

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066497.D
 Acq On : 01 Sep 2020 15:44
 Operator : VA/SY
 Sample : L3851-01
 Misc : 7.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11995

Quant Time: Sep 02 01:27:07 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	181069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	255911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	228870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113701	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	100260	56.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.96%	
35) Dibromofluoromethane	7.91	113	76658	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.34	98	295251	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.63	95	99340	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

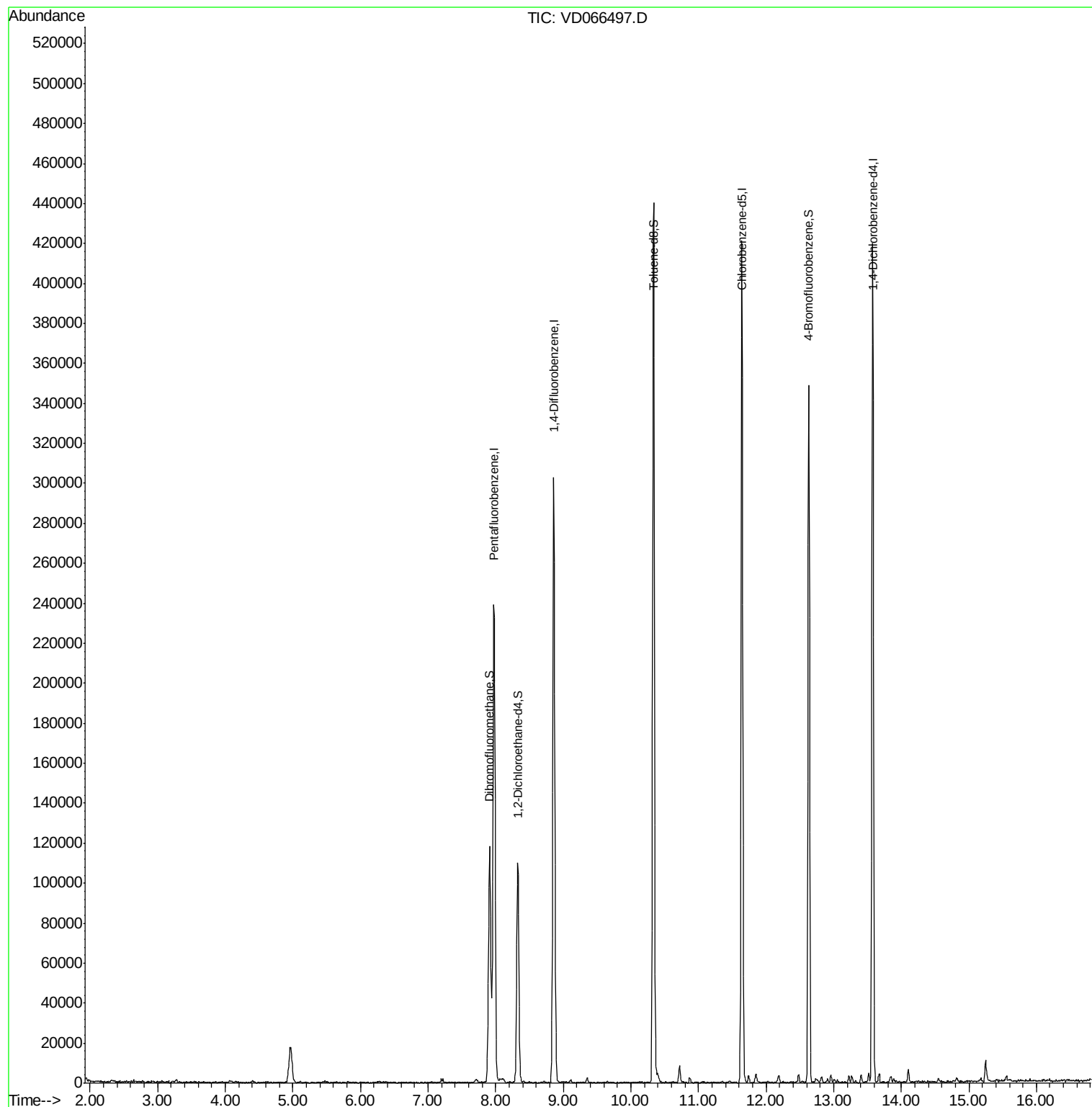
Target Compounds	Qvalue

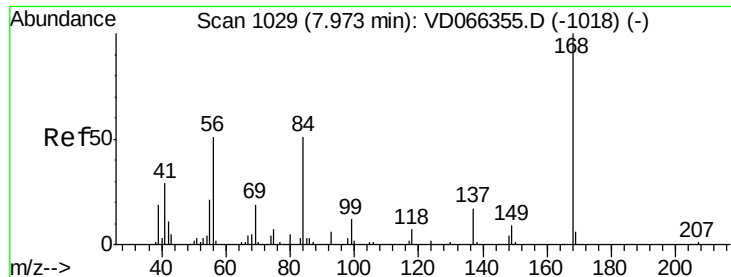
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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ClientSampleId :

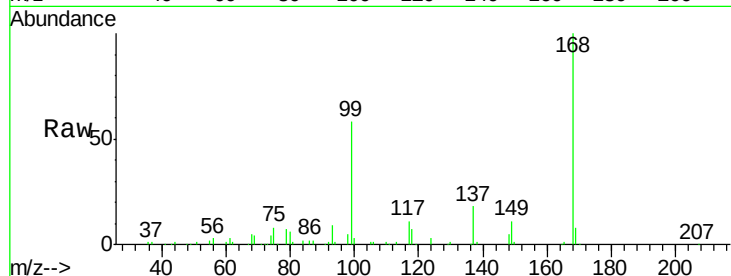
11995

Tot Ion:168 Resp: 181069

Ion Ratio Lower Upper

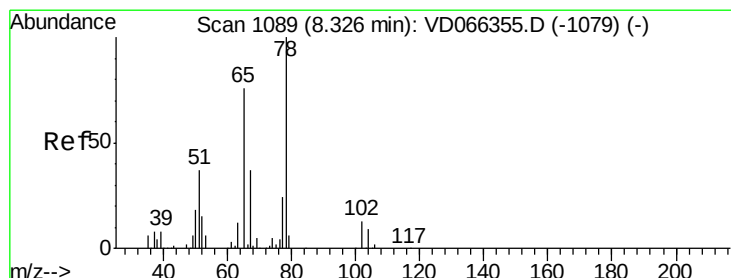
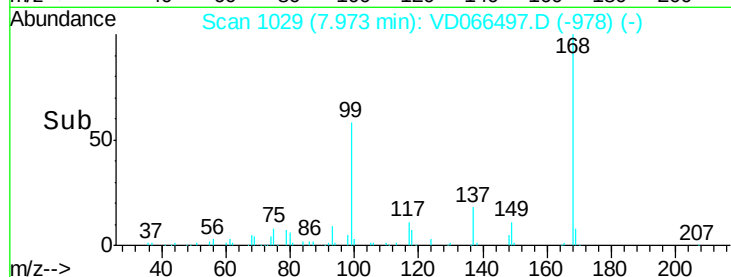
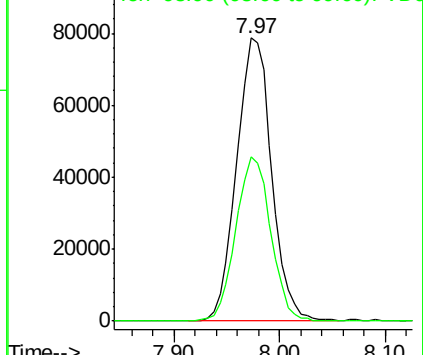
168 100

99 57.6 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: 56.478 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066497.D

