

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066422.D
 Acq On : 26 Aug 2020 16:00
 Operator : VA/SY
 Sample : L3793-19
 Misc : 8.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Aug 27 08:28:16 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	203144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	295284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	268912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138129	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	109408	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
35) Dibromofluoromethane	7.91	113	90925	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	10.34	98	339819	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.63	95	115880	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

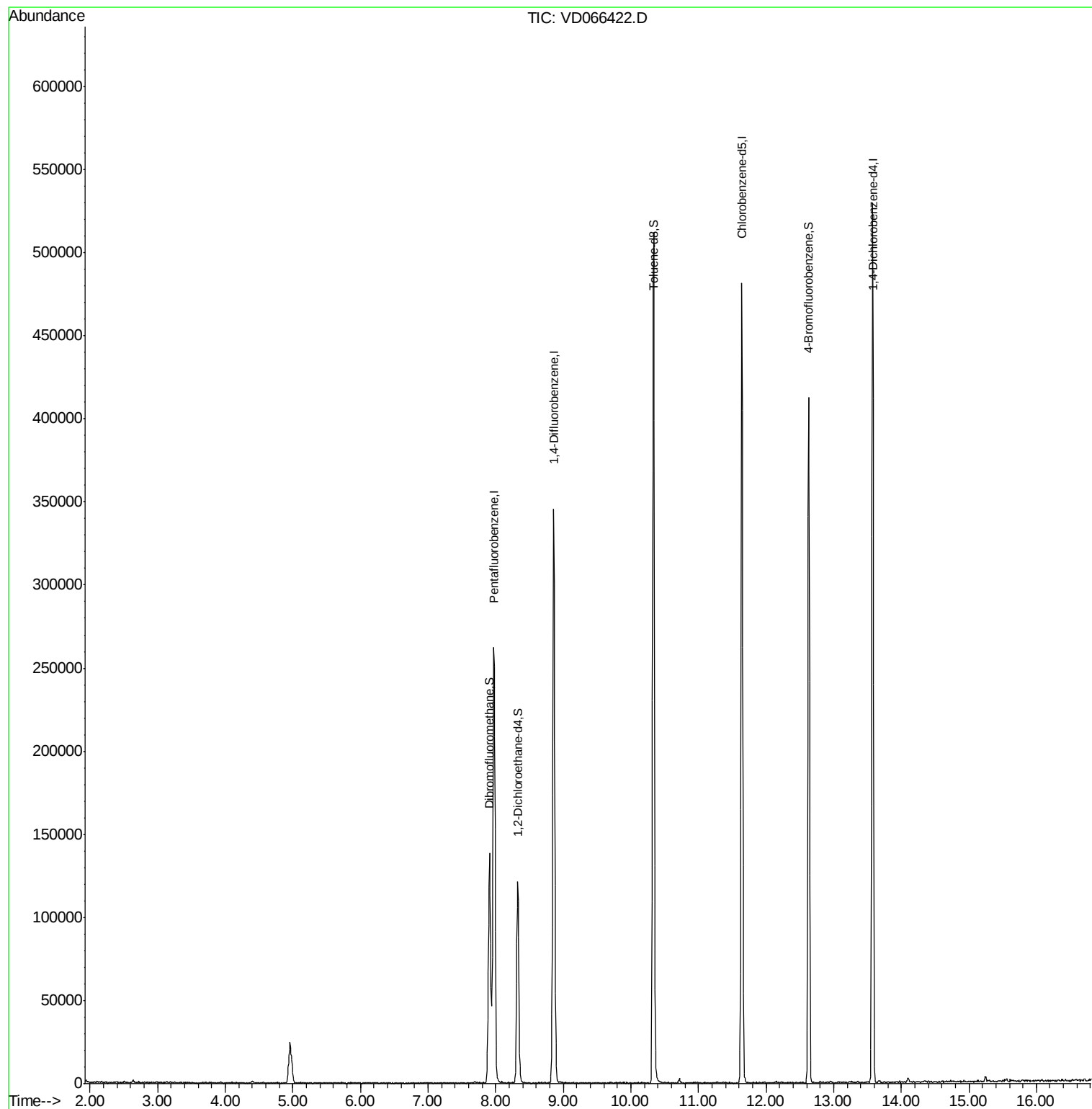
Target Compounds	Qvalue

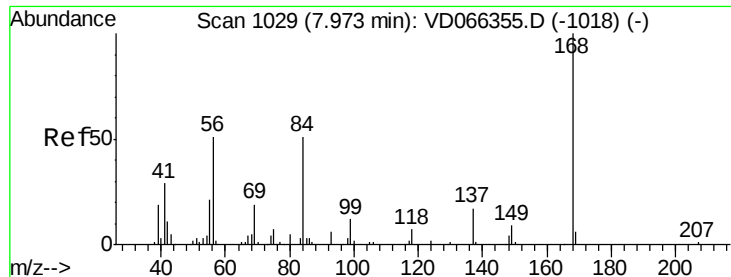
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 13:36:12 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066422.D

Acq: 26 Aug 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

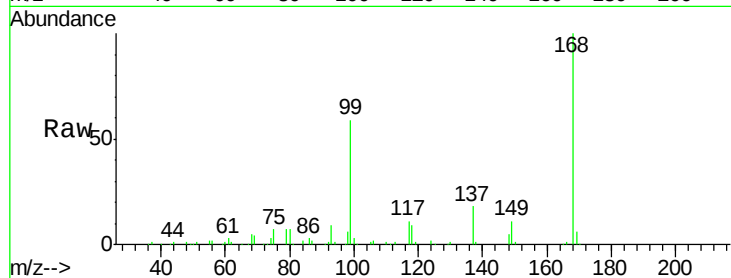
TP-7

Tot Ion:168 Resp: 203144

Ion Ratio Lower Upper

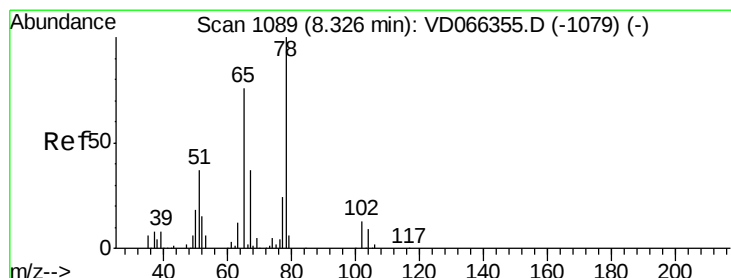
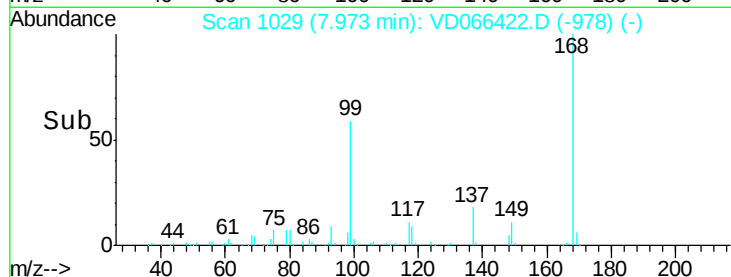
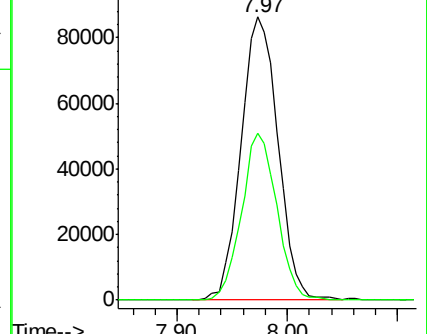
168 100

99 58.9 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: 54.934 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066422.D

