

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066872.D
 Acq On : 25 Sep 2020 14:21
 Operator : VA/SY
 Sample : L4130-01
 Misc : 5.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-84

Quant Time: Sep 26 04:23:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	4144227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	6982942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	6247656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	2030331	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	2125487	52.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.80%	
35) Dibromofluoromethane	7.91	113	2206888	49.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.36%	
50) Toluene-d8	10.34	98	7845407	51.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.63	95	2636025	50.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.74%	

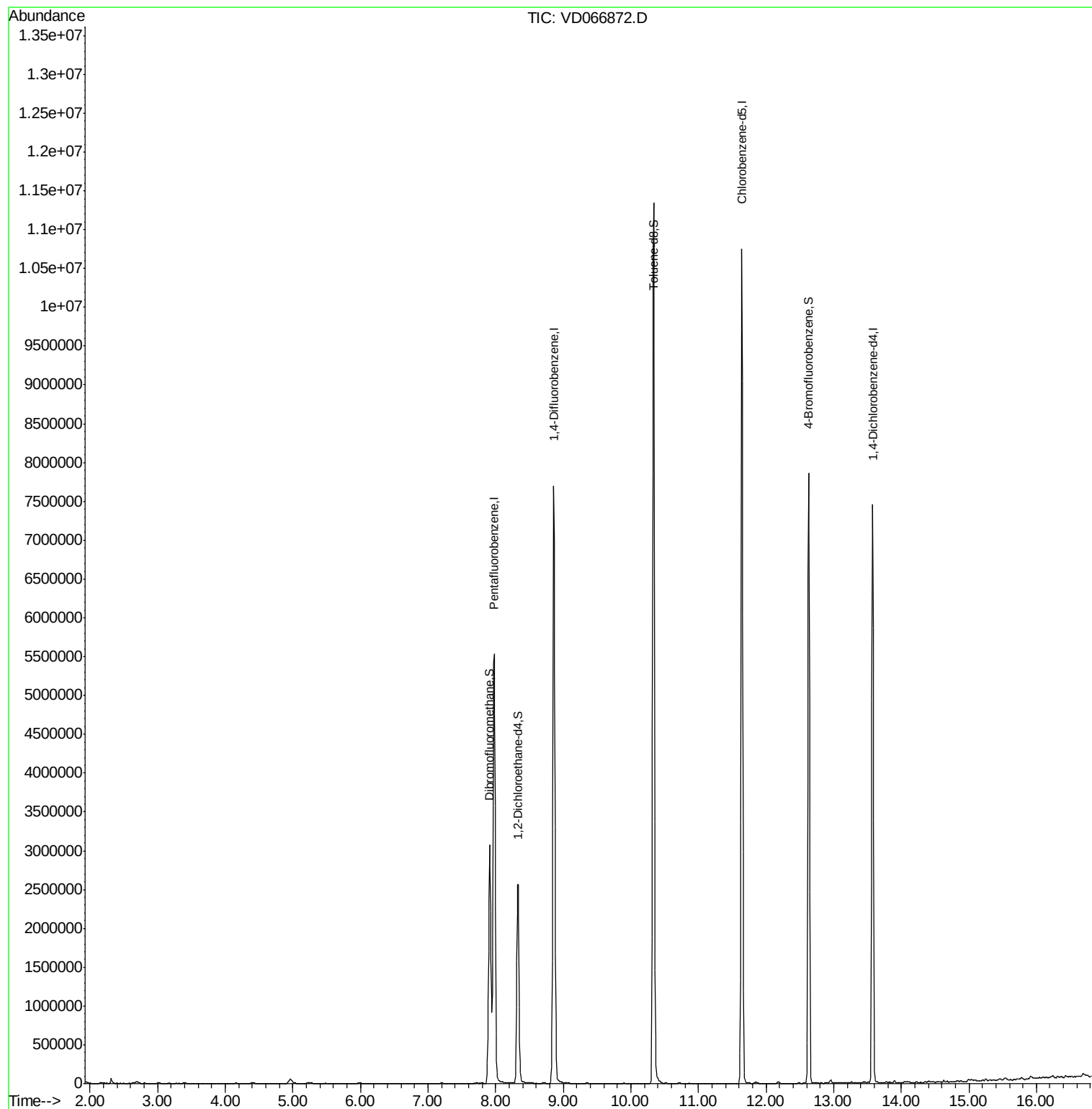
Target Compounds	Qvalue

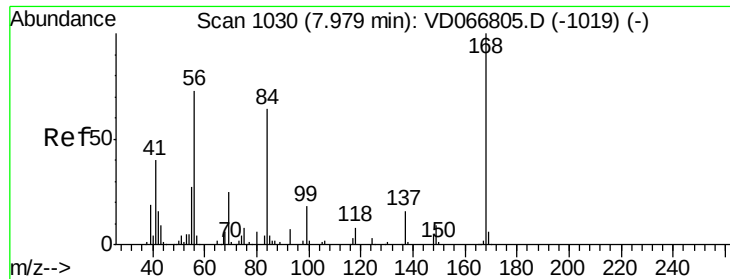
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_D

ClientSampleId :

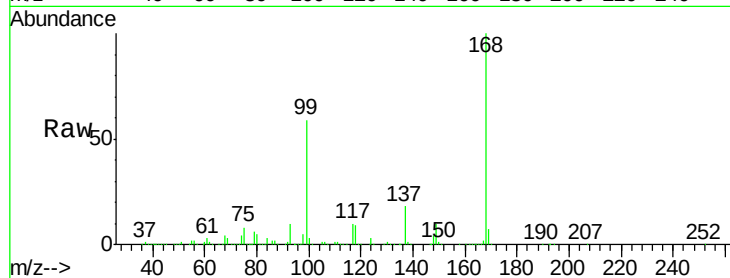
D-84

Tot Ion:168 Resp: 4144227

Ion Ratio Lower Upper

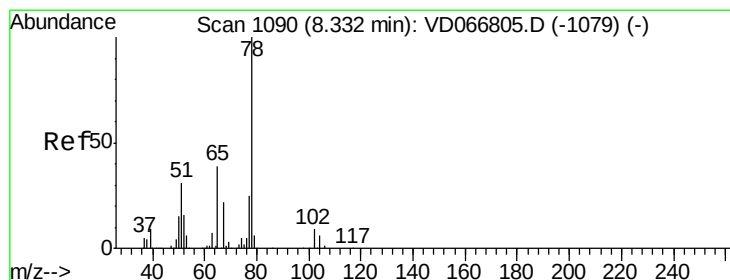
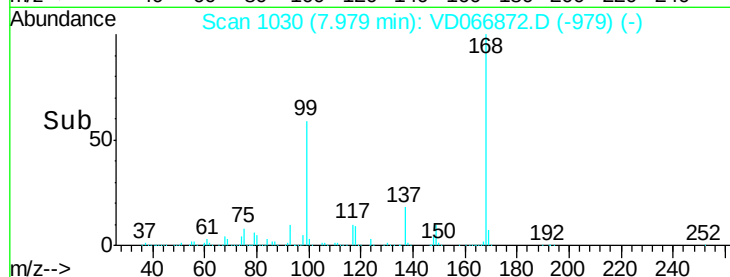
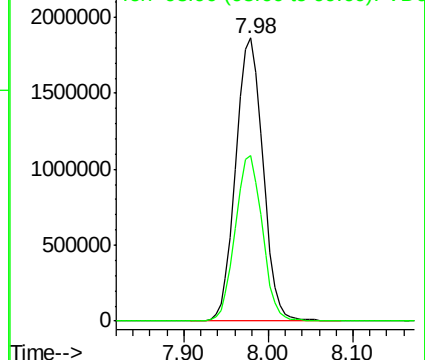
168 100

99 58.6 46.6 69.8



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: 52.401 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066872.D

