

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066406.D
 Acq On : 25 Aug 2020 17:01
 Operator : VA/SY
 Sample : L3784-16
 Misc : 4.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-04

Quant Time: Aug 26 08:40:11 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	161766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	233659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	219165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	111618	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	88813	56.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.00%	
35) Dibromofluoromethane	7.90	113	77821	53.26	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	106.52%	
50) Toluene-d8	10.34	98	278230	52.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.63	95	92488	48.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.52%	

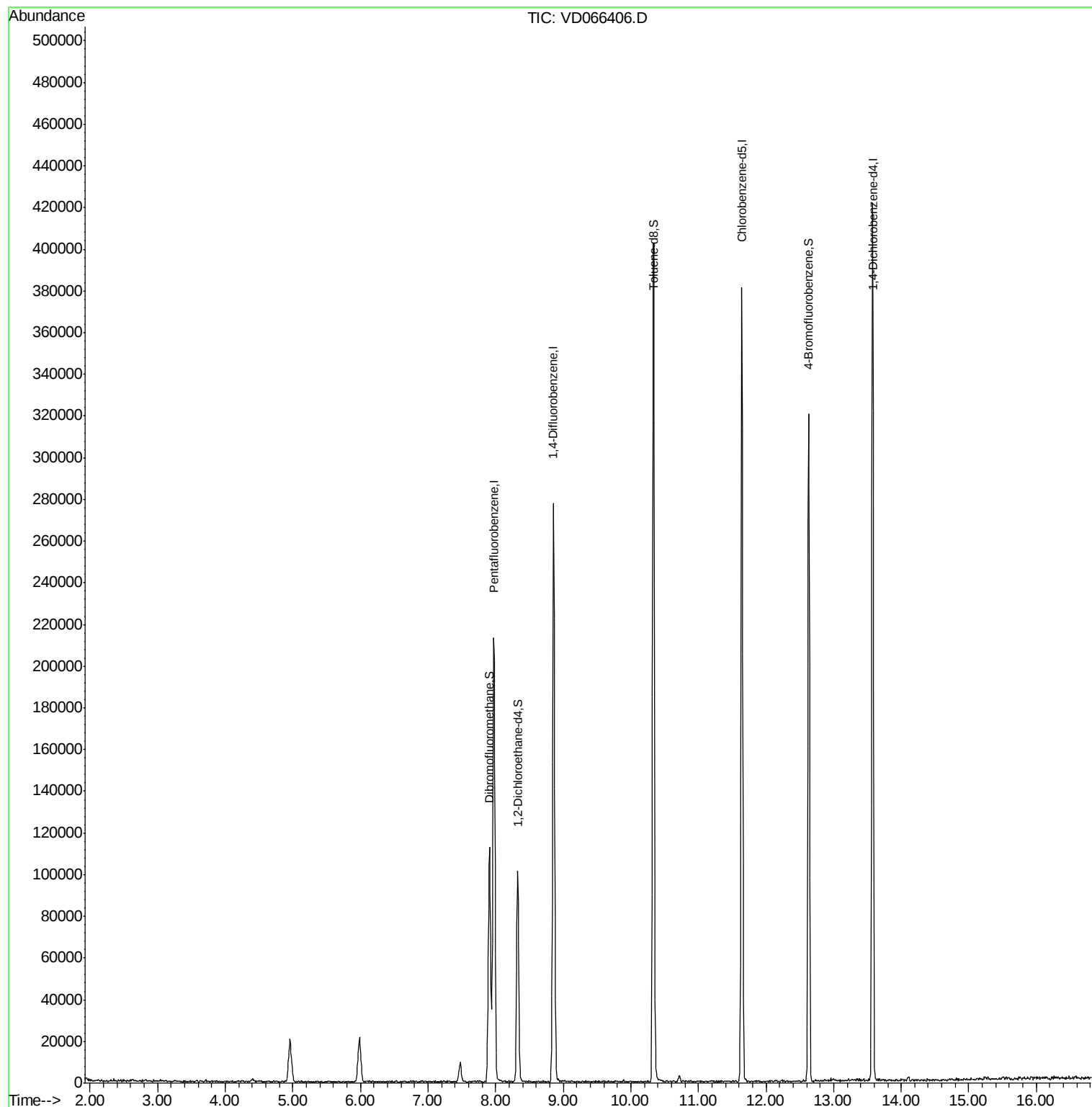
Target Compounds	Qvalue

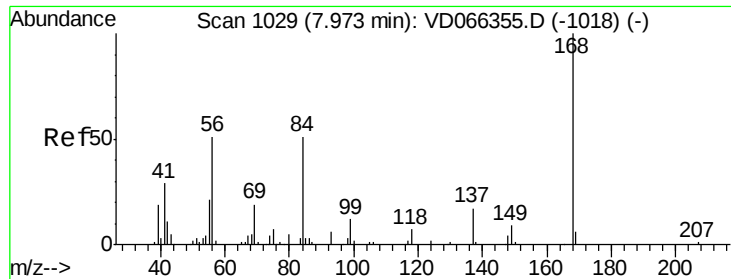
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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Acq: 25 Aug 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

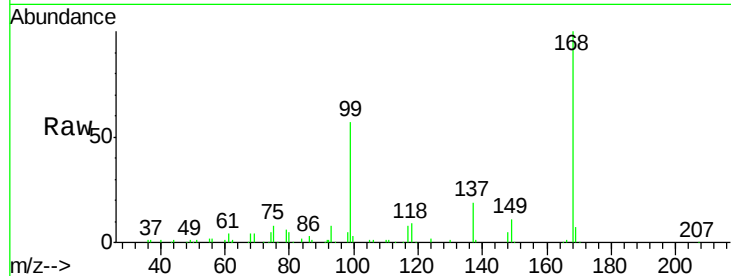
RO-04

Tot Ion:168 Resp: 161766

Ion Ratio Lower Upper

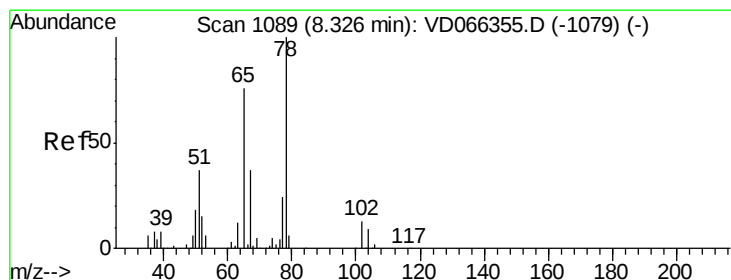
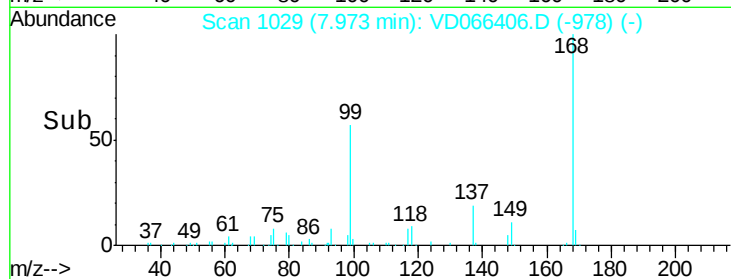
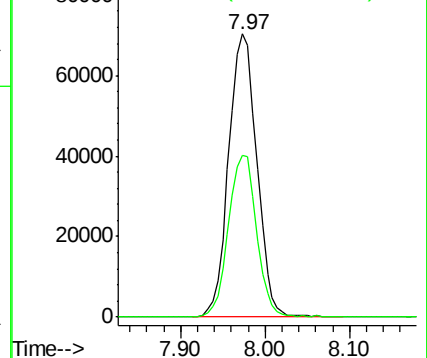
168 100

99 57.4 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: 56.000 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066406.D

