

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066388.D
 Acq On : 24 Aug 2020 18:30
 Operator : VA/SY
 Sample : L3786-01
 Misc : 6.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 688-157

Quant Time: Aug 25 05:01:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

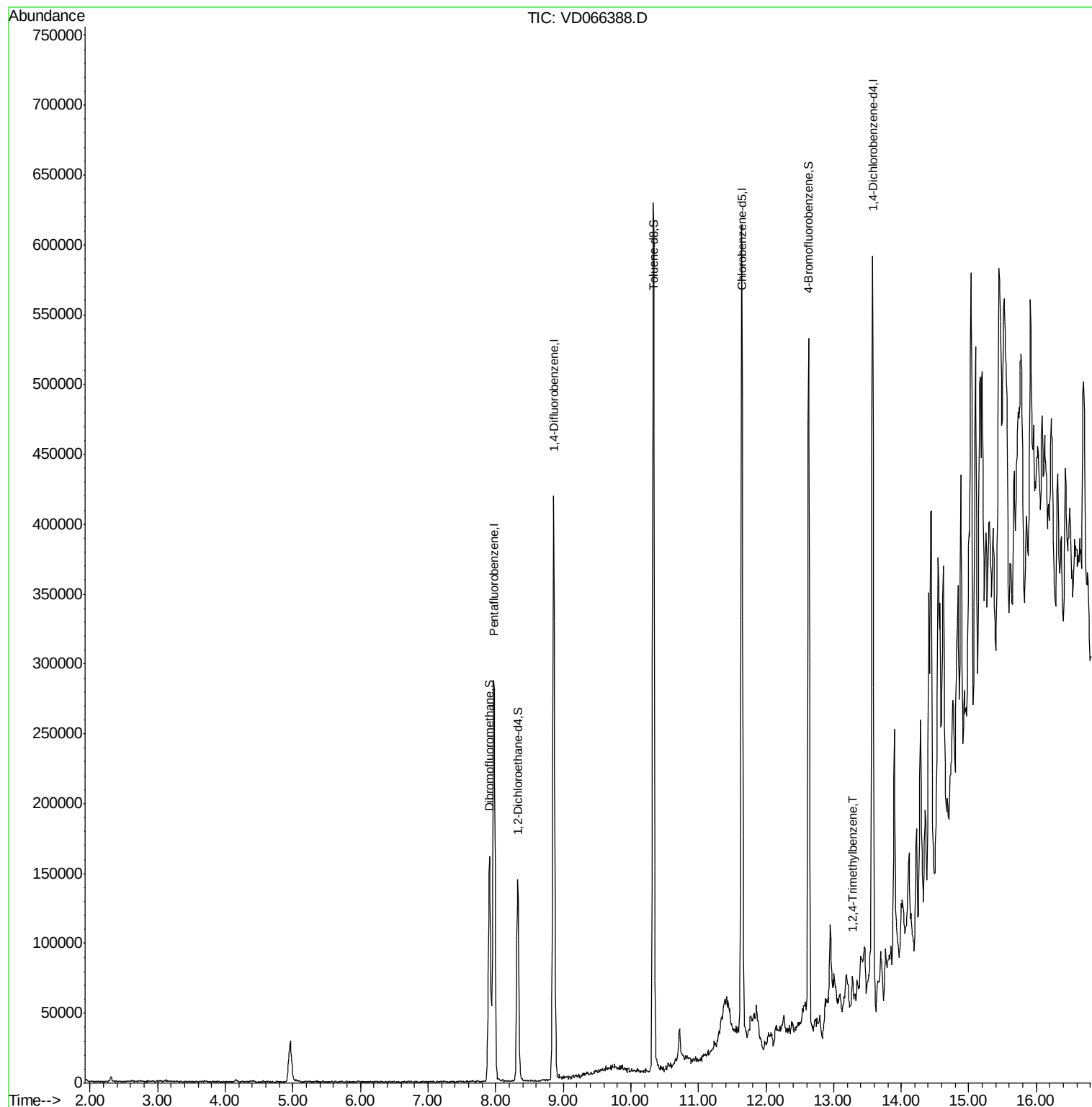
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	225166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	349414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	331852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	147118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119800	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	7.91	113	110927	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	10.33	98	418659	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.63	95	145295	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.27	105	8908	1.066	ug/l	Qvalue 96

