

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066470.D
 Acq On : 28 Aug 2020 19:58
 Operator : VA/SY
 Sample : L3828-04
 Misc : 7.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-3

Quant Time: Aug 29 02:20:55 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

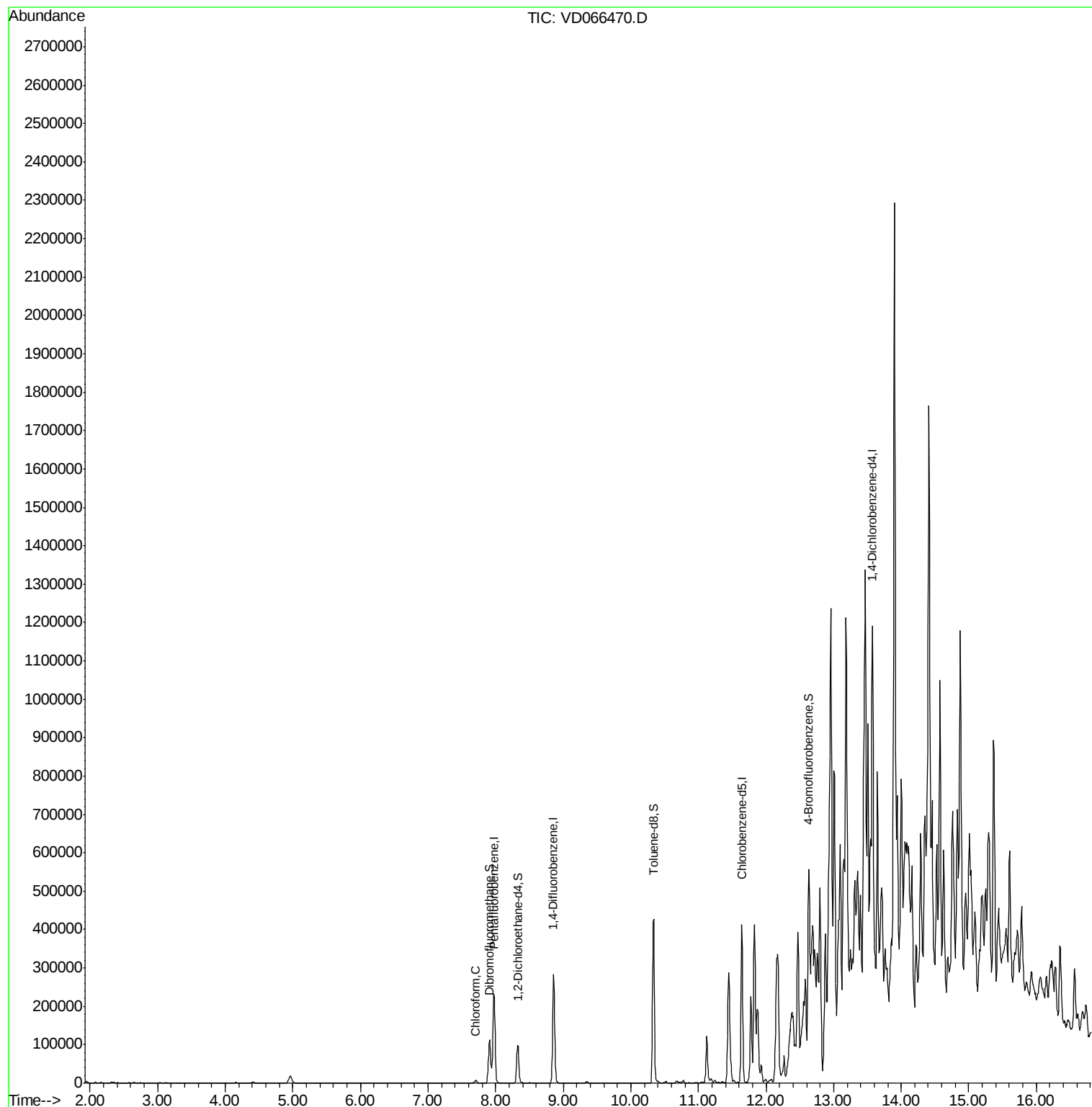
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	176829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	245358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	228411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	127316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	91960	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	7.91	113	76095	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.34	98	288565	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.63	95	110286	55.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.74%	
Target Compounds						
30) Chloroform	7.70	83	5486	1.802	ug/l #	Qvalue 80