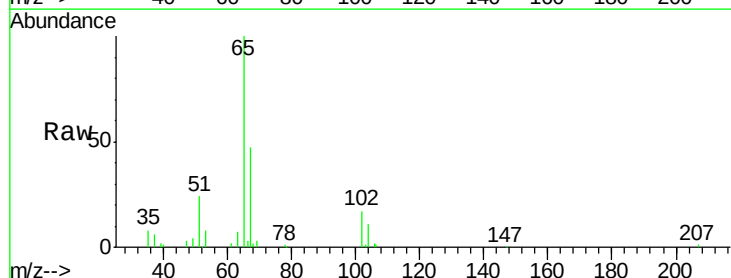
Acq: 01 Sep 2020 15:44

Tgt Ion: 65 Resp: 100260

Ion Ratio Lower Upper

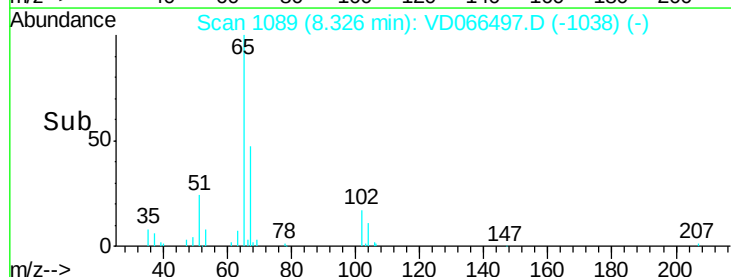
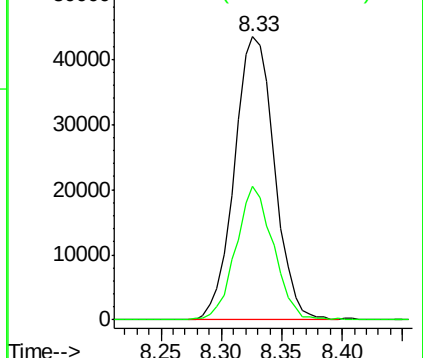
65 100

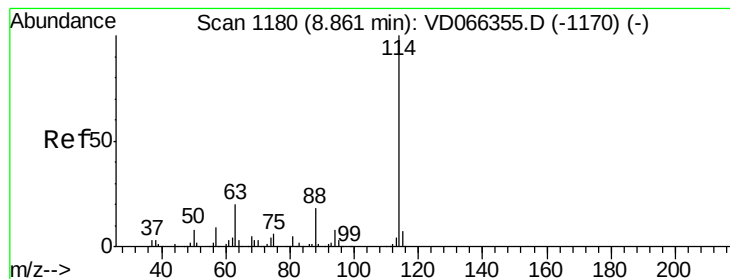
67 44.2 0.0 101.6



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: VD066497.D

Acq: 01 Sep 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

11995

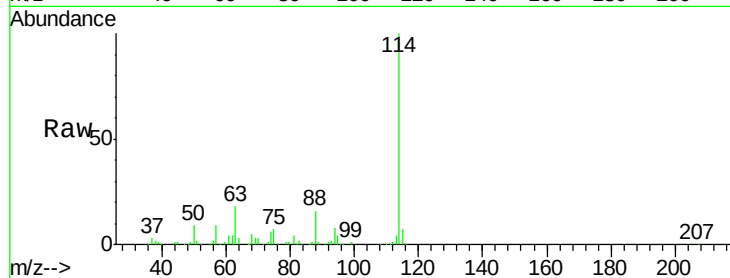
Tot Ion:114 Resp: 255911

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.8

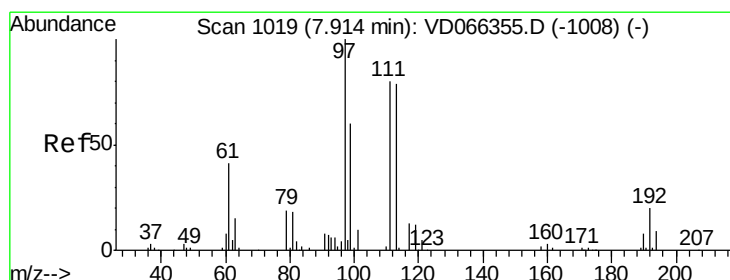
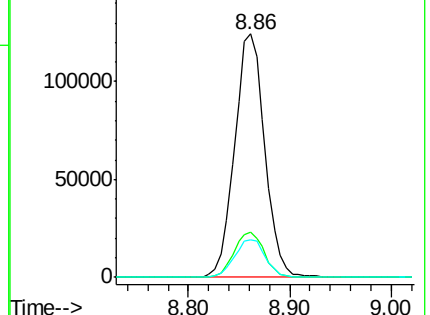
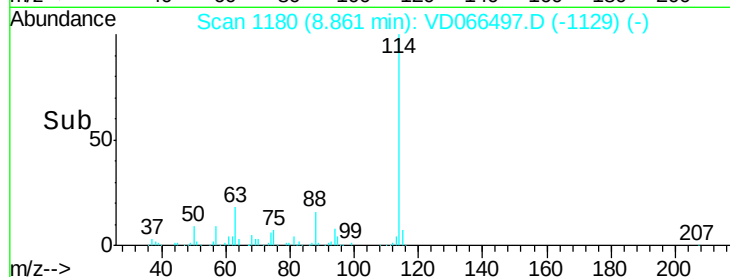
88 15.6 0.0 35.4