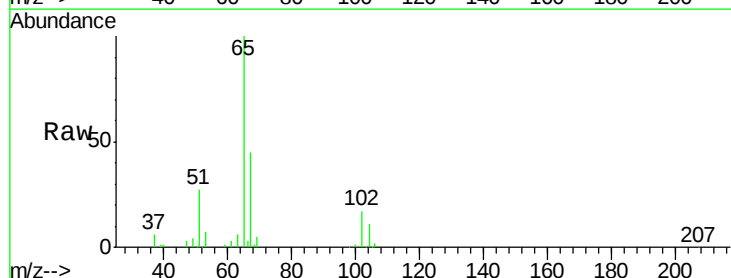
Acq: 26 Aug 2020 16:00

Tgt Ion: 65 Resp: 109408

Ion Ratio Lower Upper

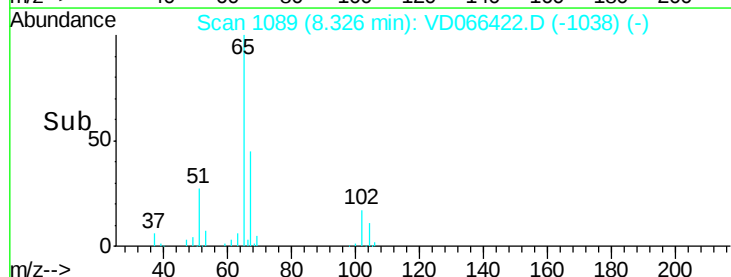
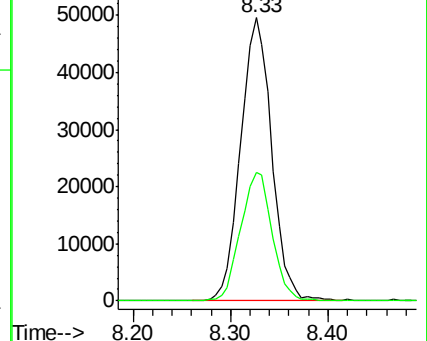
65 100

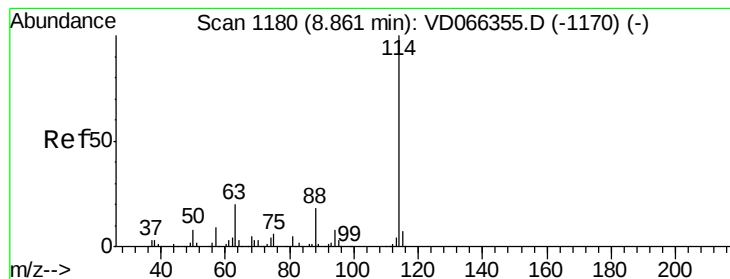
67 45.9 0.0 101.6



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: VD066422.D

Acq: 26 Aug 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

TP-7

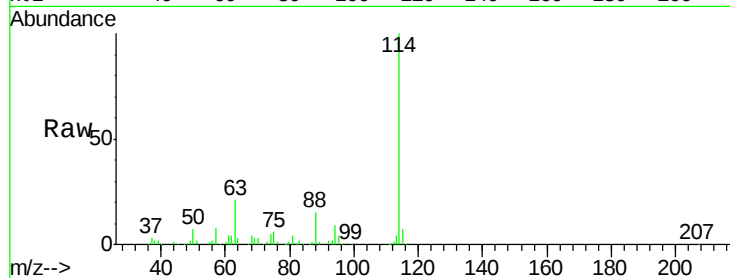
Tot Ion:114 Resp: 295284

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

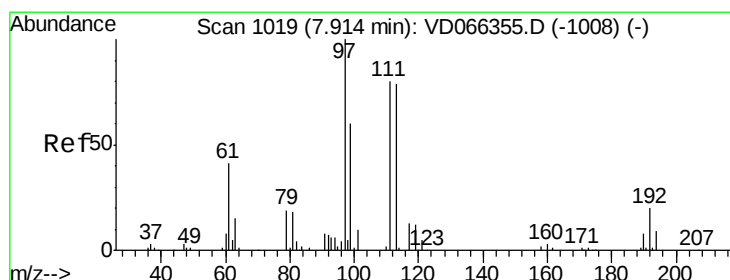
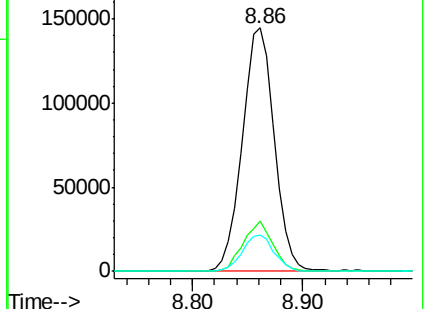
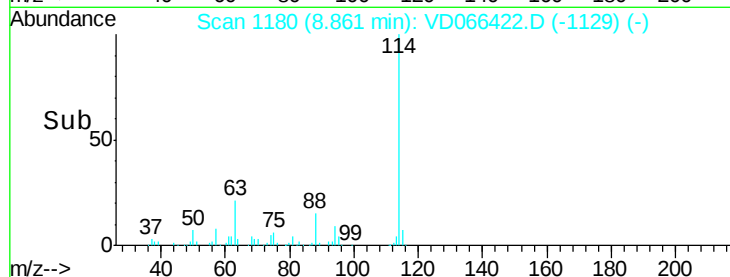
88 14.8 0.0 35.4