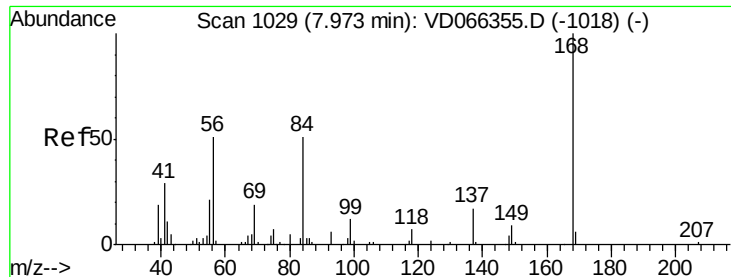
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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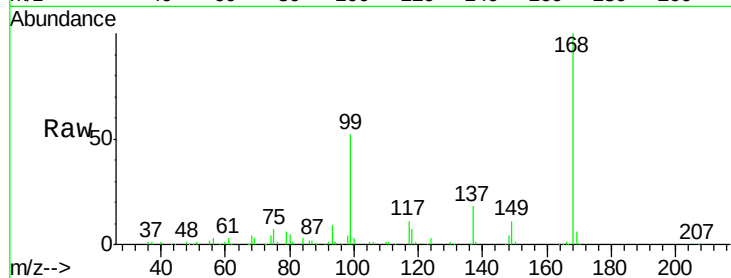
688-157

Tot Ion:168 Resp: 225166

Ion Ratio Lower Upper

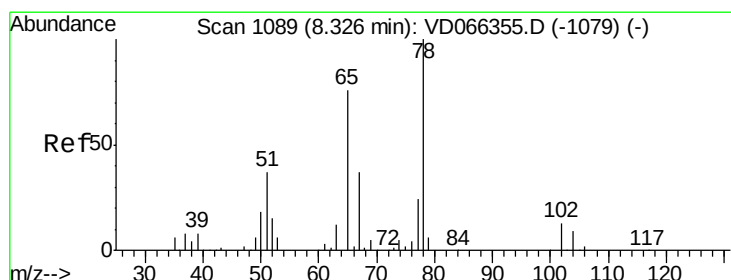
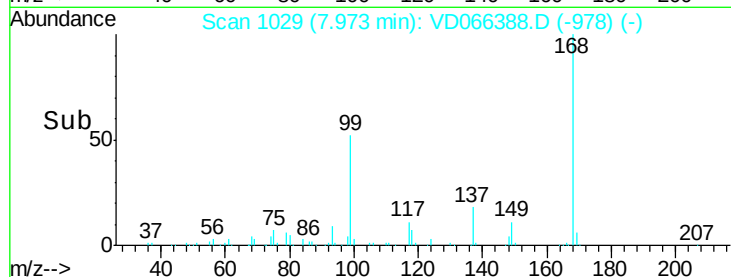
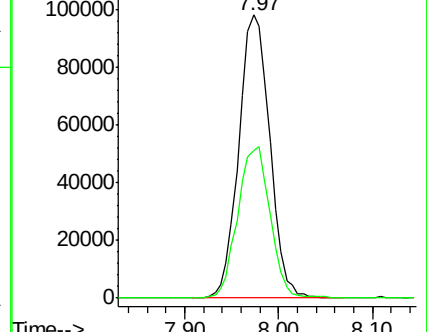
168 100

99 52.2 45.4 68.0



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: 54.269 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066388.D