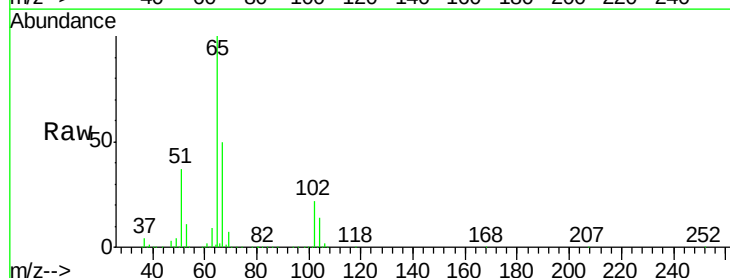
Acq: 25 Sep 2020 14:21

Tgt Ion: 65 Resp: 2125487

Ion Ratio Lower Upper

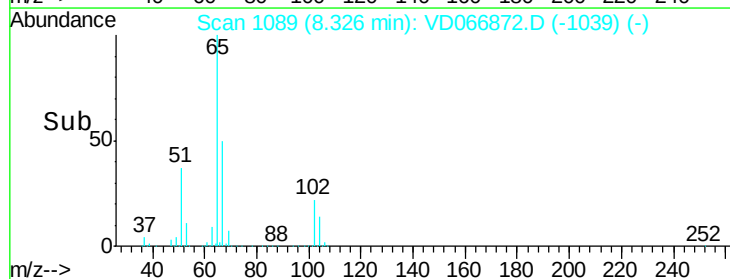
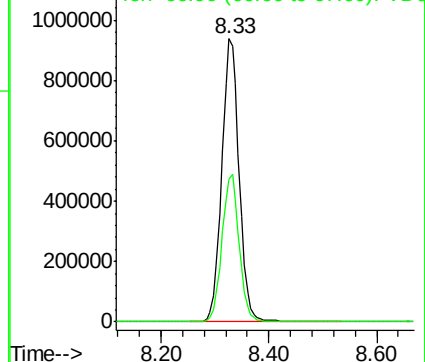
65 100

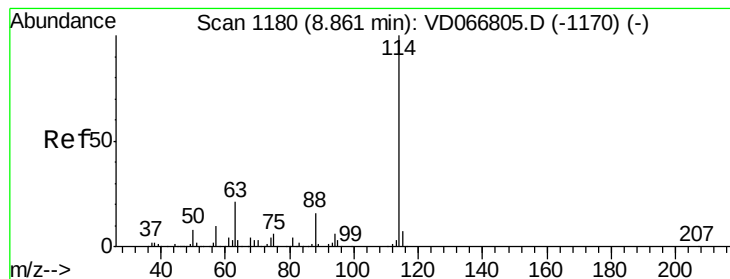
67 51.7 0.0 107.2



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: VD066872.D

Acq: 25 Sep 2020 14:21

Instrument :

MSVOA_D

ClientSampleId :

D-84

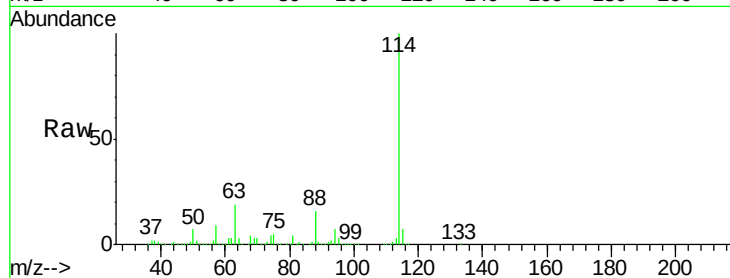
Tot Ion:114 Resp: 6982942

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

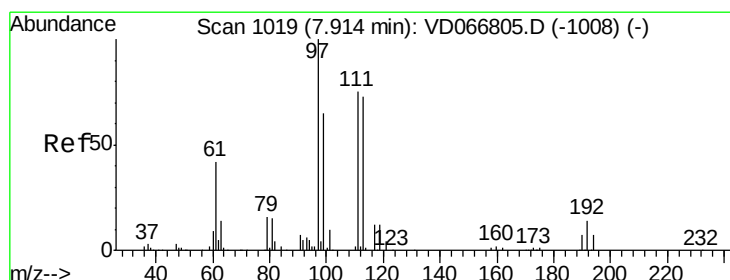
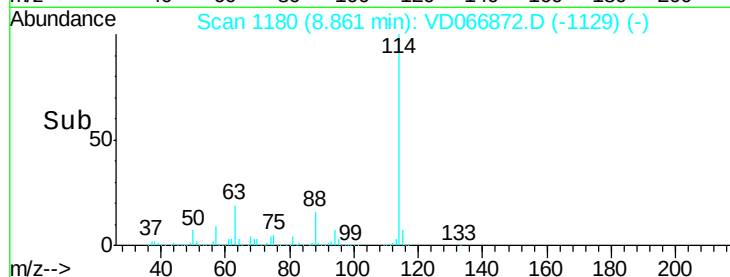
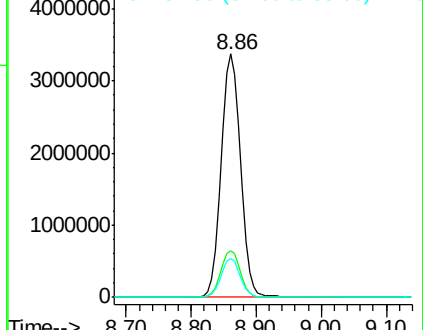
88 15.9 0.0 32.6