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: 49.243 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066422.D

Acq: 26 Aug 2020 16:00

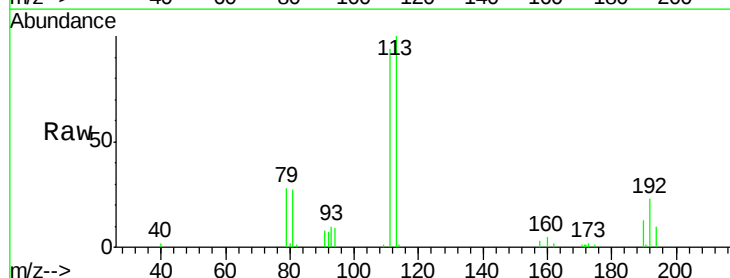
Tgt Ion:113 Resp: 90925

Ion Ratio Lower Upper

113 100

111 101.1 80.3 120.5

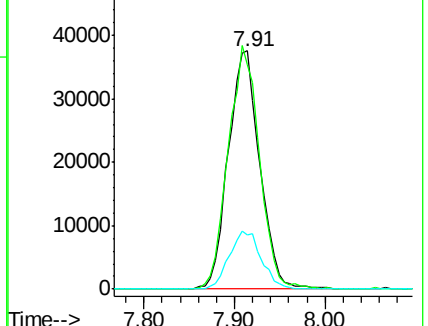
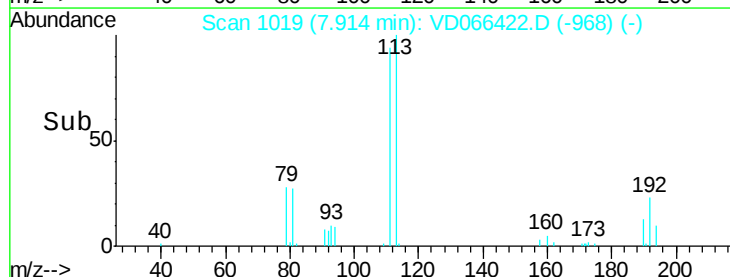
192 24.7 19.0 28.6

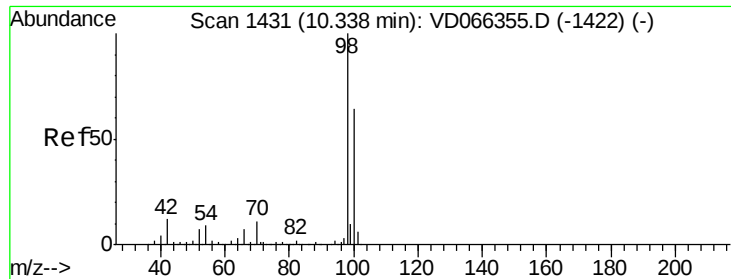


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.300 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066422.D