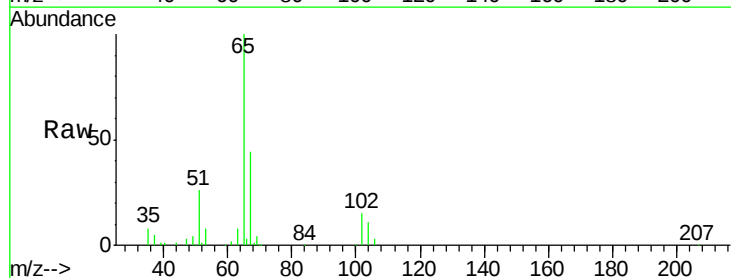
Acq: 25 Aug 2020 17:01

Tgt Ion: 65 Resp: 88813

Ion Ratio Lower Upper

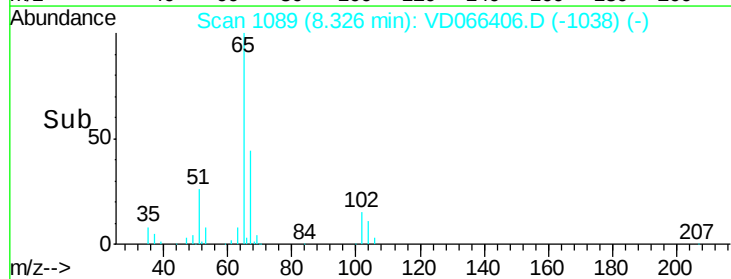
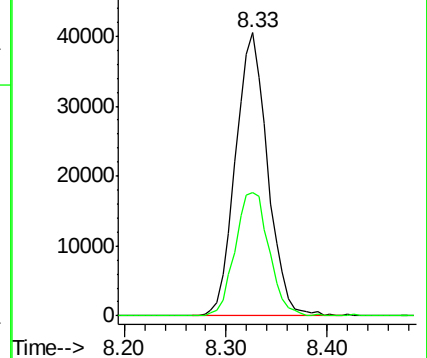
65 100

