

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066776.D
 Acq On : 18 Sep 2020 19:49
 Operator : VA/SY
 Sample : L3870-06
 Misc : 5.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-091720

Quant Time: Sep 19 06:55:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	255291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	457294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	460633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	202346	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	188922	69.36	ug/l	0.00
Spiked Amount						
			Recovery	=	138.72%	
35) Dibromofluoromethane	7.91	113	166693	59.46	ug/l	0.00
Spiked Amount						
			Recovery	=	118.92%	
50) Toluene-d8	10.34	98	573761	57.44	ug/l	0.00
Spiked Amount						
			Recovery	=	114.88%	
62) 4-Bromofluorobenzene	12.63	95	194486	56.41	ug/l	0.00
Spiked Amount						
			Recovery	=	112.82%	

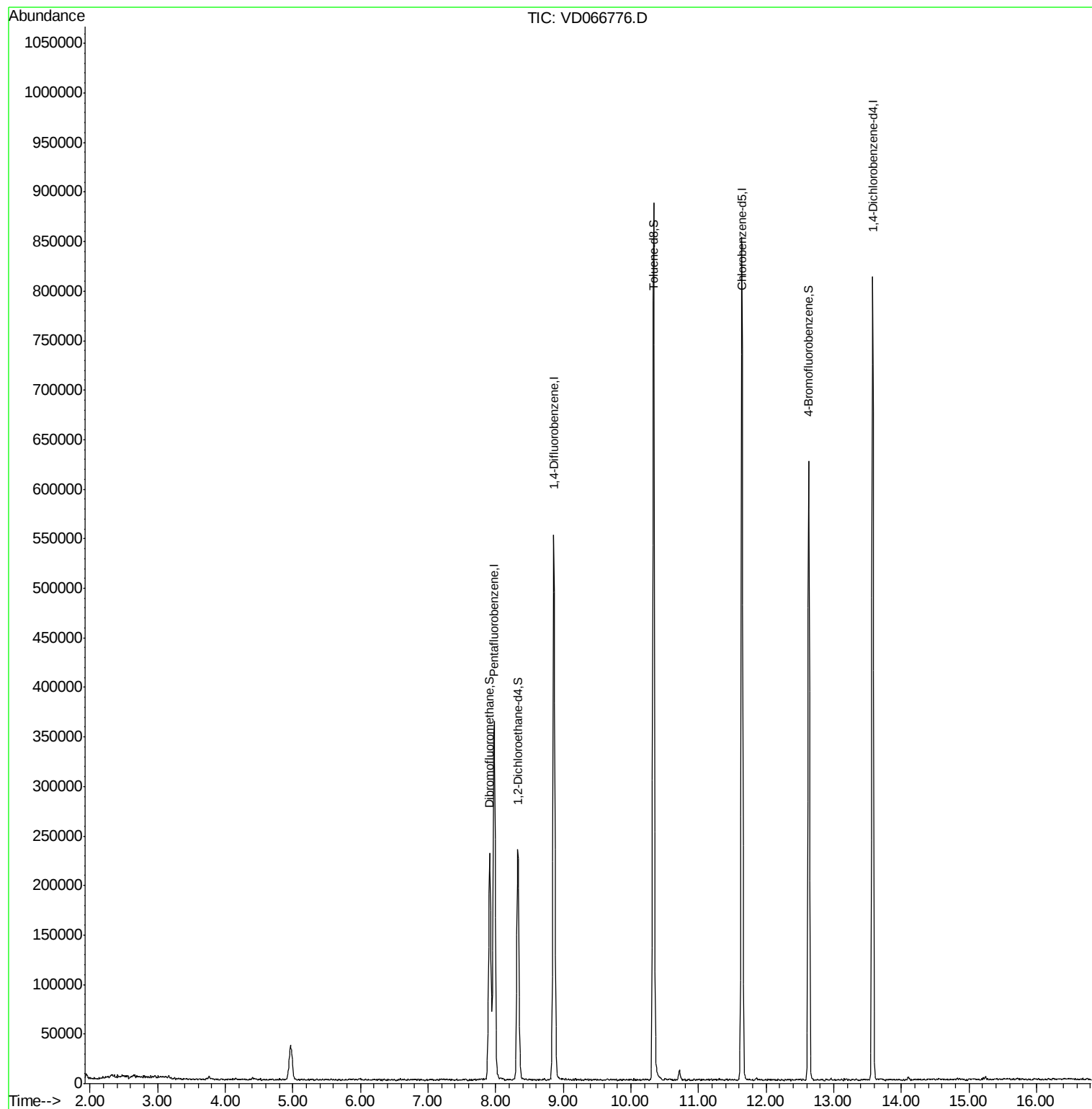
Target Compounds	Qvalue

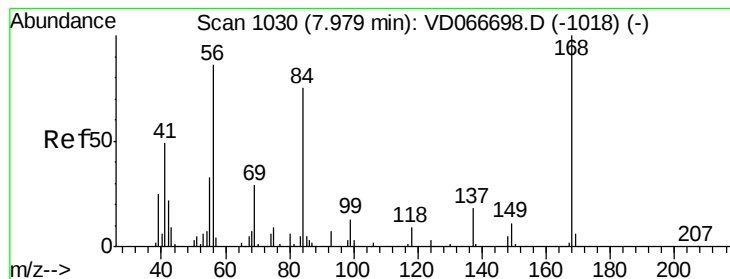
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

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Acq: 18 Sep 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

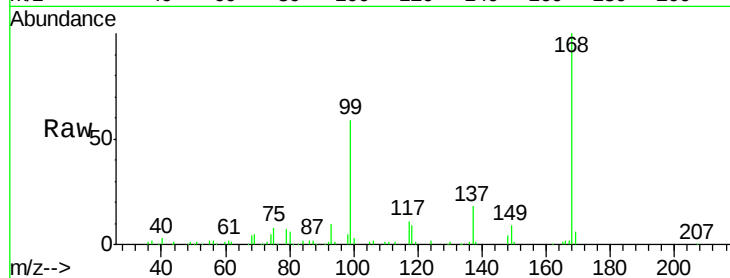
SU-02-091720

Tot Ion:168 Resp: 255291

Ion Ratio Lower Upper

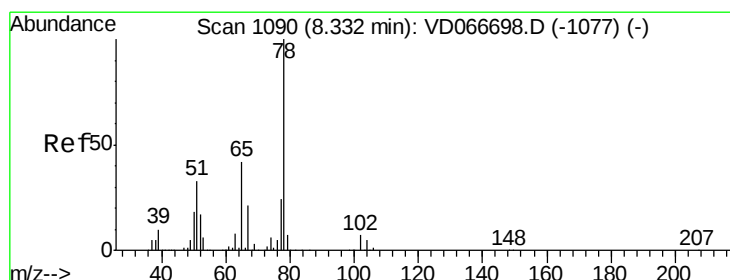
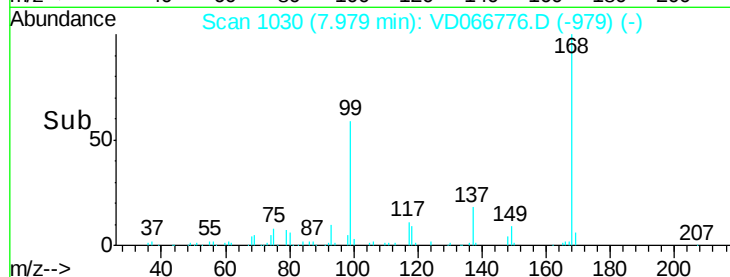
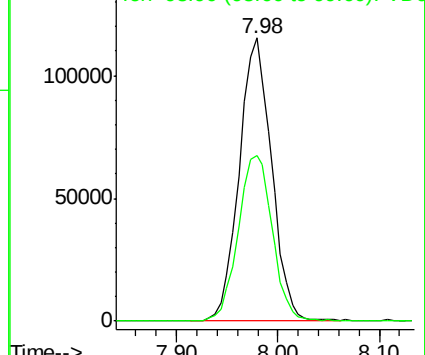
168 100