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: 47.904 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066497.D

Acq: 01 Sep 2020 15:44

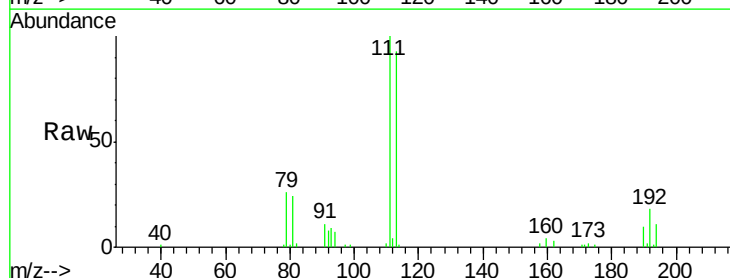
Tgt Ion:113 Resp: 76658

Ion Ratio Lower Upper

113 100

111 107.2 80.3 120.5

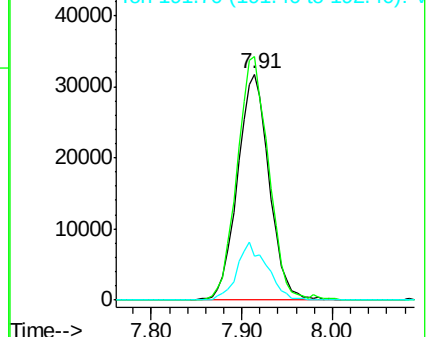
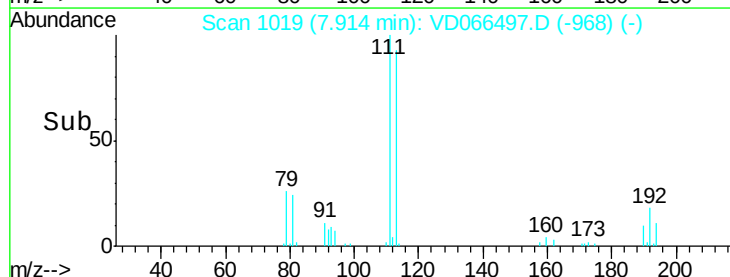
192 24.1 19.0 28.6