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: 49.676 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066872.D

Acq: 25 Sep 2020 14:21

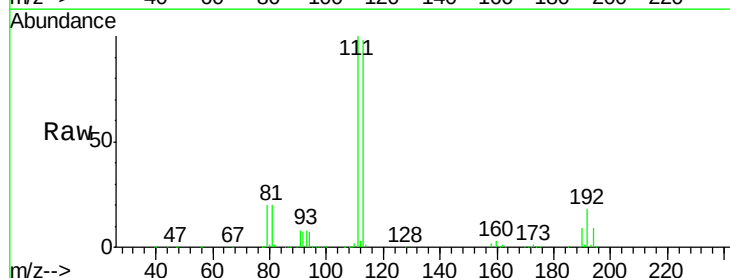
Tgt Ion:113 Resp: 2206888

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

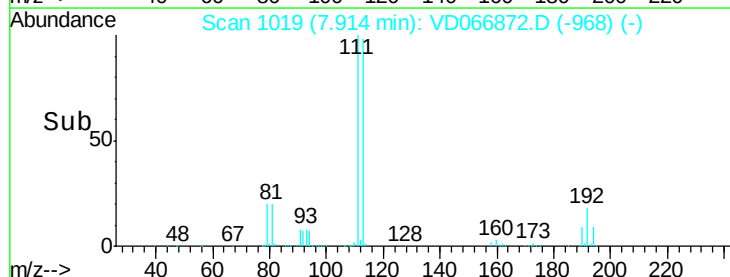
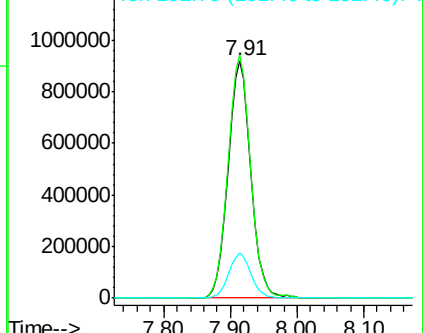
192 18.5 14.4 21.6

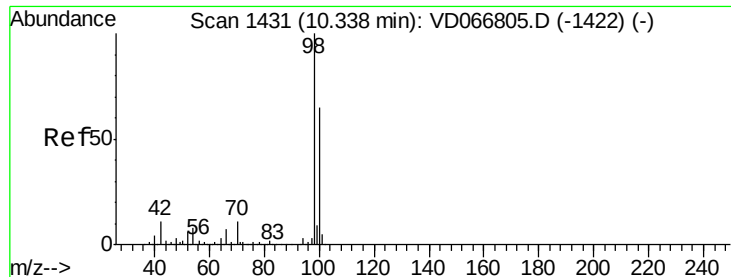


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.831 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066872.D

Acq: 25 Sep 2020 14:21

Instrument :

MSVOA_D

ClientSampleId :