Acq: 26 Aug 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

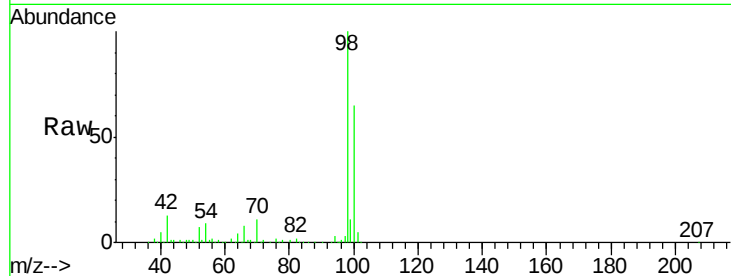
TP-7

Tot Ion: 98 Resp: 339819

Ion Ratio Lower Upper

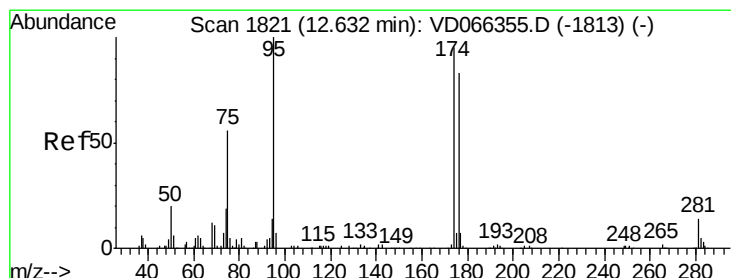
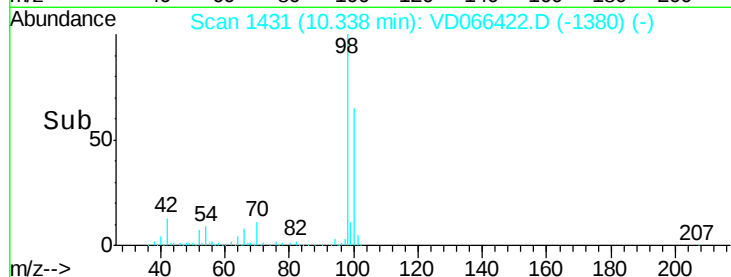
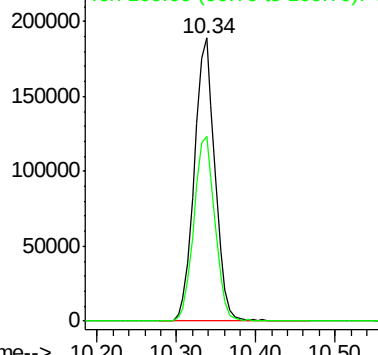
98 100

100 66.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 48.338 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066422.D

Acq: 26 Aug 2020 16:00

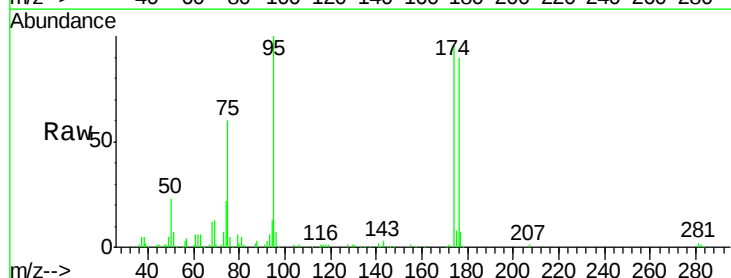
Tgt Ion: 95 Resp: 115880

Ion Ratio Lower Upper

95 100

174 98.0 0.0 183.4

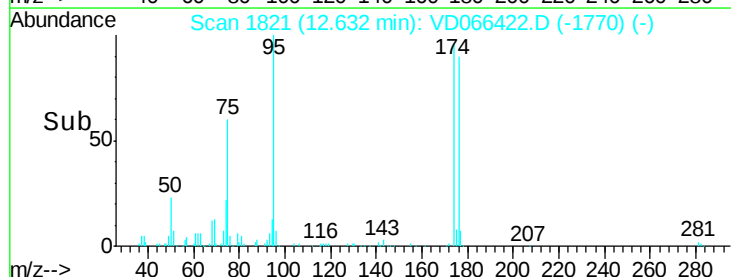
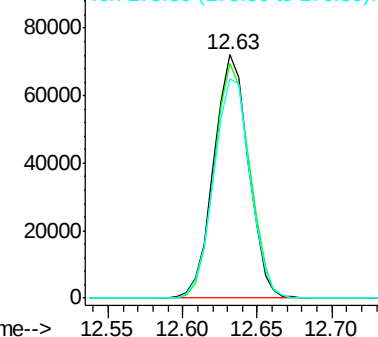
176 94.7 0.0 173.8