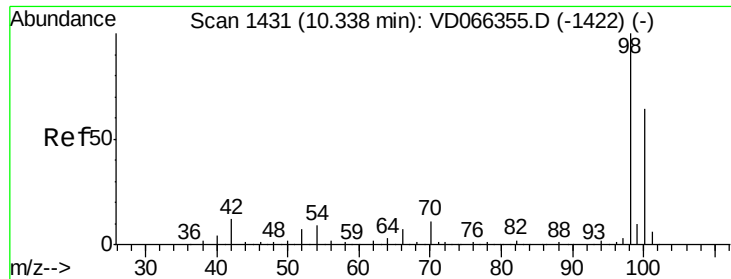


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

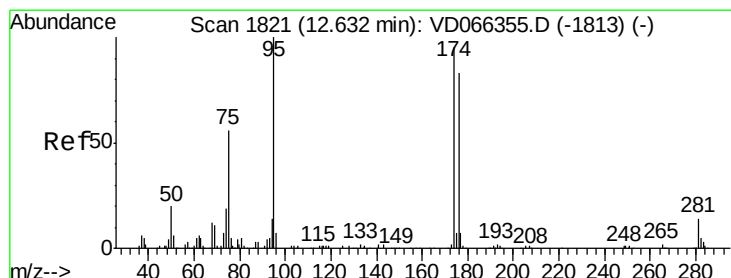
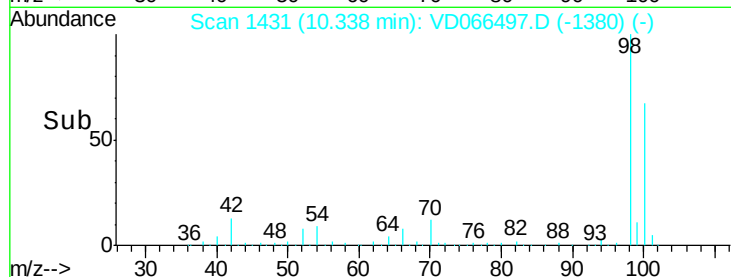
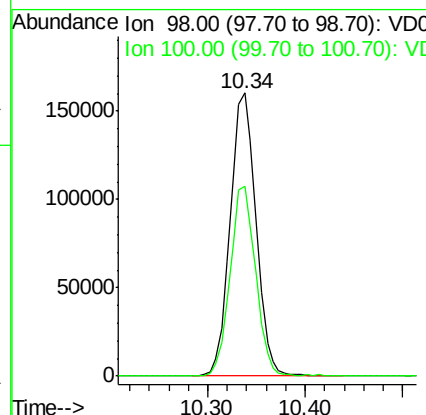
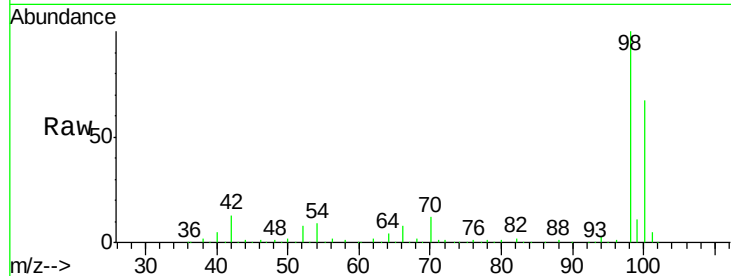




#50
Toluene-d8
Concen: 50.427 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066497.D
Acq: 01 Sep 2020 15:44

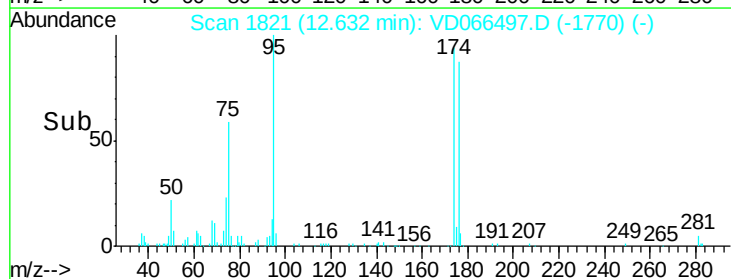
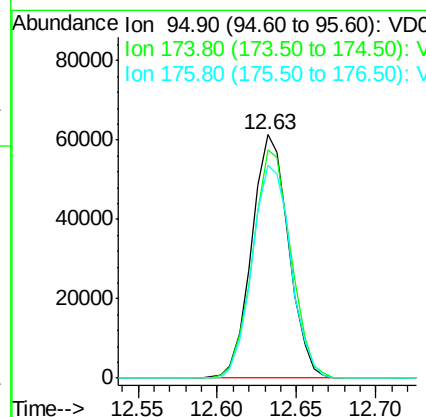
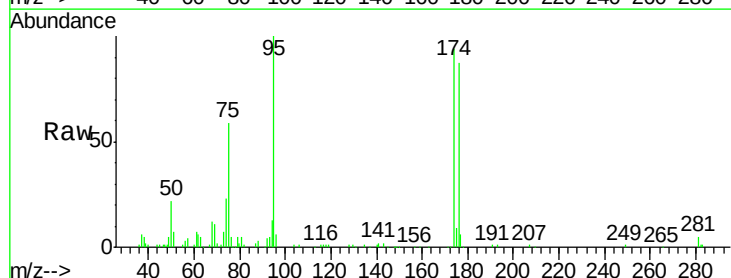
Instrument :
MSVOA_D
ClientSampleId :
11995

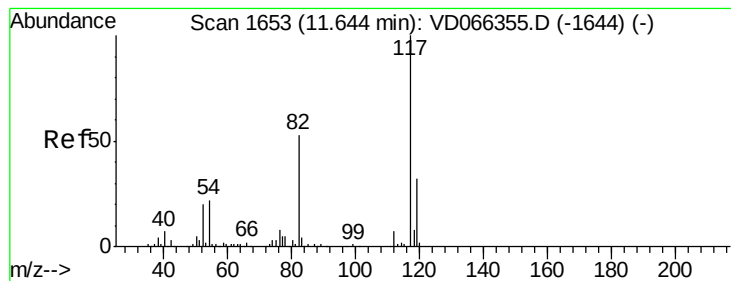
Tot Ion: 98 Resp: 295251
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.814 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066497.D
Acq: 01 Sep 2020 15:44

