

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066436.D
 Acq On : 27 Aug 2020 14:56
 Operator : VA/SY
 Sample : L3806-06
 Misc : 9.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14A-D2

Quant Time: Aug 28 02:06:50 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	196218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	279060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	252516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	132393	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	102969	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.91	113	84096	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	10.34	98	320012	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.63	95	109865	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

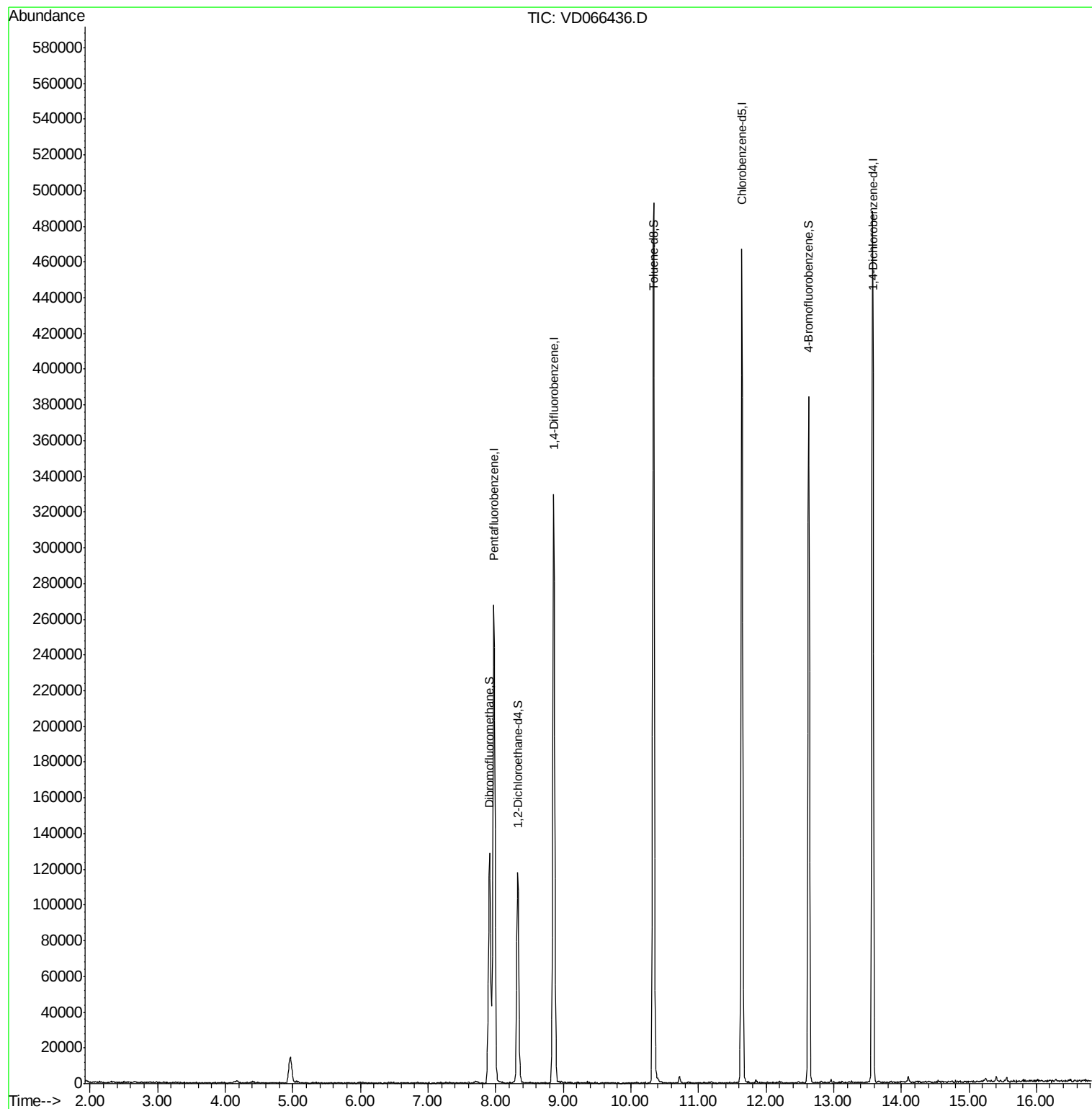
Target Compounds	Qvalue

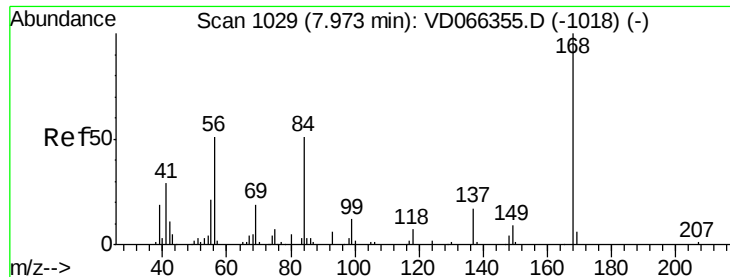
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 27 Aug 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

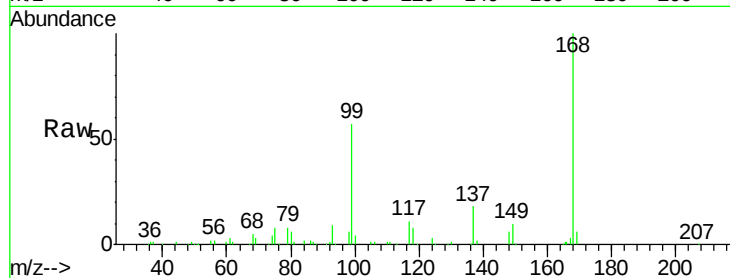
TP-14A-D2

Tot Ion:168 Resp: 196218

Ion Ratio Lower Upper

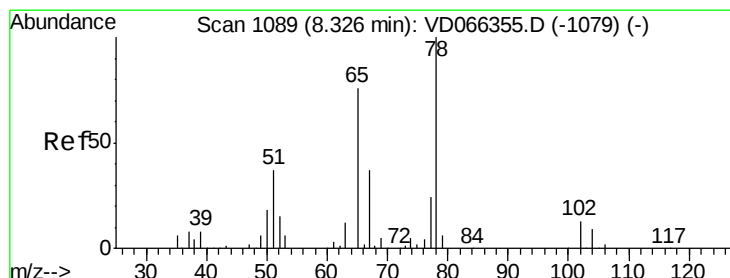
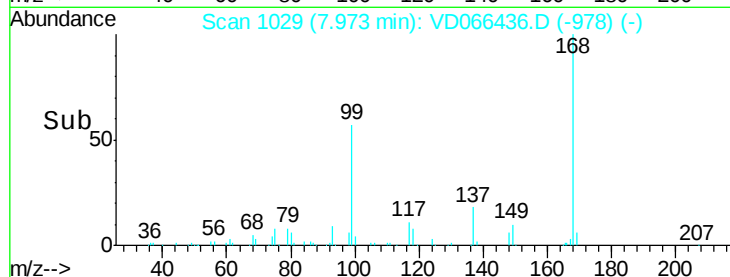
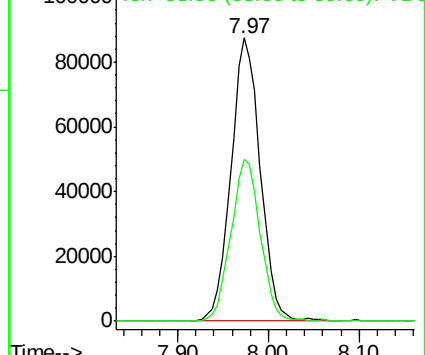
168 100

99 57.2 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: 53.526 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066436.D