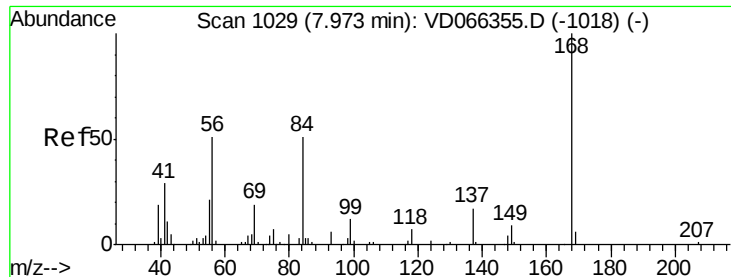
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066470.D

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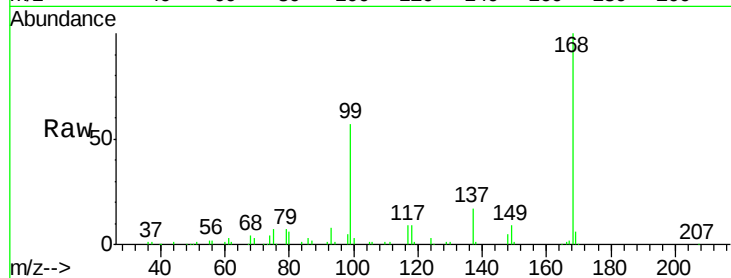
BS-3

Tot Ion:168 Resp: 176829

Ion Ratio Lower Upper

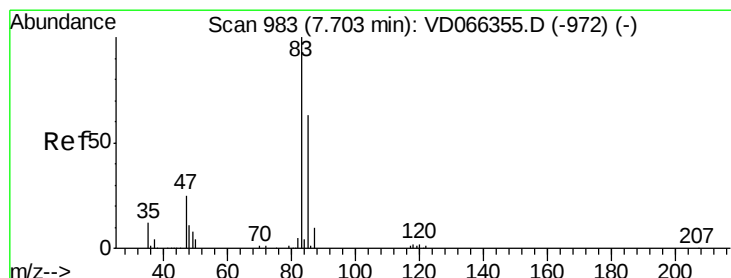
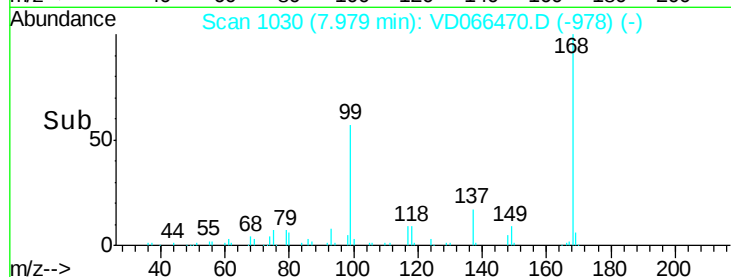
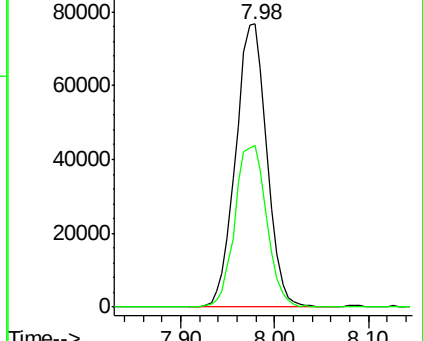
168 100