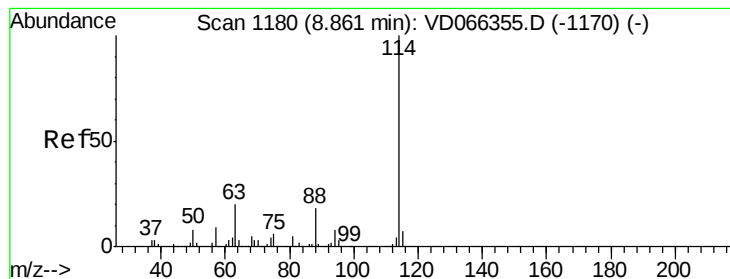
67 46.0 0.0 101.6



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# 1179

Delta R.T. -0.01 min

Lab File: VD066406.D

Acq: 25 Aug 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

RO-04

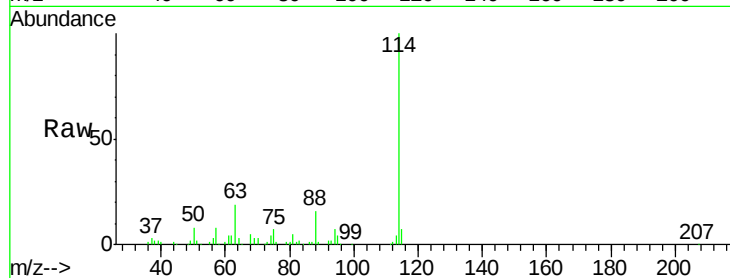
Tot Ion:114 Resp: 233659

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

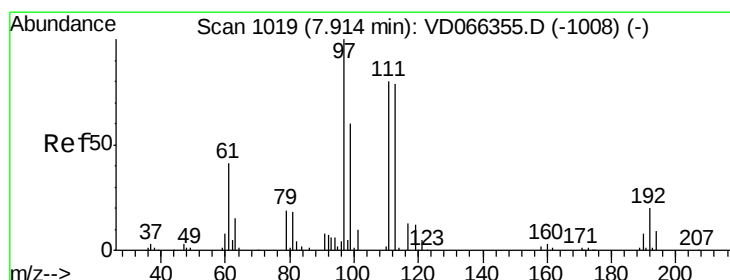
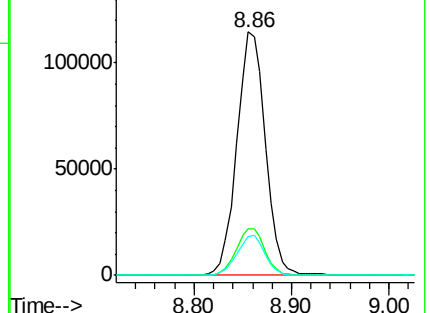
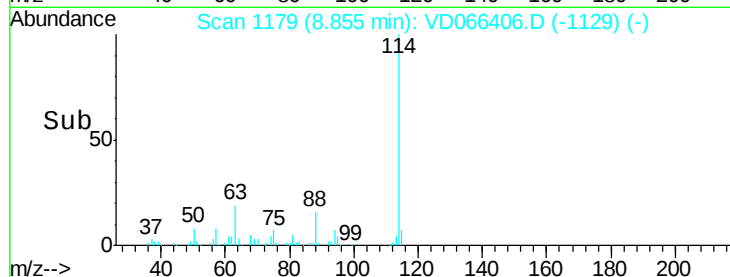
88 15.7 0.0 35.4



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: 53.262 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD066406.D

Acq: 25 Aug 2020 17:01

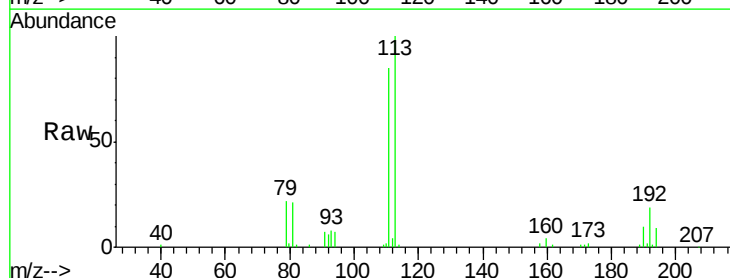
Tgt Ion:113 Resp: 77821

Ion Ratio Lower Upper

113 100

111 100.9 80.3 120.5

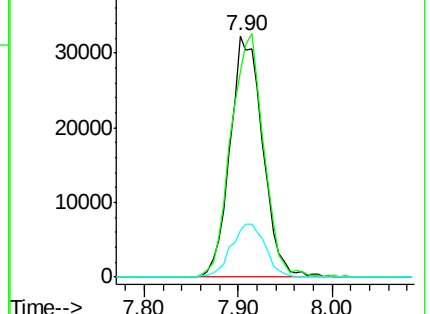
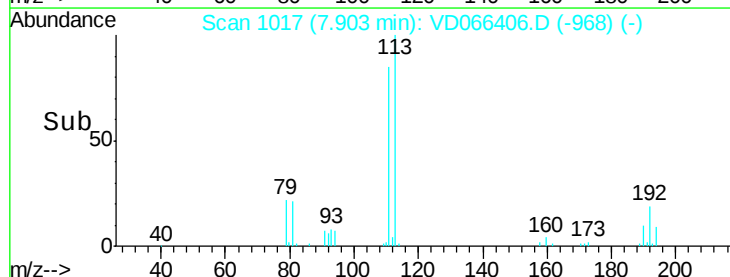
192 22.8 19.0 28.6

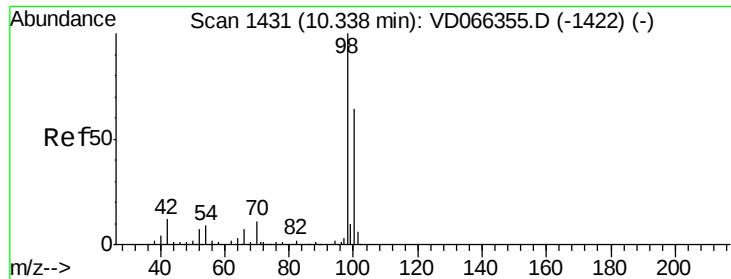


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.045 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066406.D

