

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066417.D
 Acq On : 26 Aug 2020 13:42
 Operator : VA/SY
 Sample : L3793-04
 Misc : 7.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Aug 27 08:01:27 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	214607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	309003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	282878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	144392	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	112127	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
35) Dibromofluoromethane	7.91	113	96630	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.34	98	362478	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.63	95	120511	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

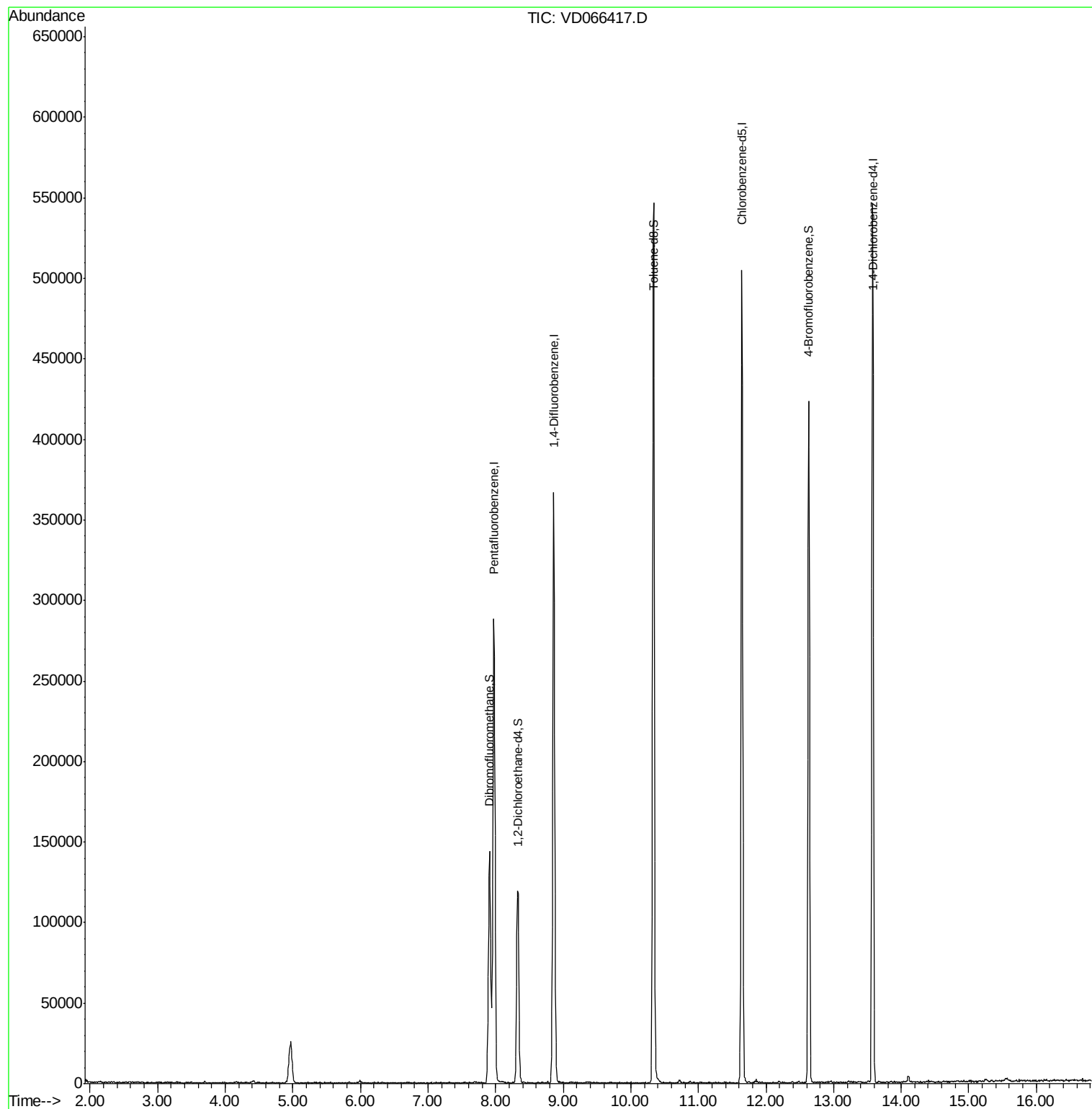
Target Compounds	Qvalue

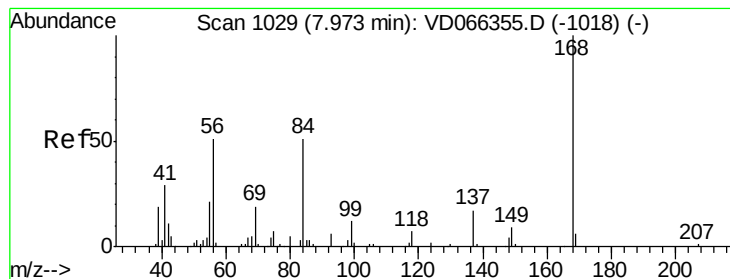
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066417.D

Acq: 26 Aug 2020 13:42

Instrument :

MSVOA_D

ClientSampled :

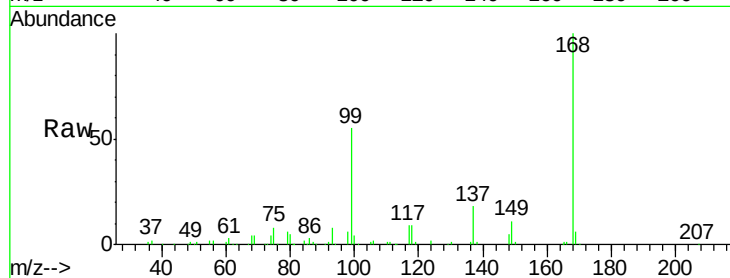
TP-2

Tot Ion:168 Resp: 214607

Ion Ratio Lower Upper

168 100

99 54.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

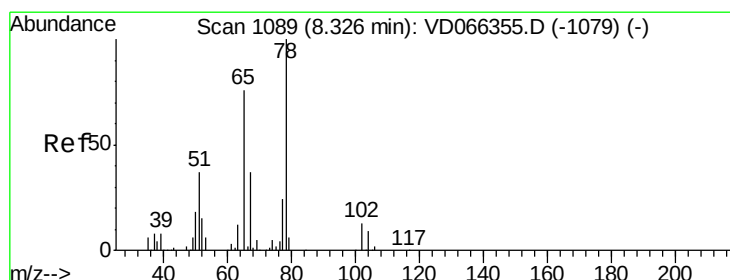
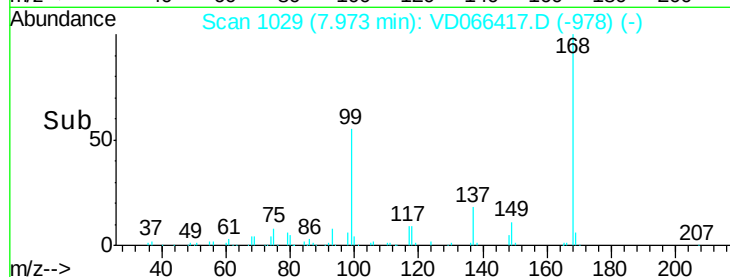
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 53.292 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066417.D