99 57.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#30

Chloroform

Concen: 1.802 ug/l

RT: 7.70 min Scan# 983

Delta R.T. 0.00 min

Lab File: VD066470.D

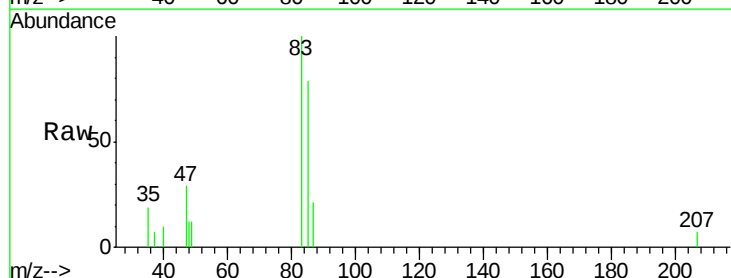
Acq: 28 Aug 2020 19:58

Tgt Ion: 83 Resp: 5486

Ion Ratio Lower Upper

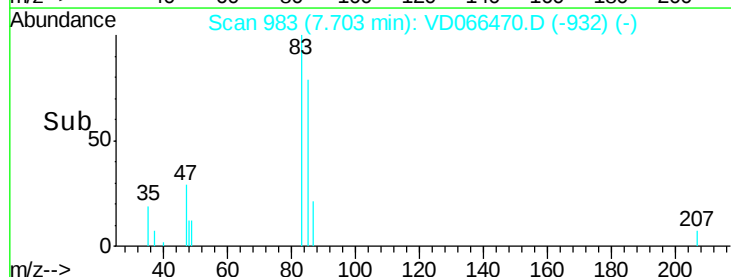
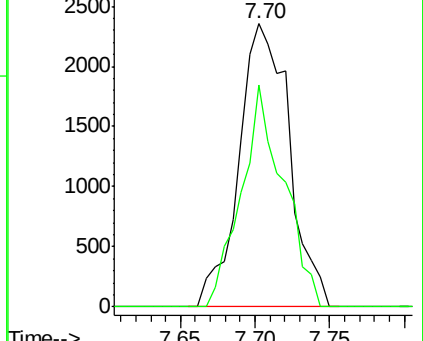
83 100

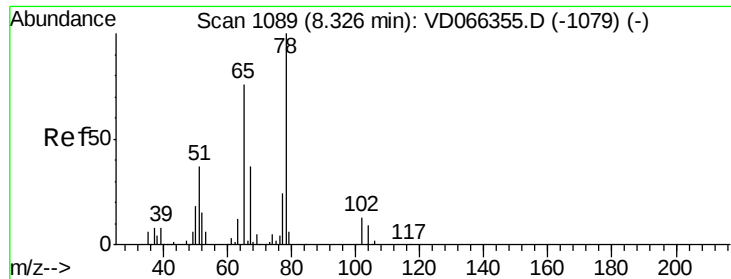
85 78.6 50.3 75.5#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

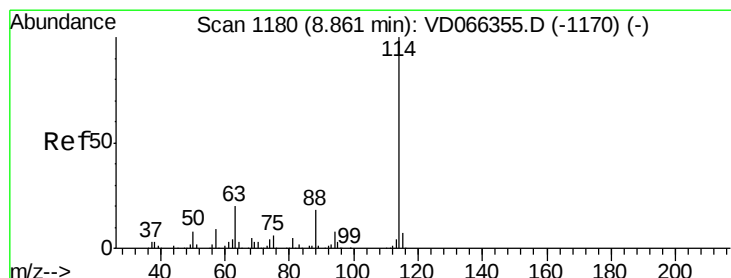
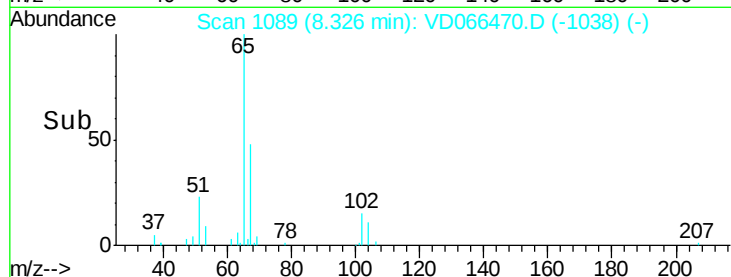
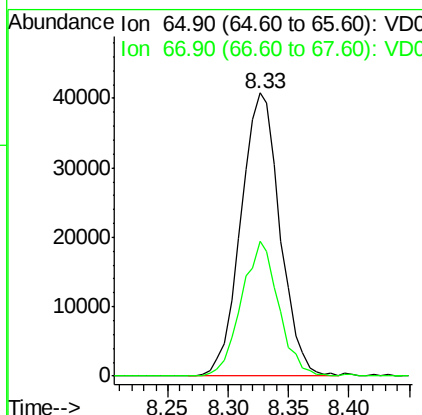
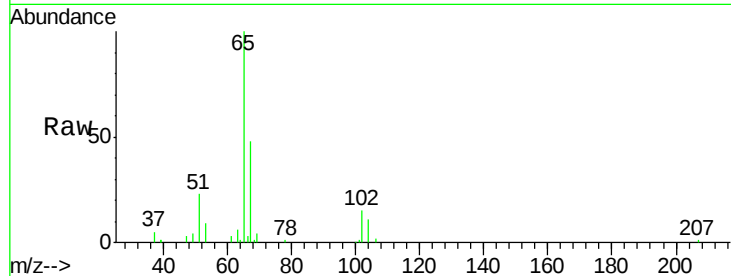