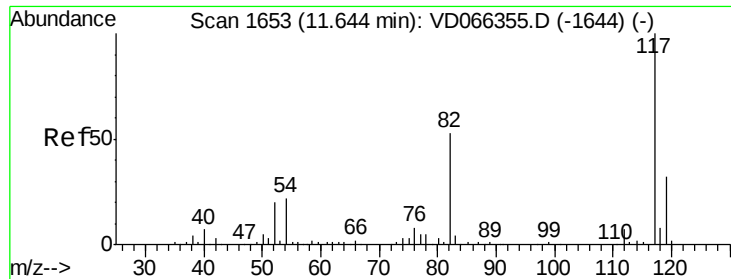


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

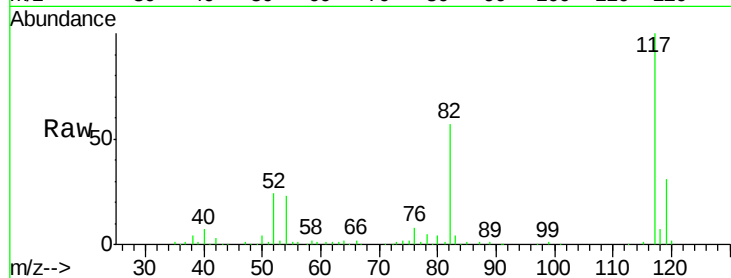




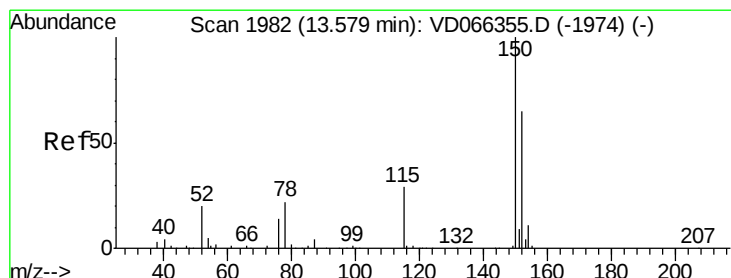
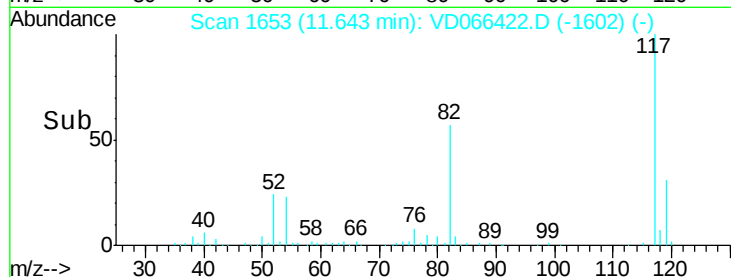
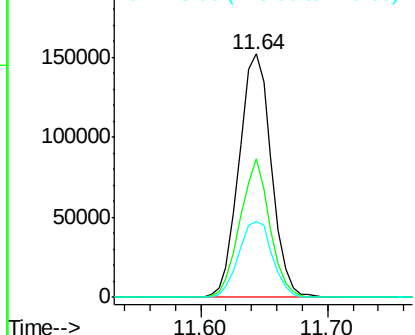
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066422.D
Acq: 26 Aug 2020 16:00

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tot Ion:117 Resp: 268912
Ion Ratio Lower Upper
117 100
82 57.1 42.8 64.2
119 31.4 25.8 38.8

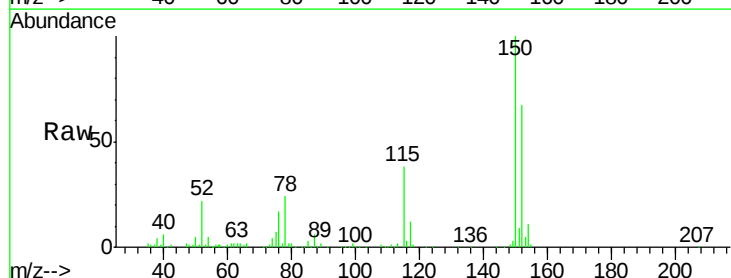


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066422.D
Acq: 26 Aug 2020 16:00

Tgt Ion:152 Resp: 138129
Ion Ratio Lower Upper
152 100
115 58.3 28.3 85.0
150 154.6 0.0 343.2



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