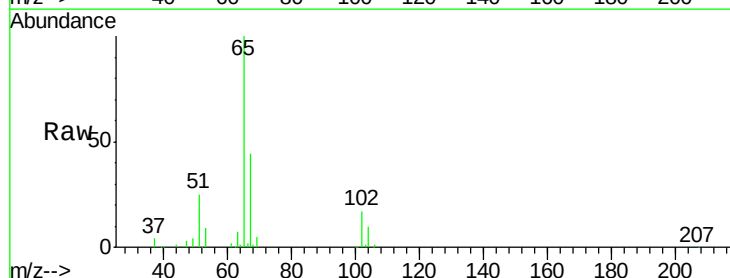
Acq: 26 Aug 2020 13:42

Tgt Ion: 65 Resp: 112127

Ion Ratio Lower Upper

65 100

67 46.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

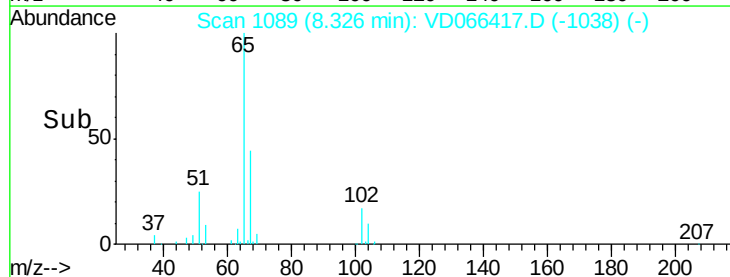
30000

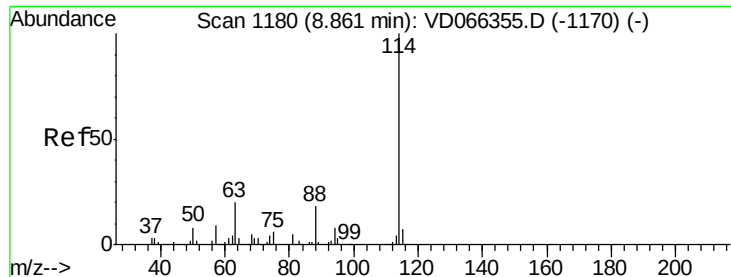
20000

10000

0

Time--> 8.30 8.40

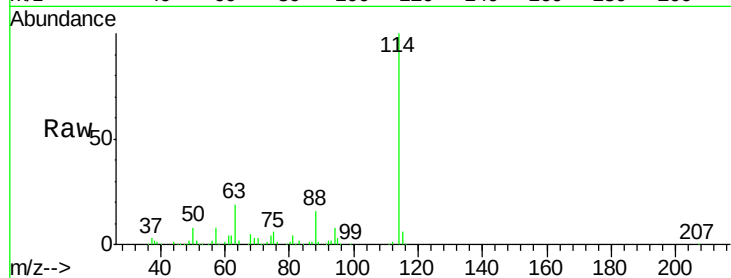




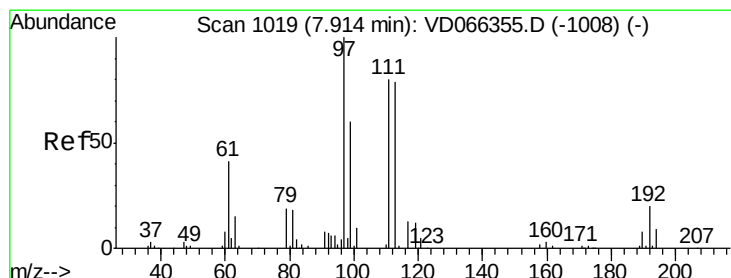
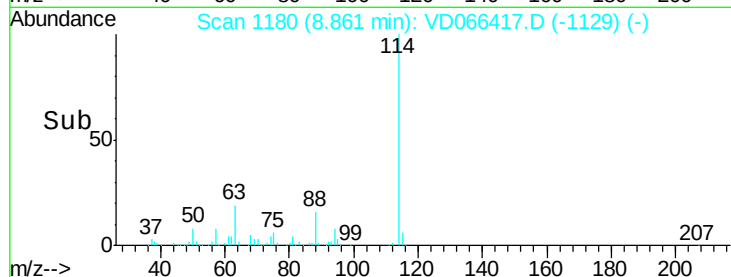
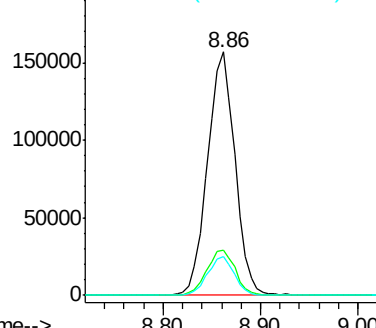
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066417.D
 Acq: 26 Aug 2020 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	40.8
88	16.2	0.0	35.4