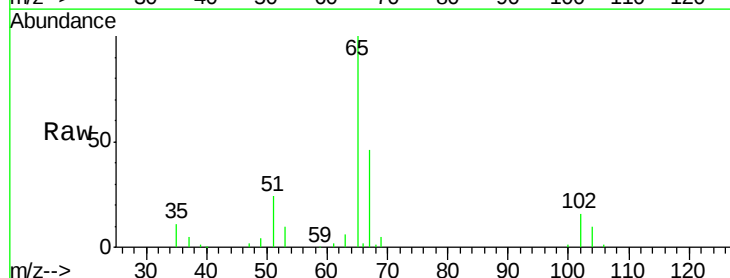
Acq: 27 Aug 2020 14:56

Tgt Ion: 65 Resp: 102969

Ion Ratio Lower Upper

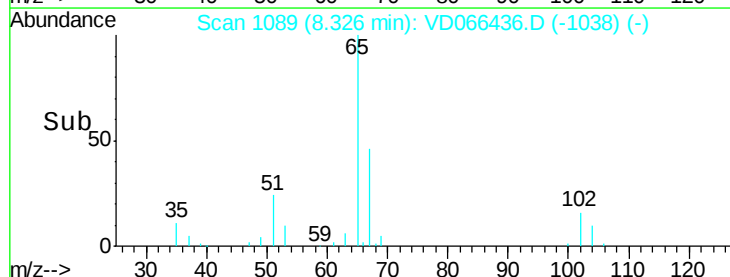
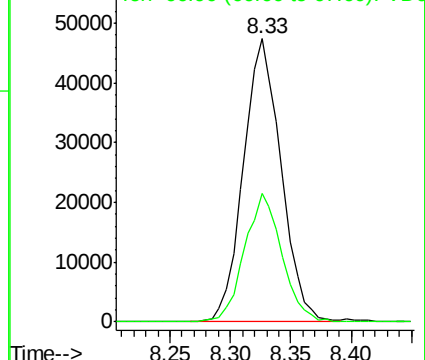
65 100