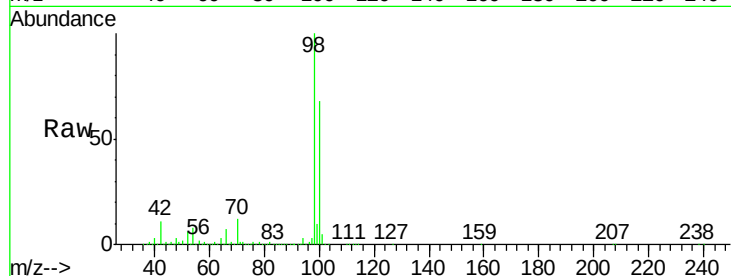
D-84

Tot Ion: 98 Resp: 7845407

Ion Ratio Lower Upper

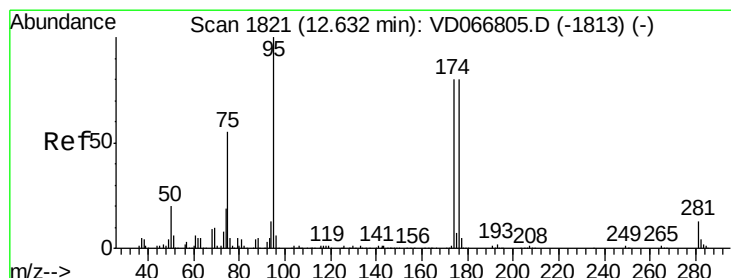
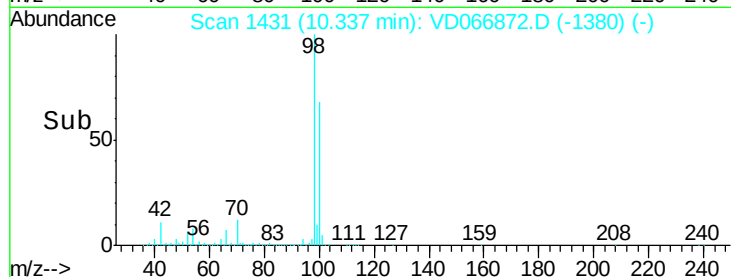
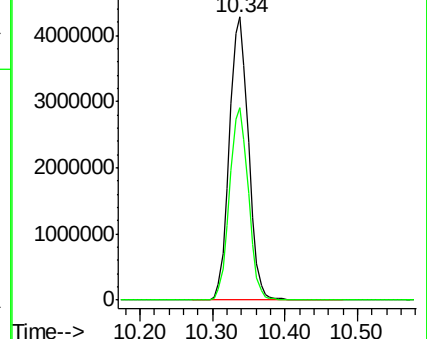
98 100

100 67.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.871 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066872.D

Acq: 25 Sep 2020 14:21

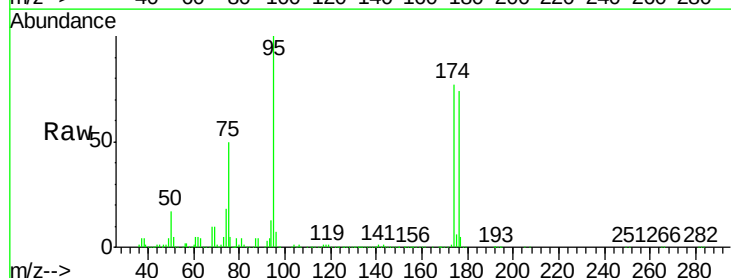
Tgt Ion: 95 Resp: 2636025

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.8

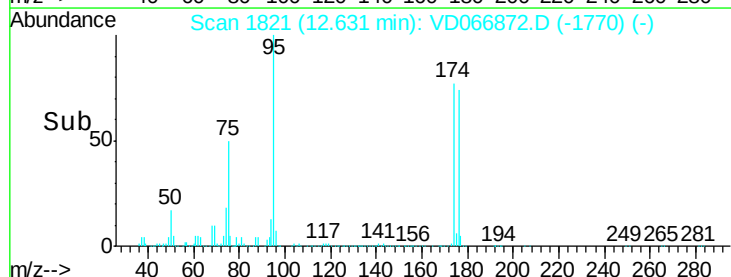
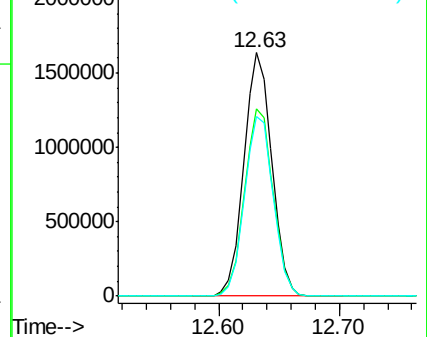
176 76.4 0.0 154.4