99 58.6 54.4 81.6



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: 69.360 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066776.D

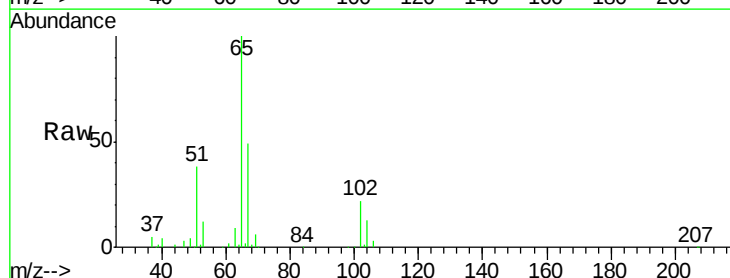
Acq: 18 Sep 2020 19:49

Tgt Ion: 65 Resp: 188922

Ion Ratio Lower Upper

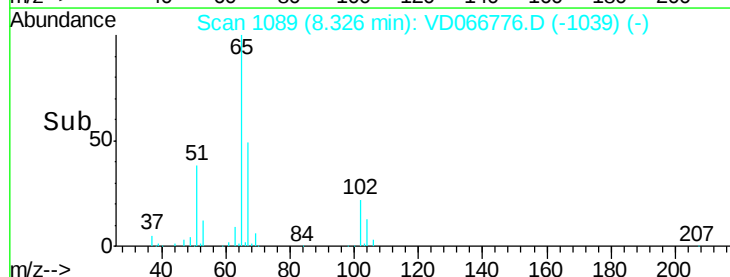
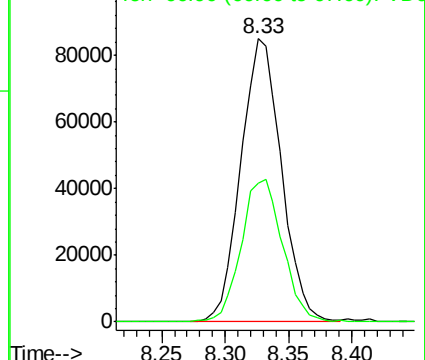
65 100

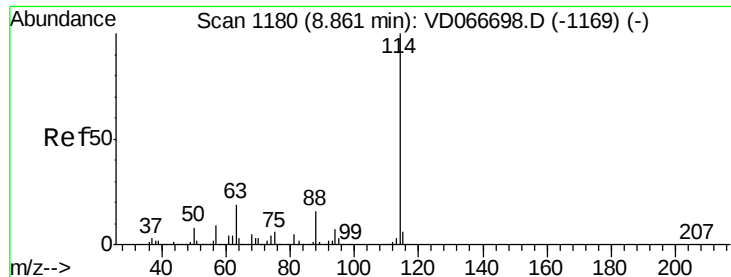
67 51.6 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