Acq: 25 Aug 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

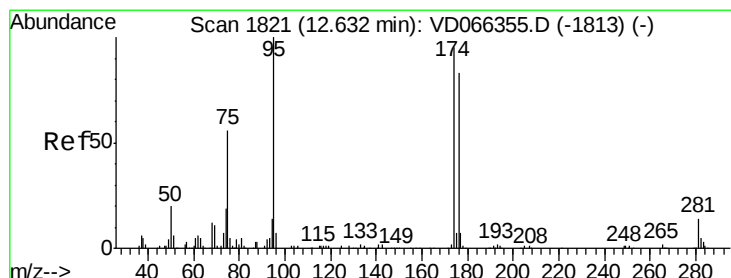
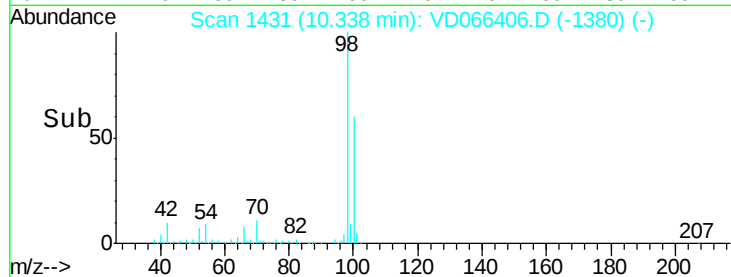
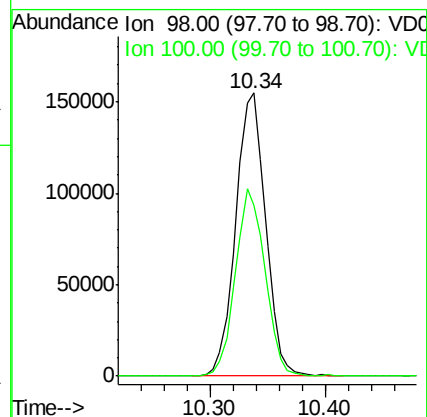
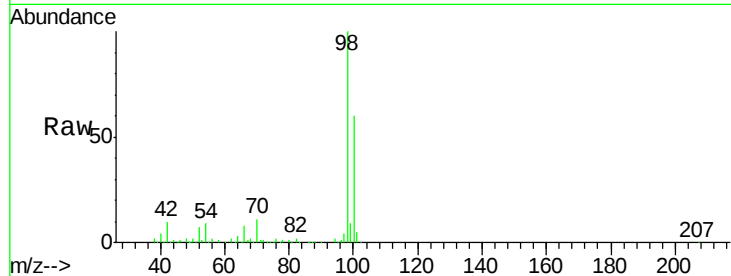
RO-04

Tot Ion: 98 Resp: 278230

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 48.756 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066406.D

Acq: 25 Aug 2020 17:01

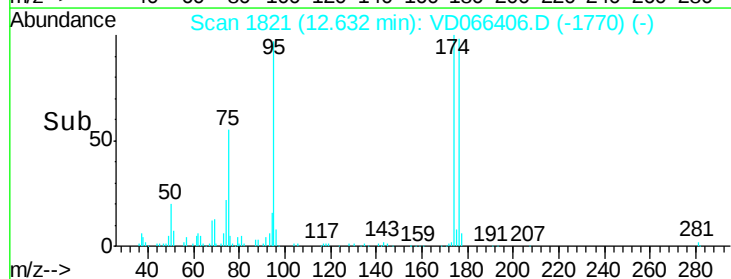
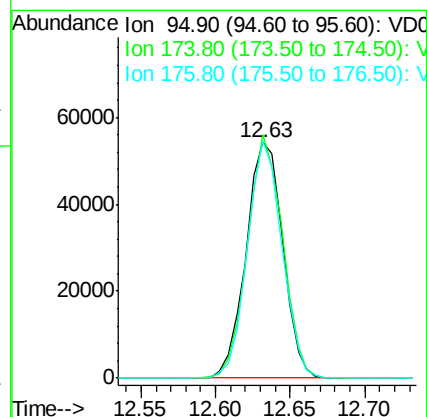
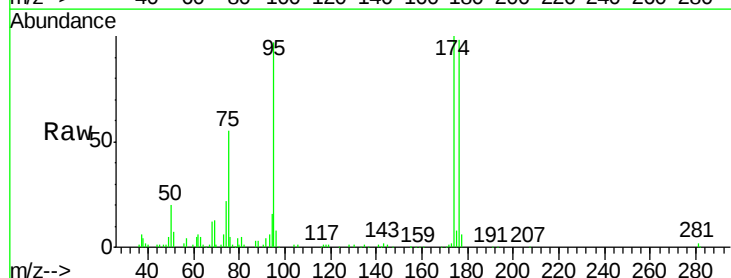
Tgt Ion: 95 Resp: 92488