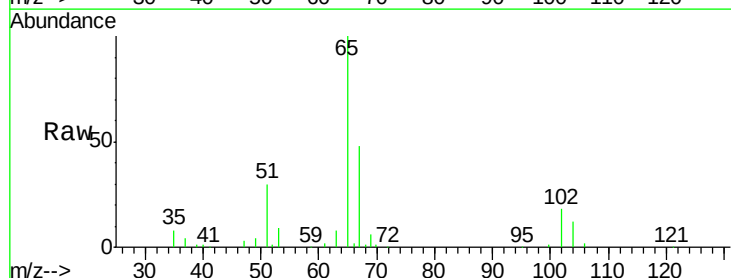
Acq: 24 Aug 2020 18:30

Tgt Ion: 65 Resp: 119800

Ion Ratio Lower Upper

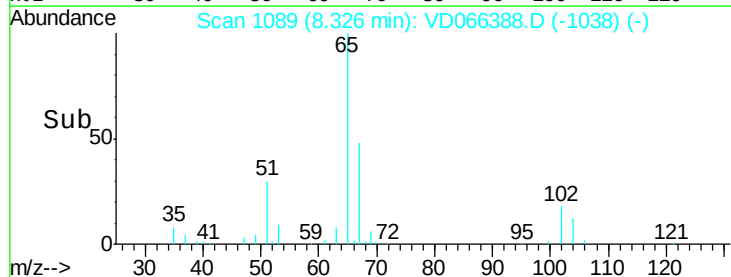
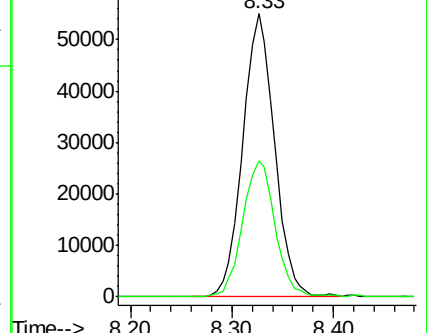
65 100