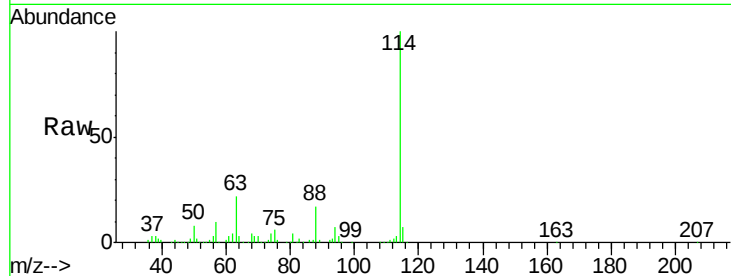




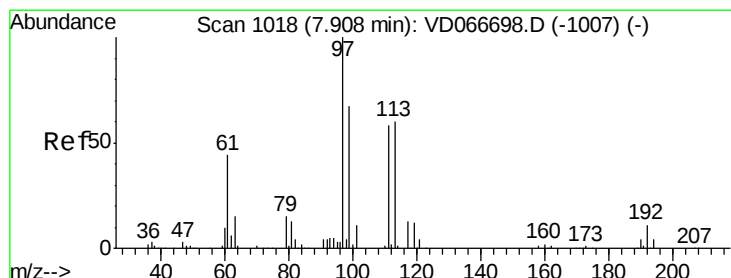
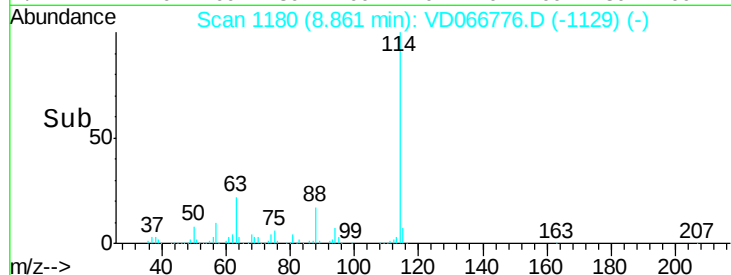
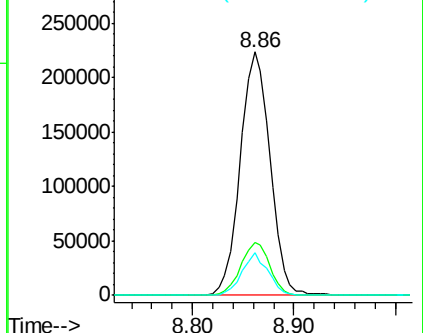
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066776.D
 Acq: 18 Sep 2020 19:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-091720

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	37.6
88	17.4	0.0	32.2

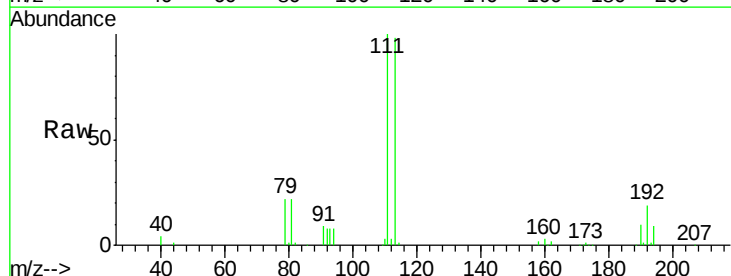


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

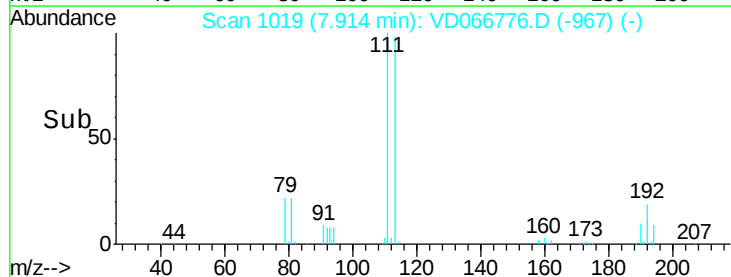
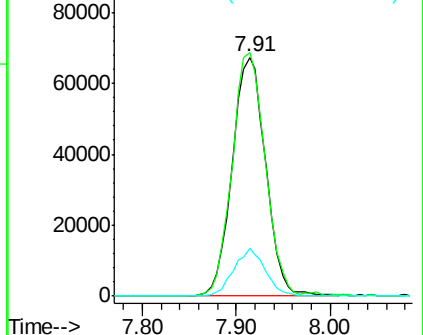


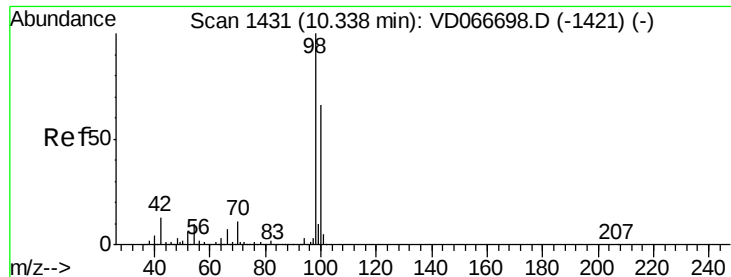
#35
 Dibromofluoromethane
 Concen: 59.456 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066776.D
 Acq: 18 Sep 2020 19:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.2	124.8
192	18.5	14.8	22.2