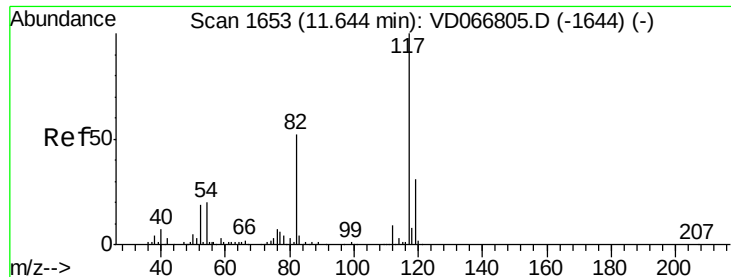


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

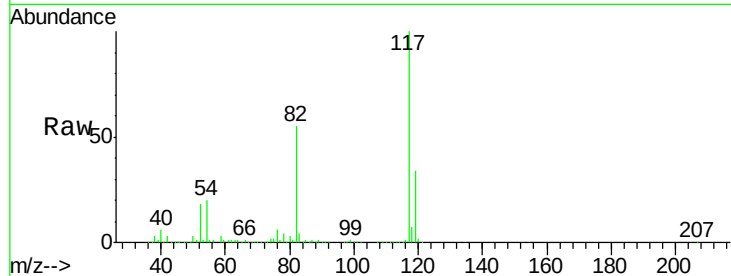




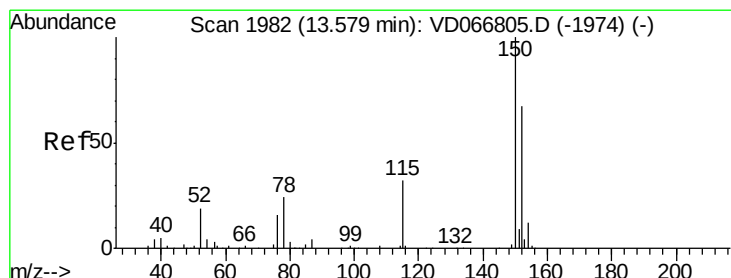
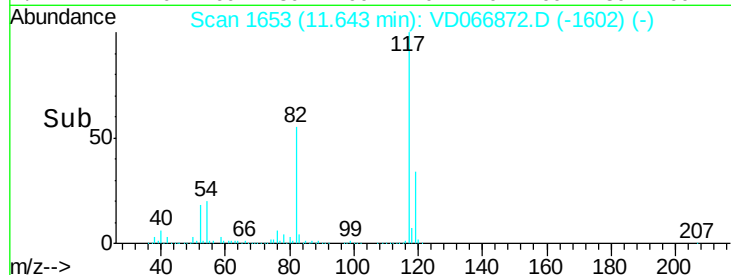
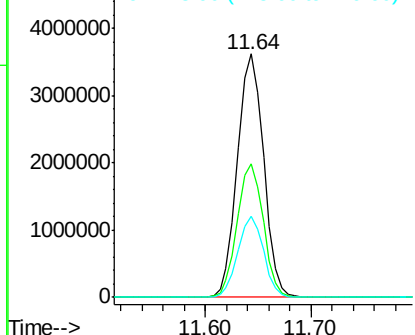
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066872.D
Acq: 25 Sep 2020 14:21

Instrument :
MSVOA_D
ClientSampleID :
D-84

Tot Ion:117 Resp: 6247656
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.6
119 33.6 24.6 37.0

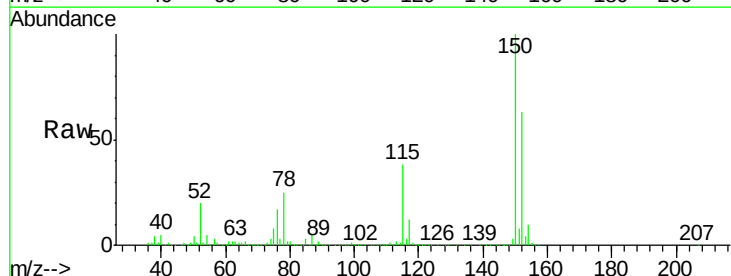


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066872.D
Acq: 25 Sep 2020 14:21

Tgt Ion:152 Resp: 2030331
Ion Ratio Lower Upper
152 100
115 59.8 30.3 91.0
150 156.0 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