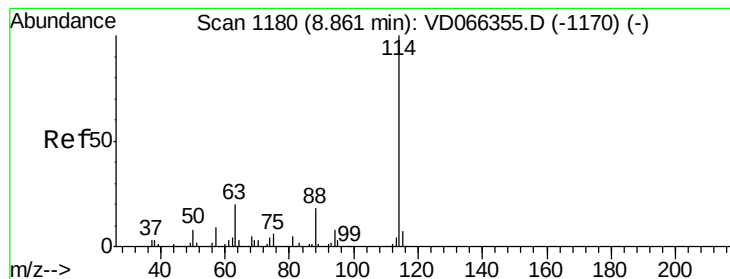
67 49.3 0.0 101.6



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: VD066388.D

Acq: 24 Aug 2020 18:30

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MSVOA_D

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688-157

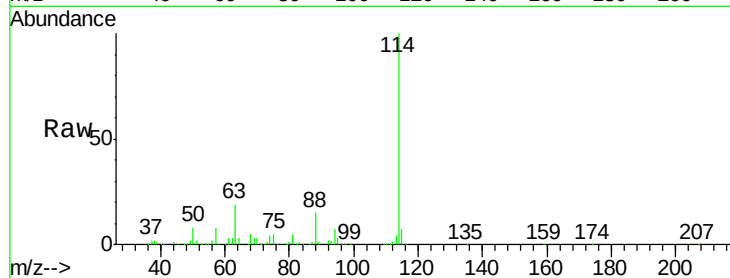
Tot Ion:114 Resp: 349414

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.8

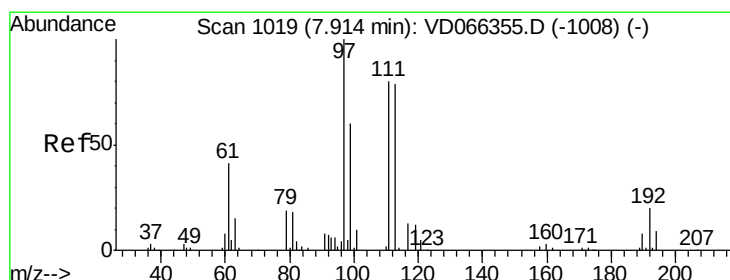
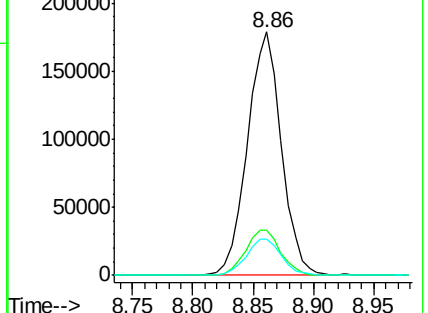
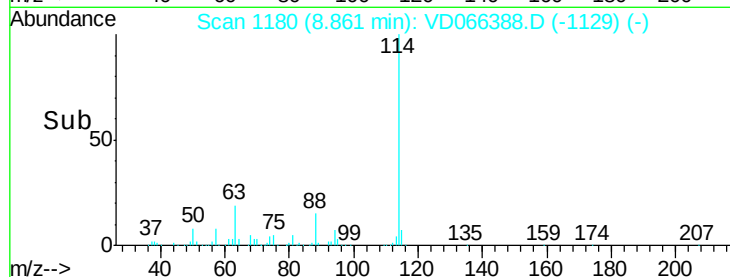
88 14.7 0.0 35.4



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: 50.769 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066388.D

Acq: 24 Aug 2020 18:30

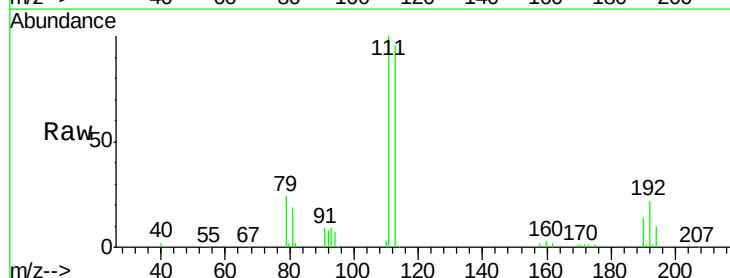
Tgt Ion:113 Resp: 110927

Ion Ratio Lower Upper

113 100

111 102.3 80.3 120.5

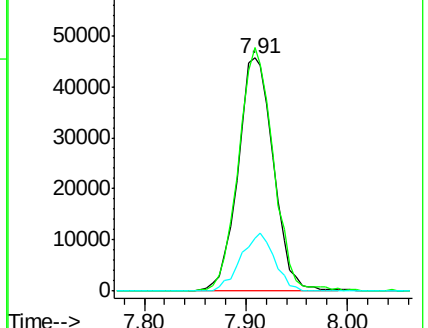
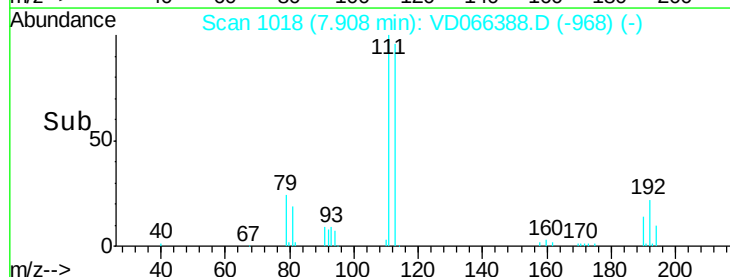
192 23.6 19.0 28.6