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: 57.441 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066776.D

Acq: 18 Sep 2020 19:49

Instrument :

MSVOA_D

ClientSampleId :

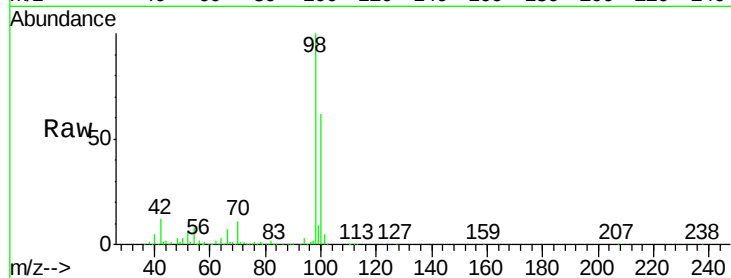
SU-02-091720

Tot Ion: 98 Resp: 573761

Ion Ratio Lower Upper

98 100

100 64.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

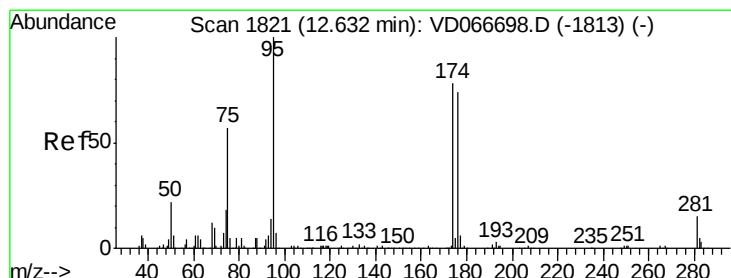
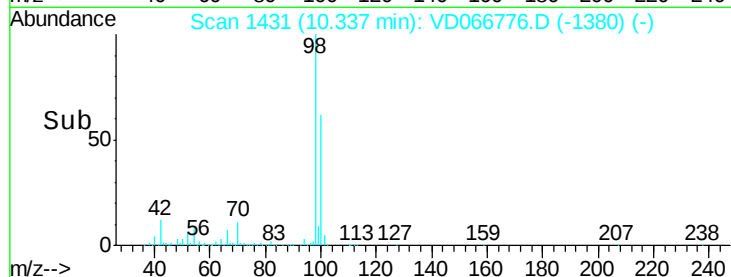
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 56.406 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066776.D