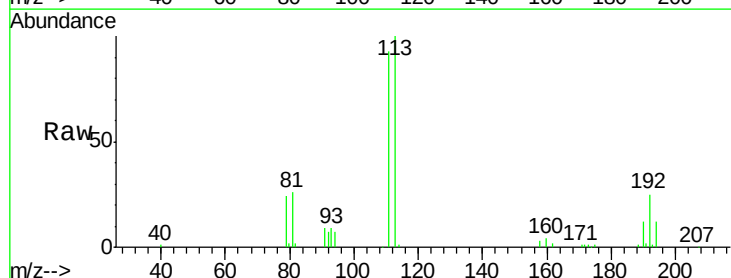


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

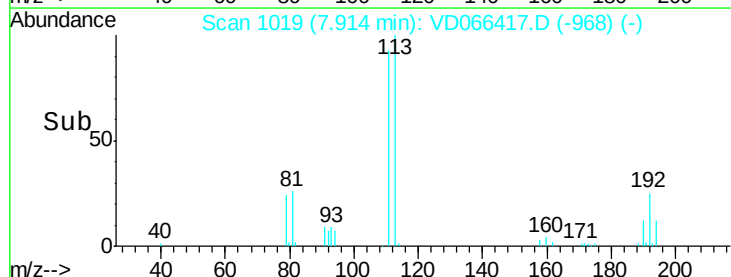
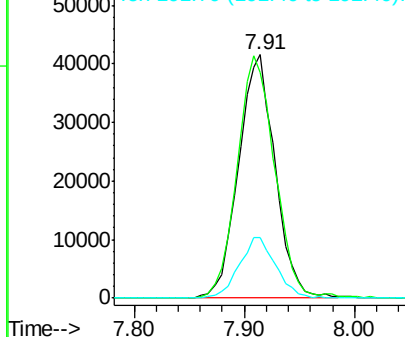


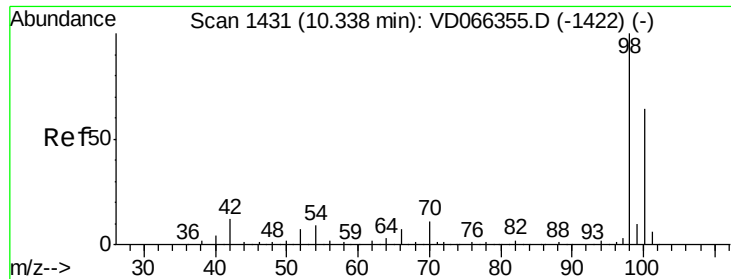
#35
 Dibromofluoromethane
 Concen: 50.010 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066417.D
 Acq: 26 Aug 2020 13:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.3	120.5
192	24.8	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

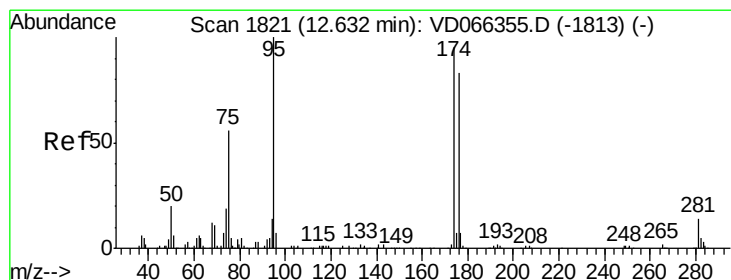
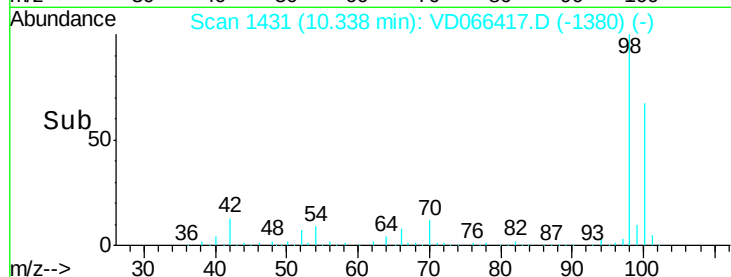
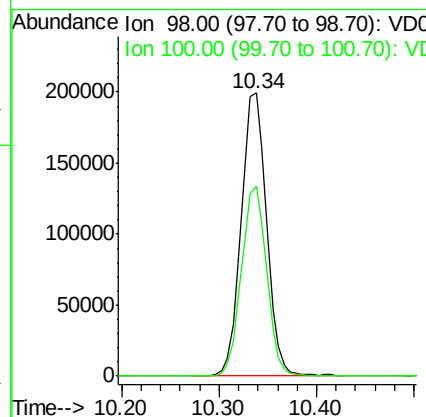
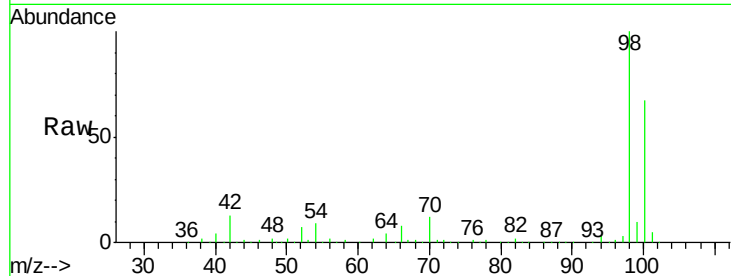