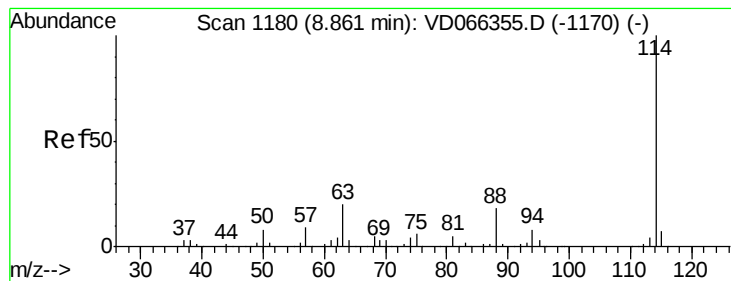
67 44.8 0.0 101.6



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: VD066436.D

Acq: 27 Aug 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

TP-14A-D2

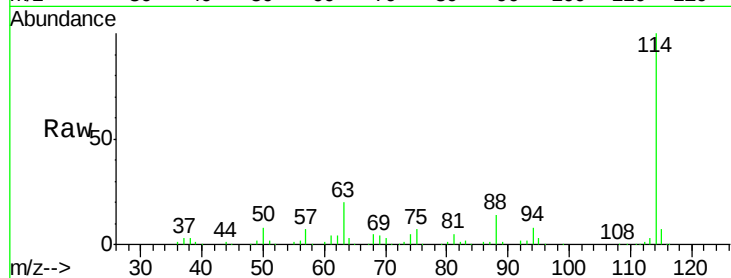
Tot Ion:114 Resp: 279060

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

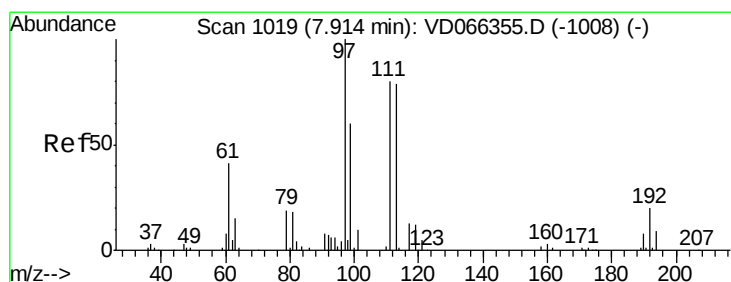
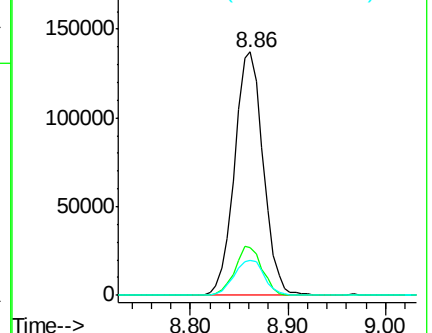
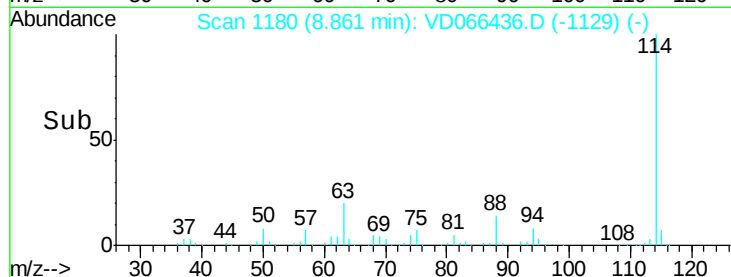
88 14.2 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 48.193 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066436.D

Acq: 27 Aug 2020 14:56

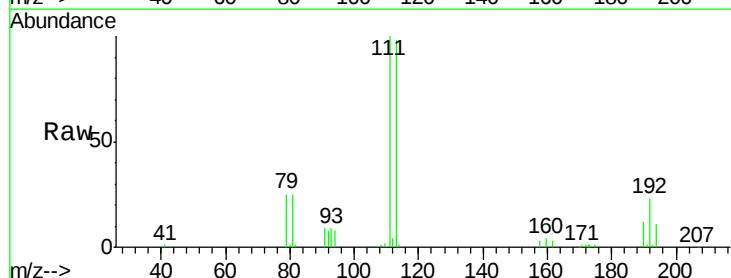
Tgt Ion:113 Resp: 84096

Ion Ratio Lower Upper

113 100

111 102.6 80.3 120.5

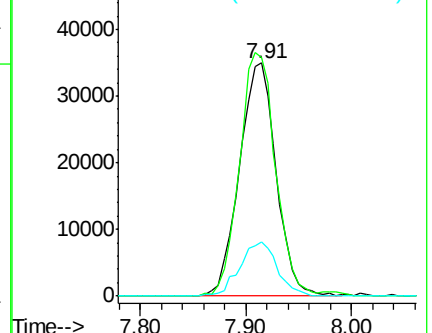
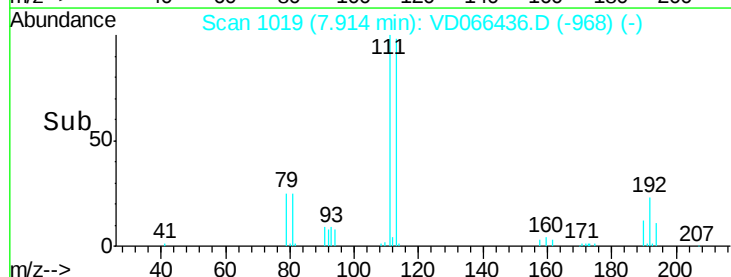
192 23.7 19.0 28.6

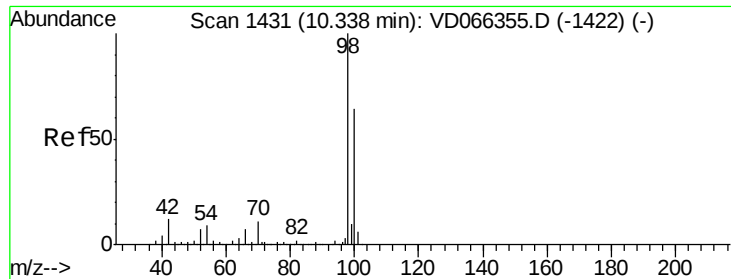


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.122 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066436.D