#33
 1,2-Dichloroethane-d4
 Concen: 53.045 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066470.D
 Acq: 28 Aug 2020 19:58

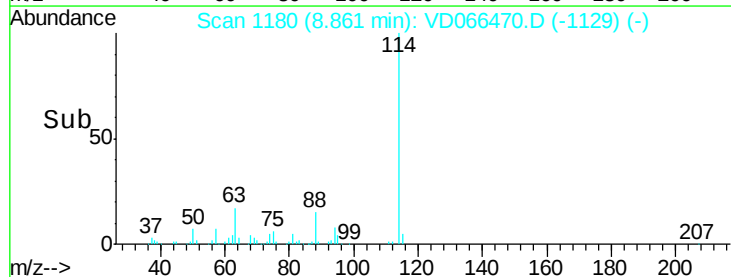
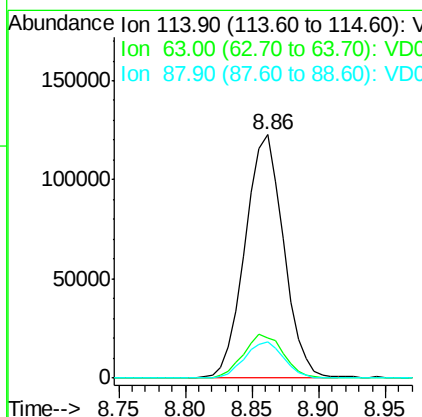
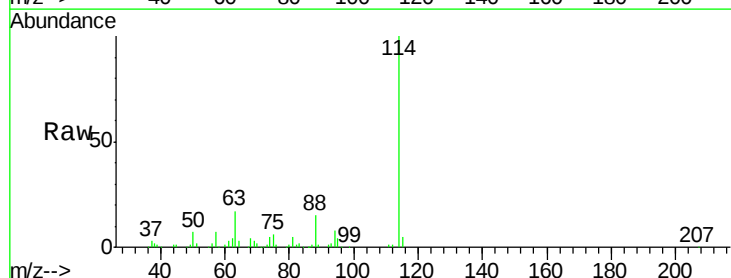
Instrument :
 MSVOA_D
 ClientSampleId :
 BS-3

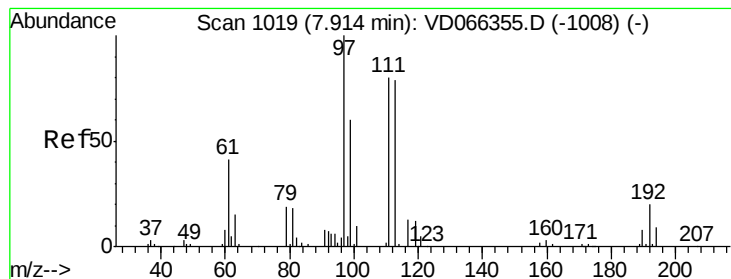
Tot Ion: 65 Resp: 91960
 Ion Ratio Lower Upper
 65 100
 67 45.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066470.D
 Acq: 28 Aug 2020 19:58

