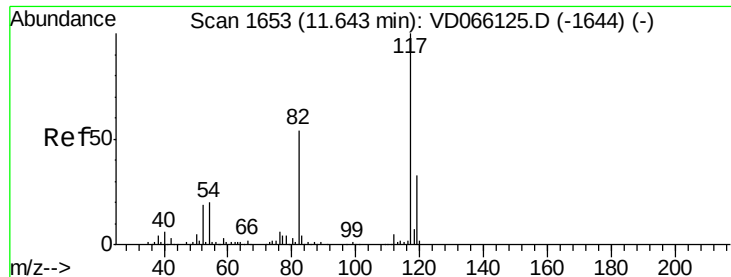
Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.8

176 86.9 0.0 181.2

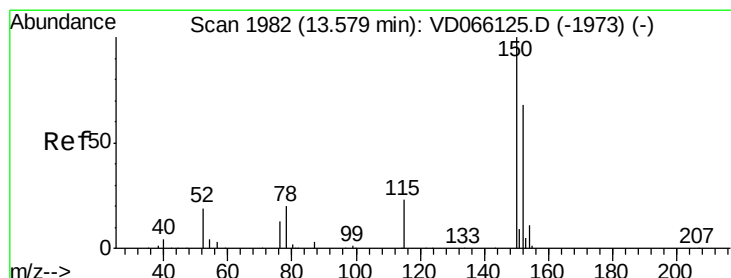
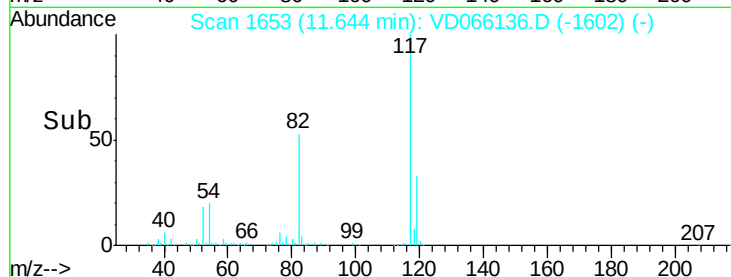
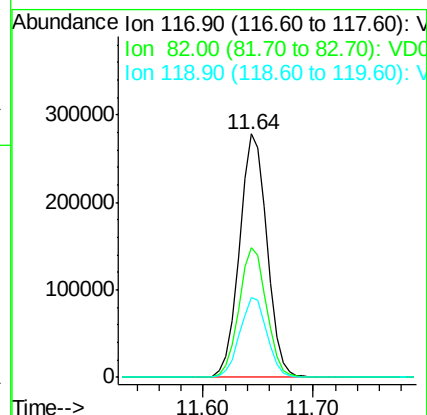
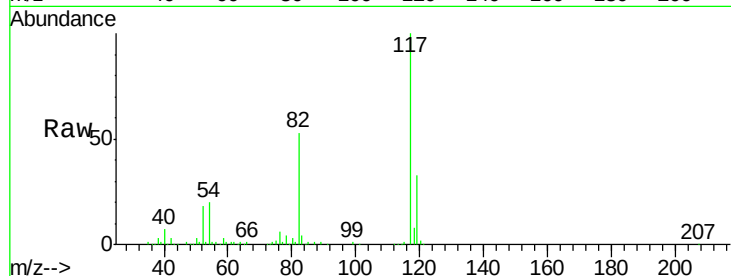




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066136.D
Acq: 06 Aug 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
JB-1-(3-4)

Tot Ion:117 Resp: 487036
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.6 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: VD066136.D
Acq: 06 Aug 2020 15:59

Tgt Ion:152 Resp: 256448
Ion Ratio Lower Upper
152 100
115 55.6 28.0 83.9
150 157.7 0.0 346.4