Acq: 27 Aug 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

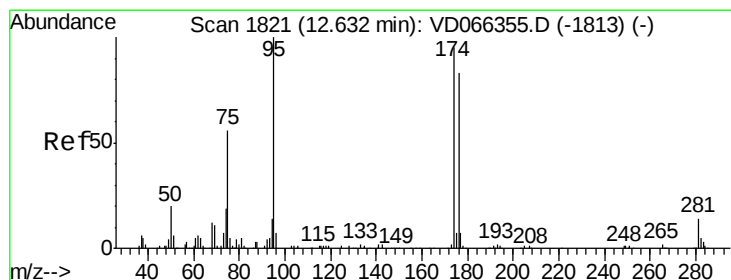
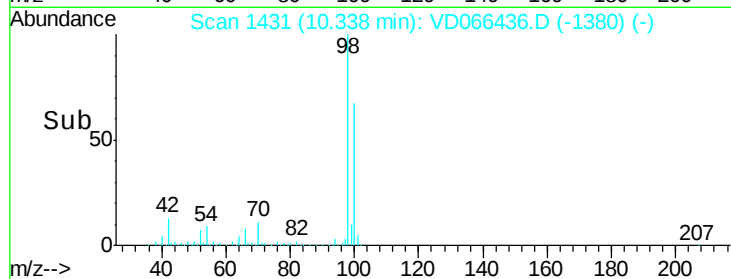
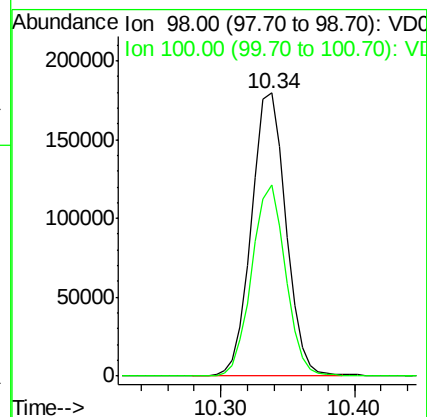
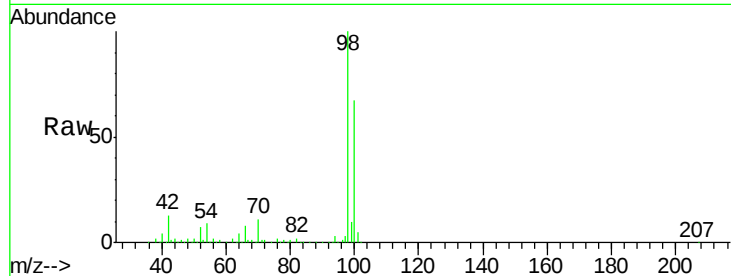
TP-14A-D2

Tot Ion: 98 Resp: 320012

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 48.494 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066436.D

Acq: 27 Aug 2020 14:56

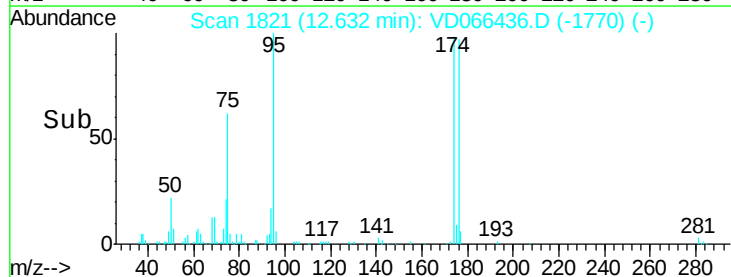
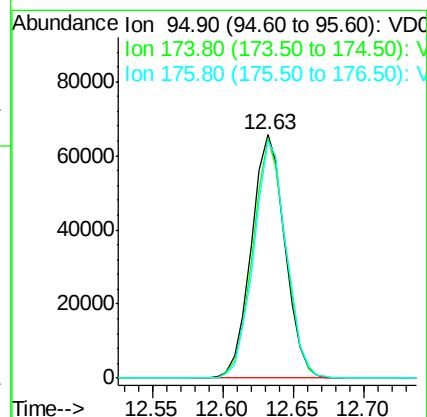
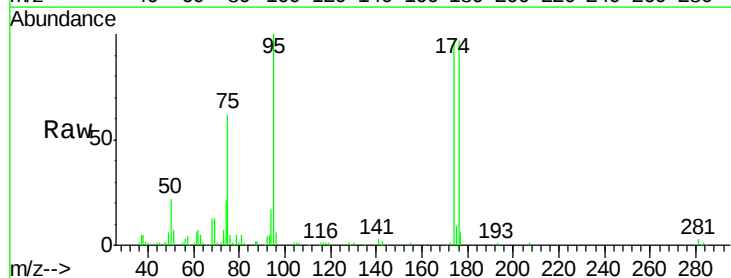
Tgt Ion: 95 Resp: 109865