Tgt Ion: 114 Resp: 245358
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 40.8
 88 15.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.598 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066470.D

Acq: 28 Aug 2020 19:58

Instrument :

MSVOA_D

ClientSampleId :

BS-3

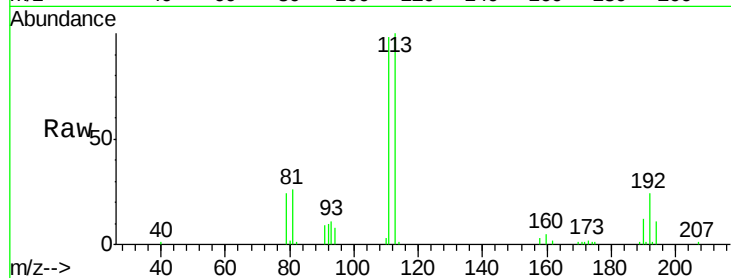
Tot Ion:113 Resp: 76095

Ion Ratio Lower Upper

113 100

111 99.3 80.3 120.5

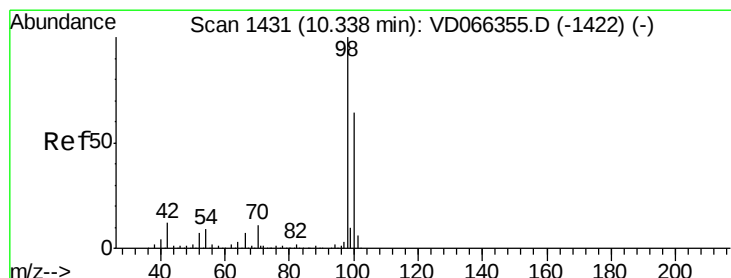
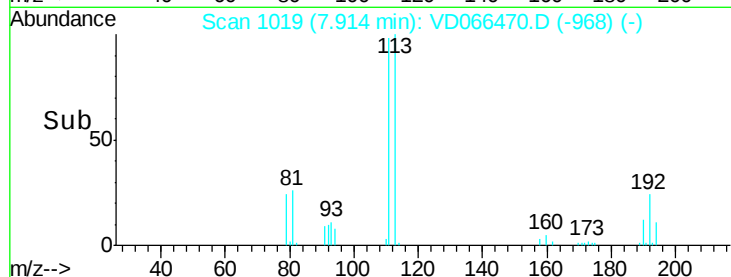
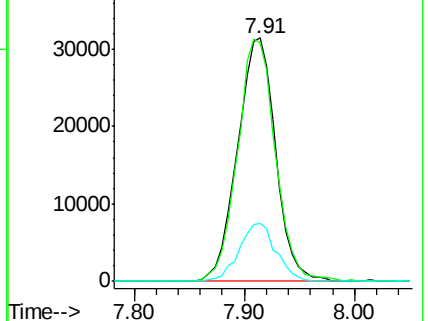
192 23.0 19.0 28.6



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: 51.405 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066470.D