#50
Toluene-d8
Concen: 51.272 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066417.D
Acq: 26 Aug 2020 13:42

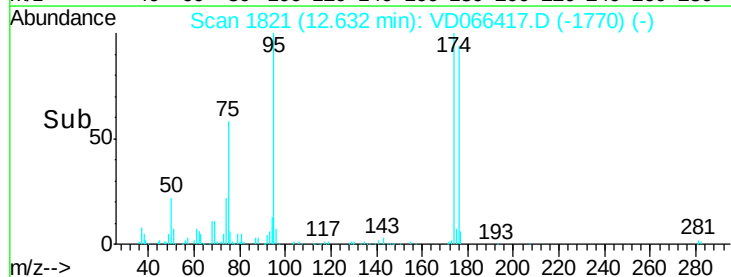
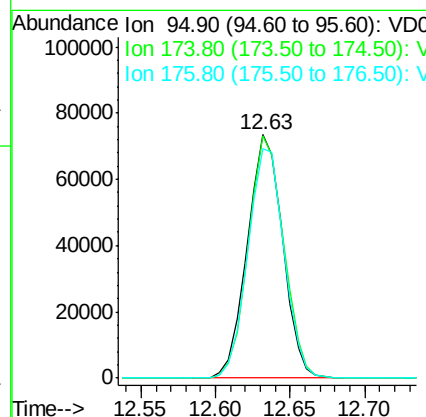
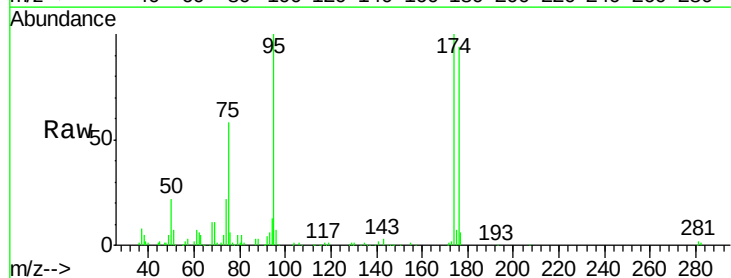
Instrument :
MSVOA_D
ClientSampled :
TP-2

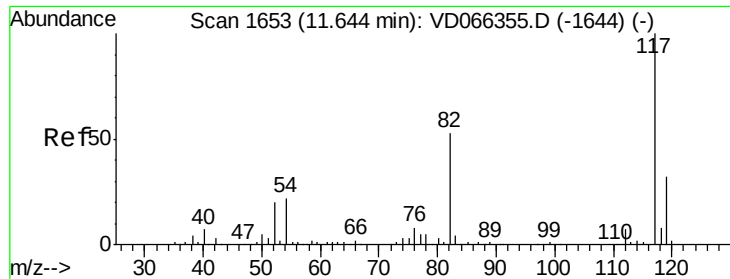
Tot Ion: 98 Resp: 362478
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.038 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066417.D
Acq: 26 Aug 2020 13:42