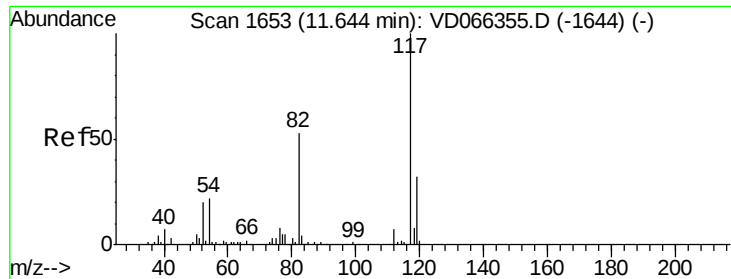
Ion Ratio Lower Upper

95 100

174 96.4 0.0 183.4

176 94.7 0.0 173.8

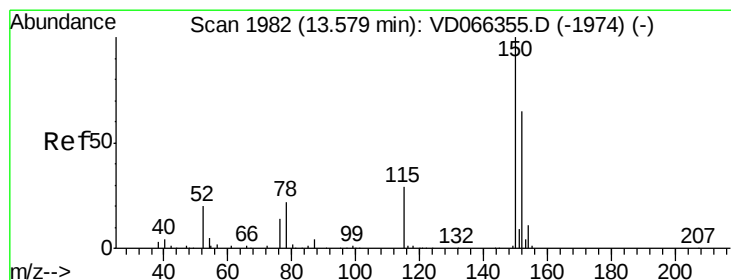
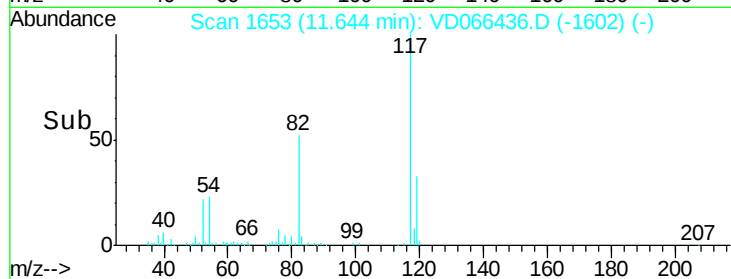
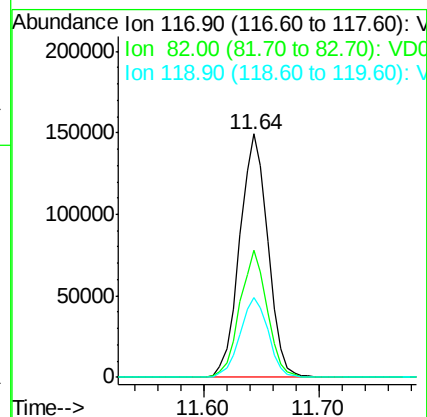
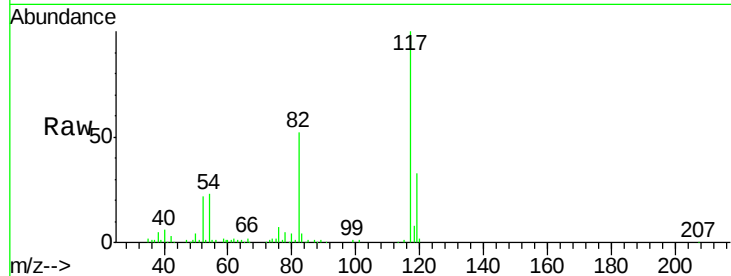




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066436.D
Acq: 27 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
TP-14A-D2

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.8	64.2
119	32.6	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: VD066436.D
Acq: 27 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.3	85.0
150	155.9	0.0	343.2