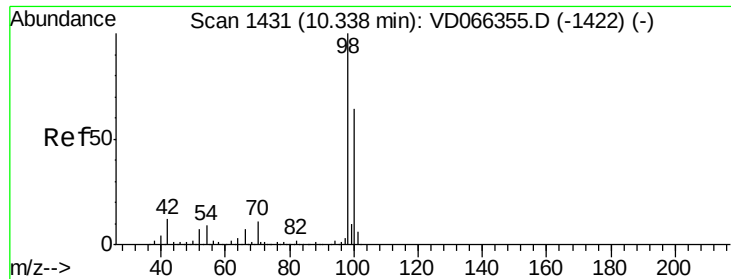


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

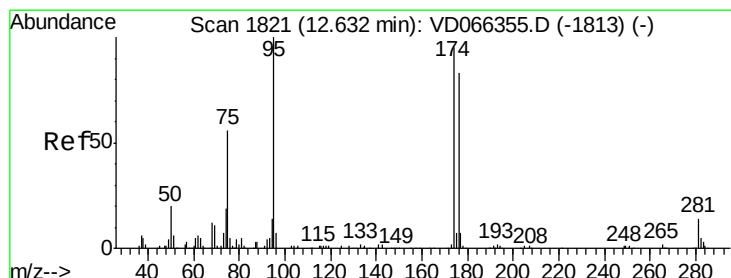
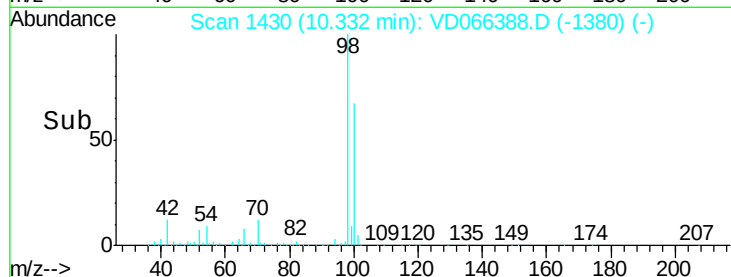
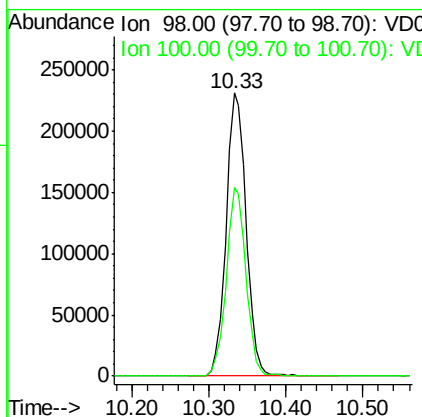
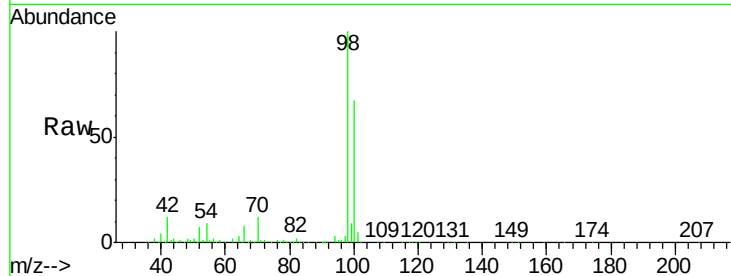




#50
Toluene-d8
Concen: 52.370 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066388.D
Acq: 24 Aug 2020 18:30

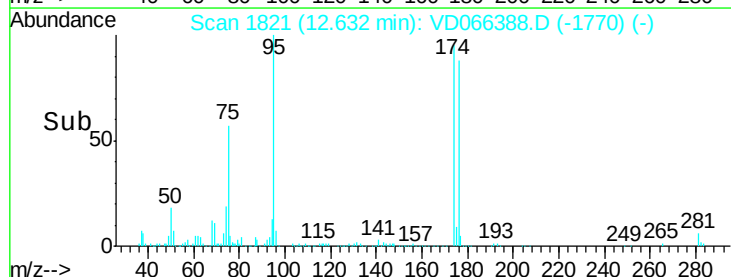
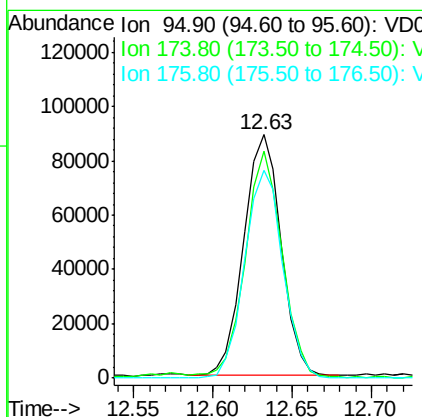
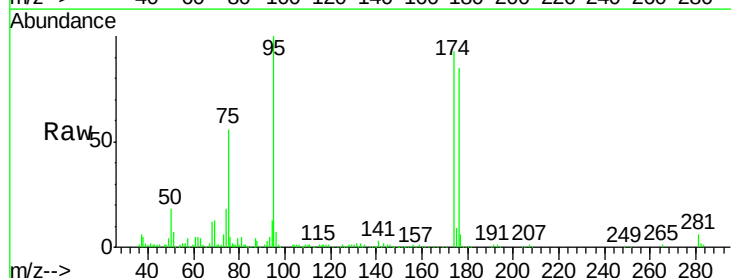
Instrument :
MSVOA_D
ClientSampled :
688-157