Tgt Ion: 95 Resp: 99340
Ion Ratio Lower Upper
95 100
174 97.0 0.0 183.4
176 91.2 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: VD066497.D

Acq: 01 Sep 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

11995

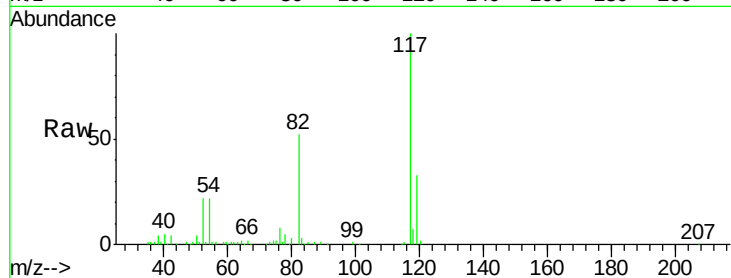
Tot Ion:117 Resp: 228870

Ion Ratio Lower Upper

117 100

82 51.6 42.8 64.2

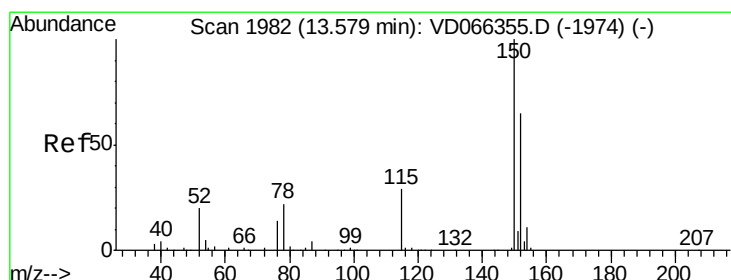
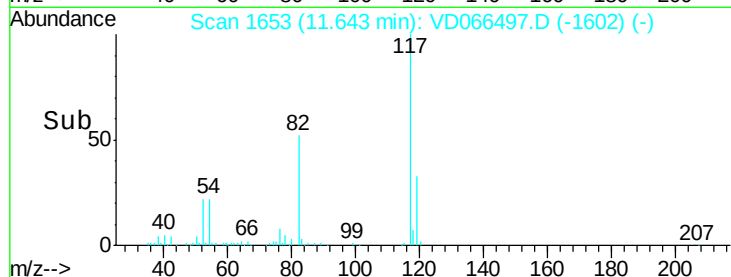
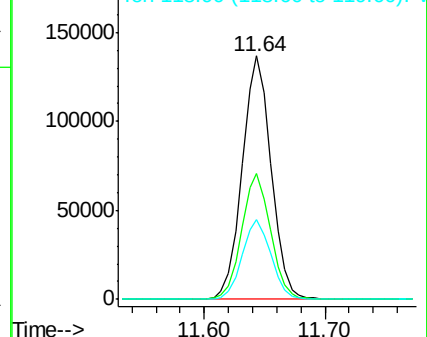
119 32.9 25.8 38.8



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: VD066497.D

Acq: 01 Sep 2020 15:44

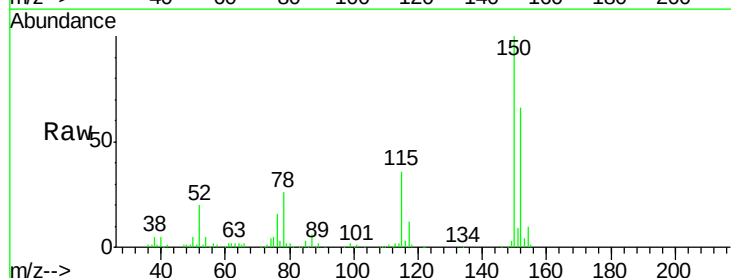
Tgt Ion:152 Resp: 113701

Ion Ratio Lower Upper

152 100

115 55.2 28.3 85.0

150 151.6 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