Acq: 18 Sep 2020 19:49

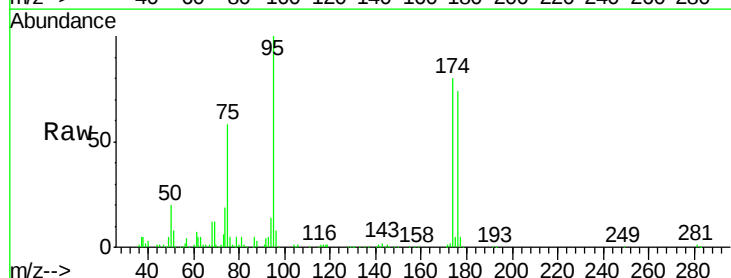
Tgt Ion: 95 Resp: 194486

Ion Ratio Lower Upper

95 100

174 78.8 0.0 156.6

176 74.9 0.0 150.2



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

12.63

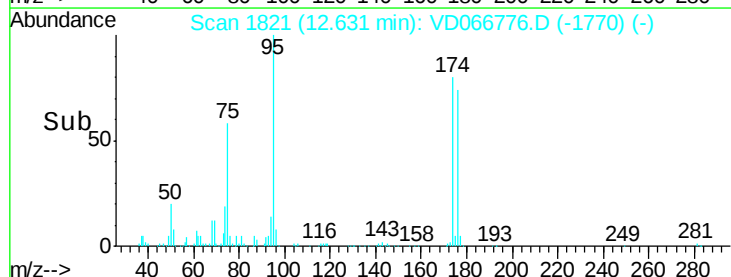
150000

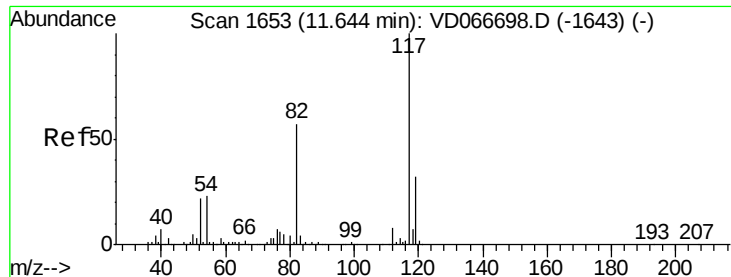
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

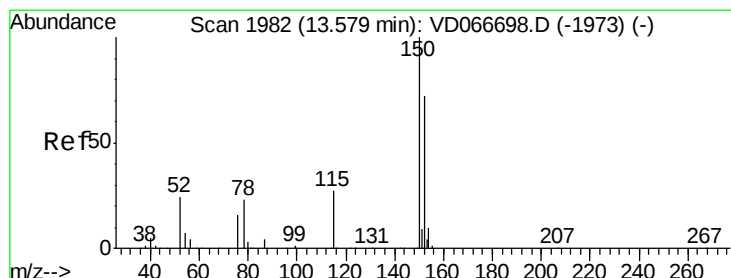
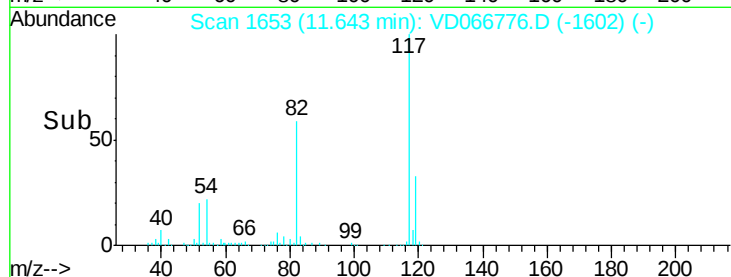
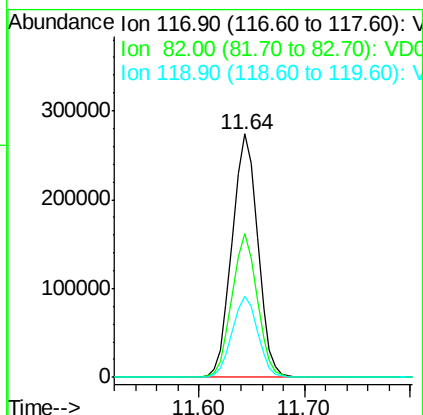
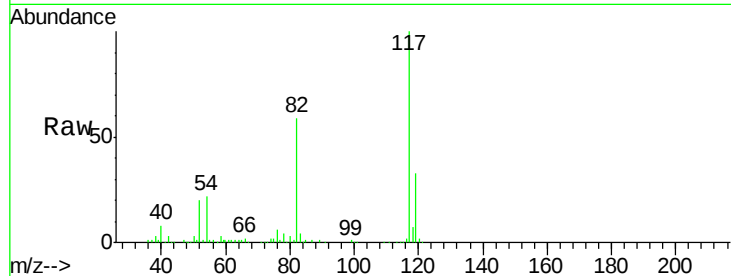




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066776.D
Acq: 18 Sep 2020 19:49

Instrument :
MSVOA_D
ClientSampleId :
SU-02-091720

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	45.4	68.0
119	33.3	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066776.D
Acq: 18 Sep 2020 19:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	30.5	91.5
150	160.2	0.0	344.6