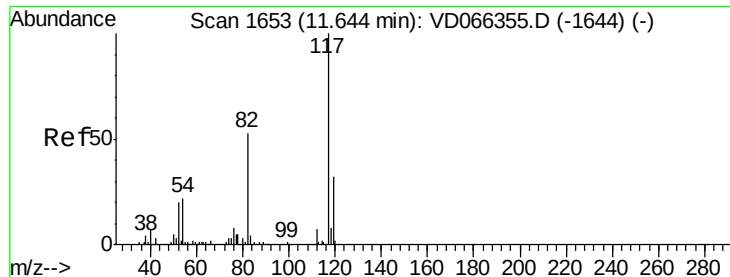
Tot Ion: 98 Resp: 418659
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.219 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066388.D
Acq: 24 Aug 2020 18:30

Tgt Ion: 95 Resp: 145295
Ion Ratio Lower Upper
95 100
174 92.8 0.0 183.4
176 88.2 0.0 173.8

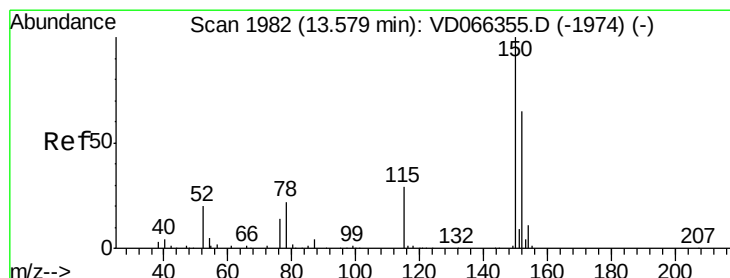
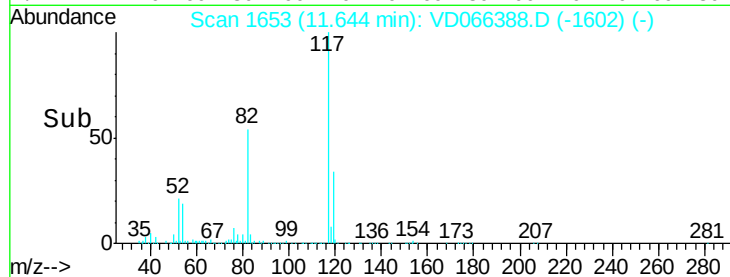
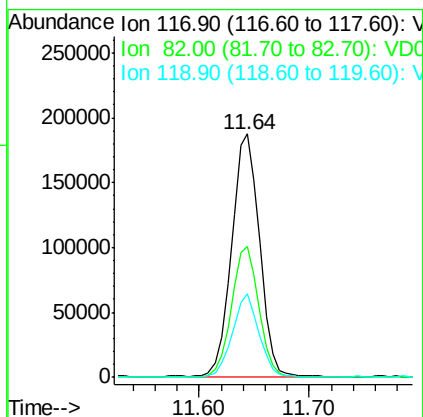
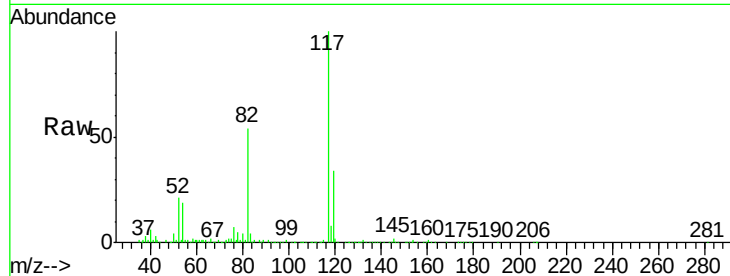