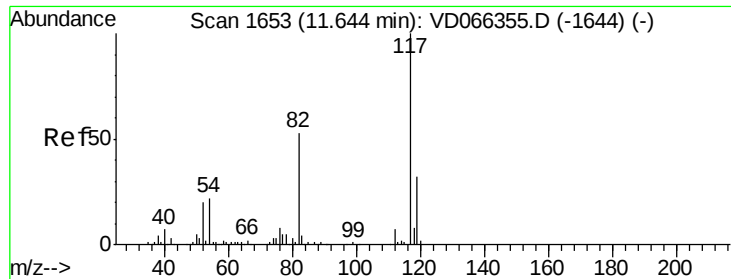
Ion Ratio Lower Upper

95 100

174 98.1 0.0 183.4

176 94.5 0.0 173.8

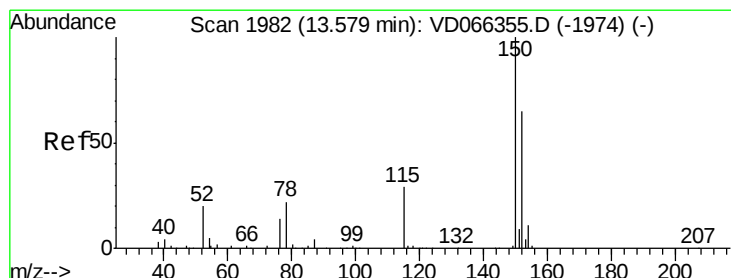
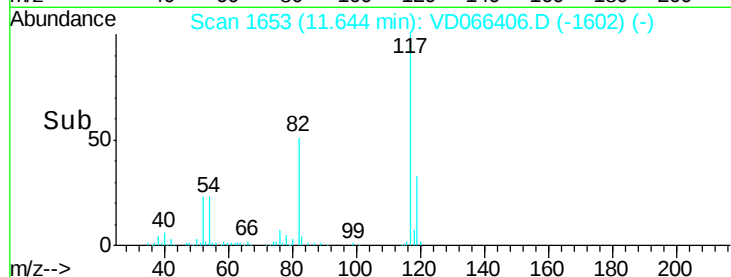
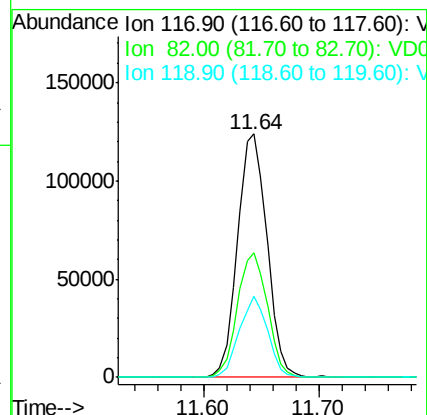
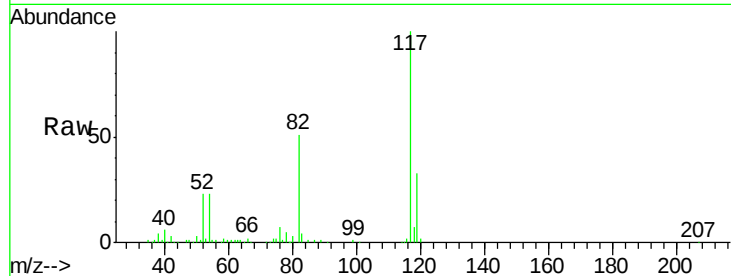




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066406.D
Acq: 25 Aug 2020 17:01

Instrument :
MSVOA_D
ClientSampleId :
RO-04

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.8	64.2
119	33.4	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: VD066406.D
Acq: 25 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.3	85.0
150	156.8	0.0	343.2