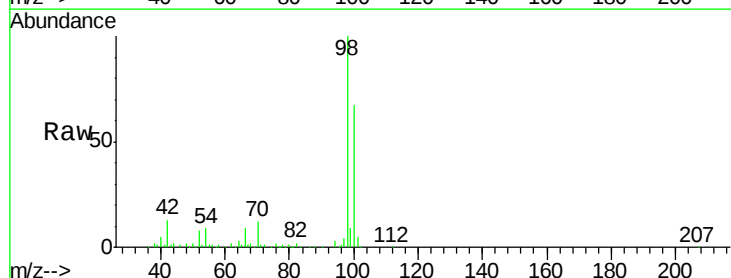
Acq: 28 Aug 2020 19:58

Tgt Ion: 98 Resp: 288565

Ion Ratio Lower Upper

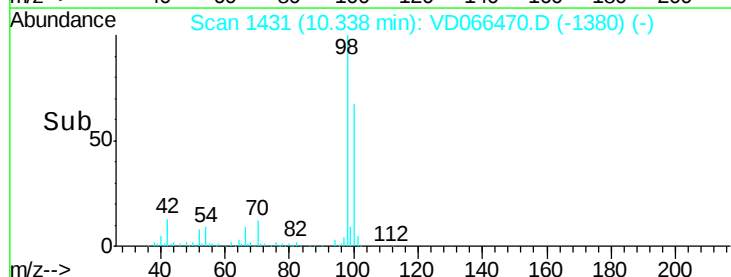
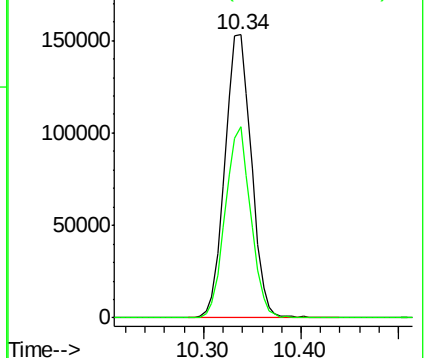
98 100

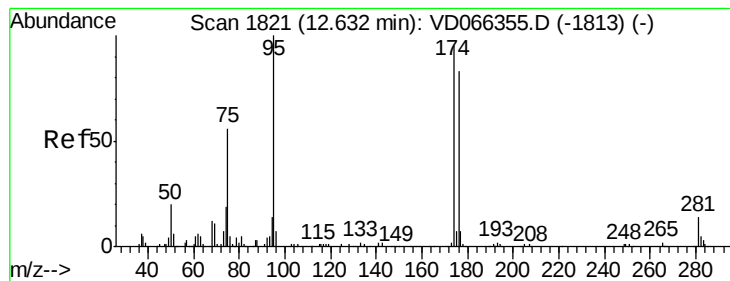
100 65.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.366 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066470.D

Acq: 28 Aug 2020 19:58

Instrument :

MSVOA_D

ClientSampleId :

BS-3

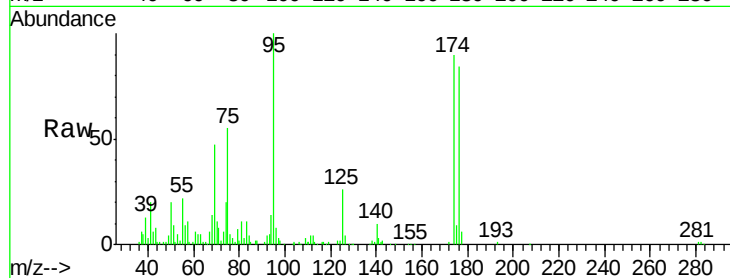
Tot Ion: 95 Resp: 110286

Ion Ratio Lower Upper

95 100

174 90.8 0.0 183.4

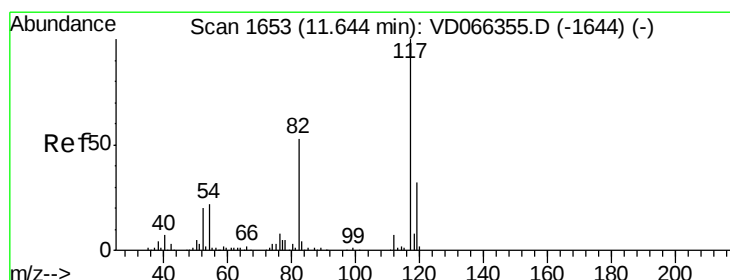
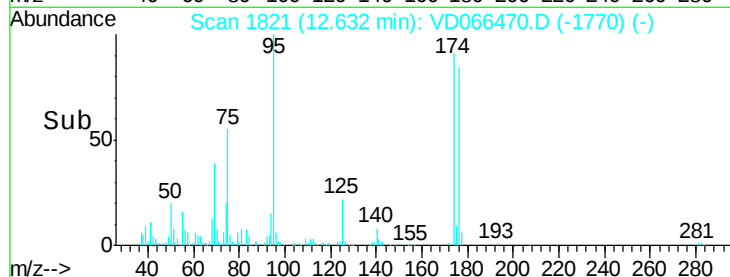
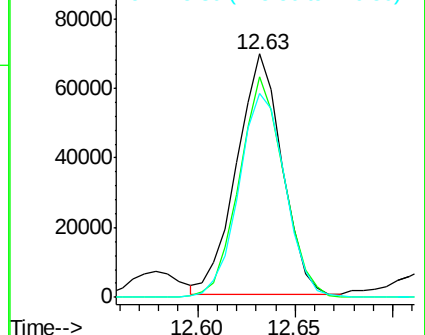
176 87.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD066470.D