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066388.D
Acq: 24 Aug 2020 18:30

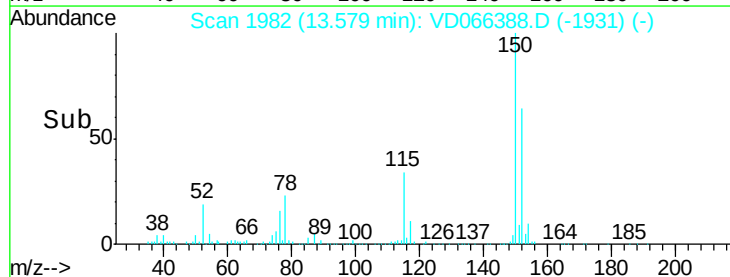
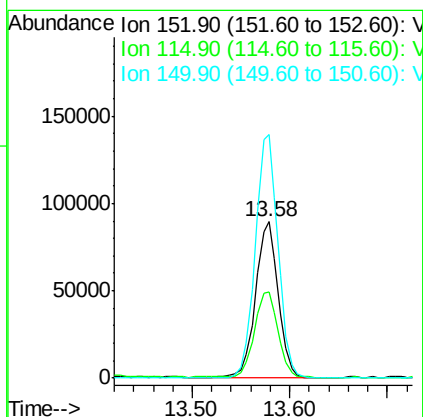
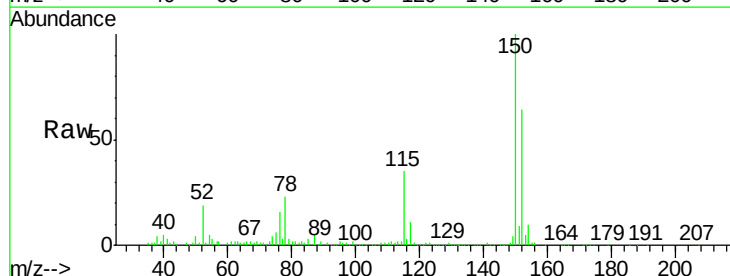
Instrument :
MSVOA_D
ClientSampleId :
688-157

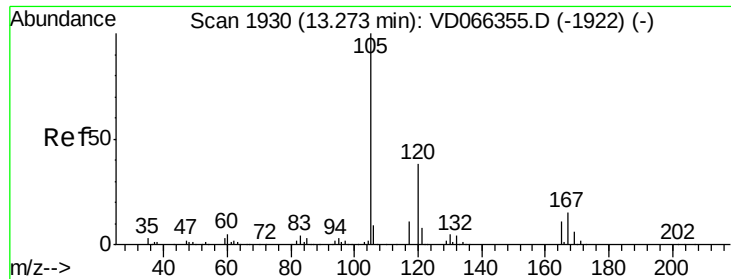
Tot Ion:117 Resp: 331852
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 34.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066388.D
Acq: 24 Aug 2020 18:30

Tgt Ion:152 Resp: 147118
Ion Ratio Lower Upper
152 100
115 57.3 28.3 85.0
150 155.3 0.0 343.2





#84

1,2,4-Trimethylbenzene

Concen: 1.066 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD066388.D

Acq: 24 Aug 2020 18:30

Instrument :

MSVOA_D

ClientSampleId :

688-157

Tot Ion:105 Resp: 8908

Ion Ratio Lower Upper

105 100

120 42.2 22.6 67.7