Tgt Ion: 95 Resp: 120511
Ion Ratio Lower Upper
95 100
174 98.6 0.0 183.4
176 96.2 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: VD066417.D

Acq: 26 Aug 2020 13:42

Instrument :

MSVOA_D

ClientSampled :

TP-2

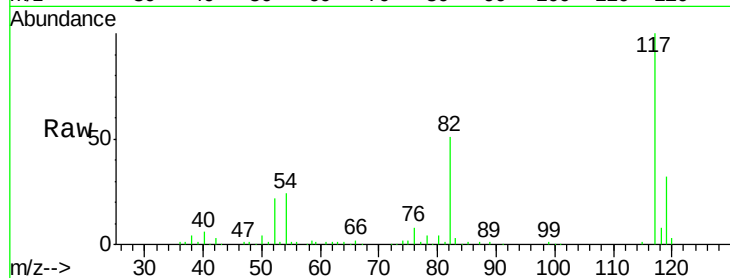
Tot Ion:117 Resp: 282878

Ion Ratio Lower Upper

117 100

82 51.0 42.8 64.2

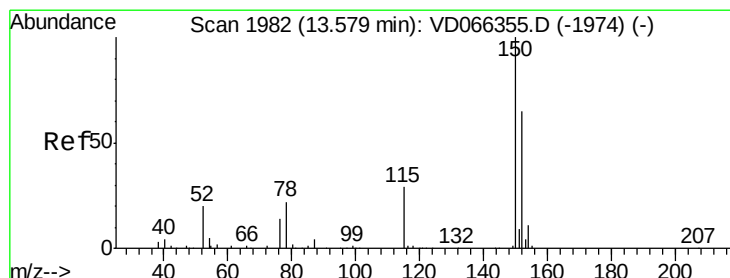
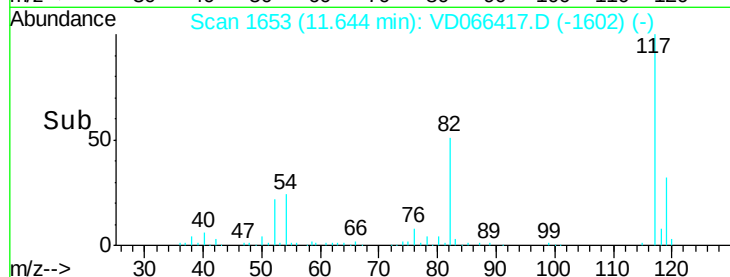
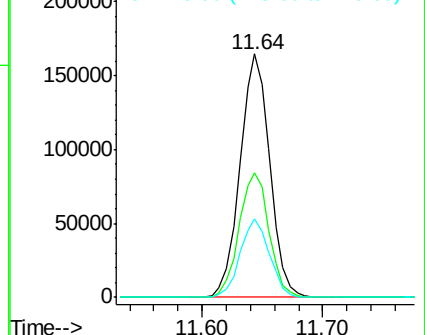
119 32.1 25.8 38.8



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: VD066417.D

Acq: 26 Aug 2020 13:42

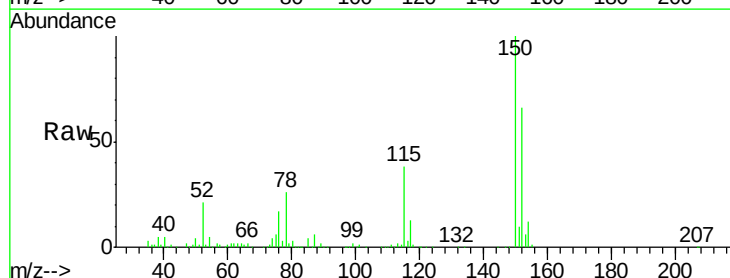
Tgt Ion:152 Resp: 144392

Ion Ratio Lower Upper

152 100

115 58.2 28.3 85.0

150 153.2 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