Acq: 28 Aug 2020 19:58

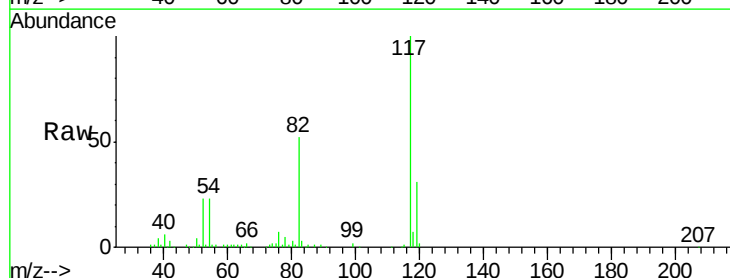
Tgt Ion: 117 Resp: 228411

Ion Ratio Lower Upper

117 100

82 52.2 42.8 64.2

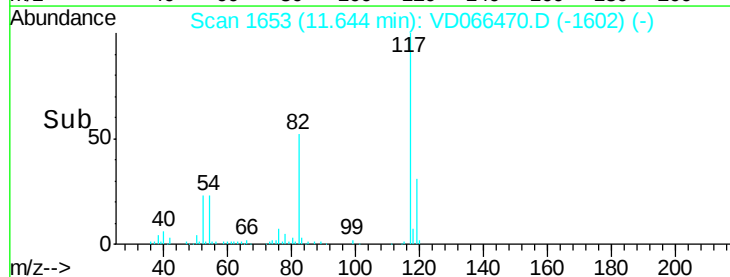
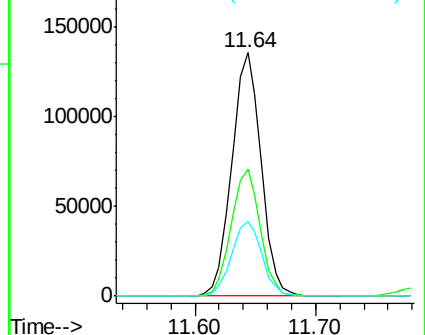
119 30.9 25.8 38.8

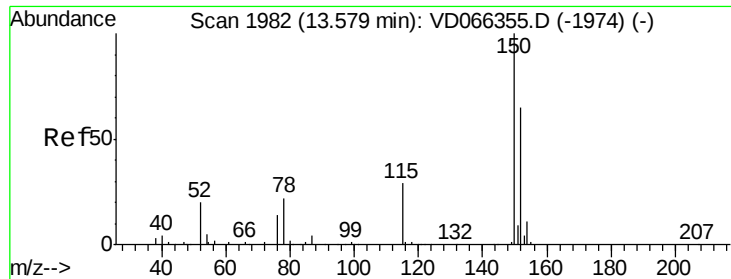


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066470.D

Acq: 28 Aug 2020 19:58

Instrument :

MSVOA_D

ClientSampleId :

BS-3

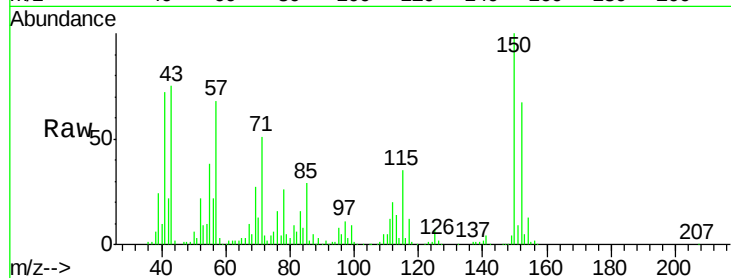
Tot Ion:152 Resp: 127316

Ion Ratio Lower Upper

152 100

115 51.8 28.3 85.0

150 142.4 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

