

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066498.D
 Acq On : 01 Sep 2020 16:11
 Operator : VA/SY
 Sample : L3851-04
 Misc : 6.46G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 238

Quant Time: Sep 02 01:28:28 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	174506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	248194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	231701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	121984	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	97857	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
35) Dibromofluoromethane	7.91	113	78528	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.34	98	295364	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.63	95	101861	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

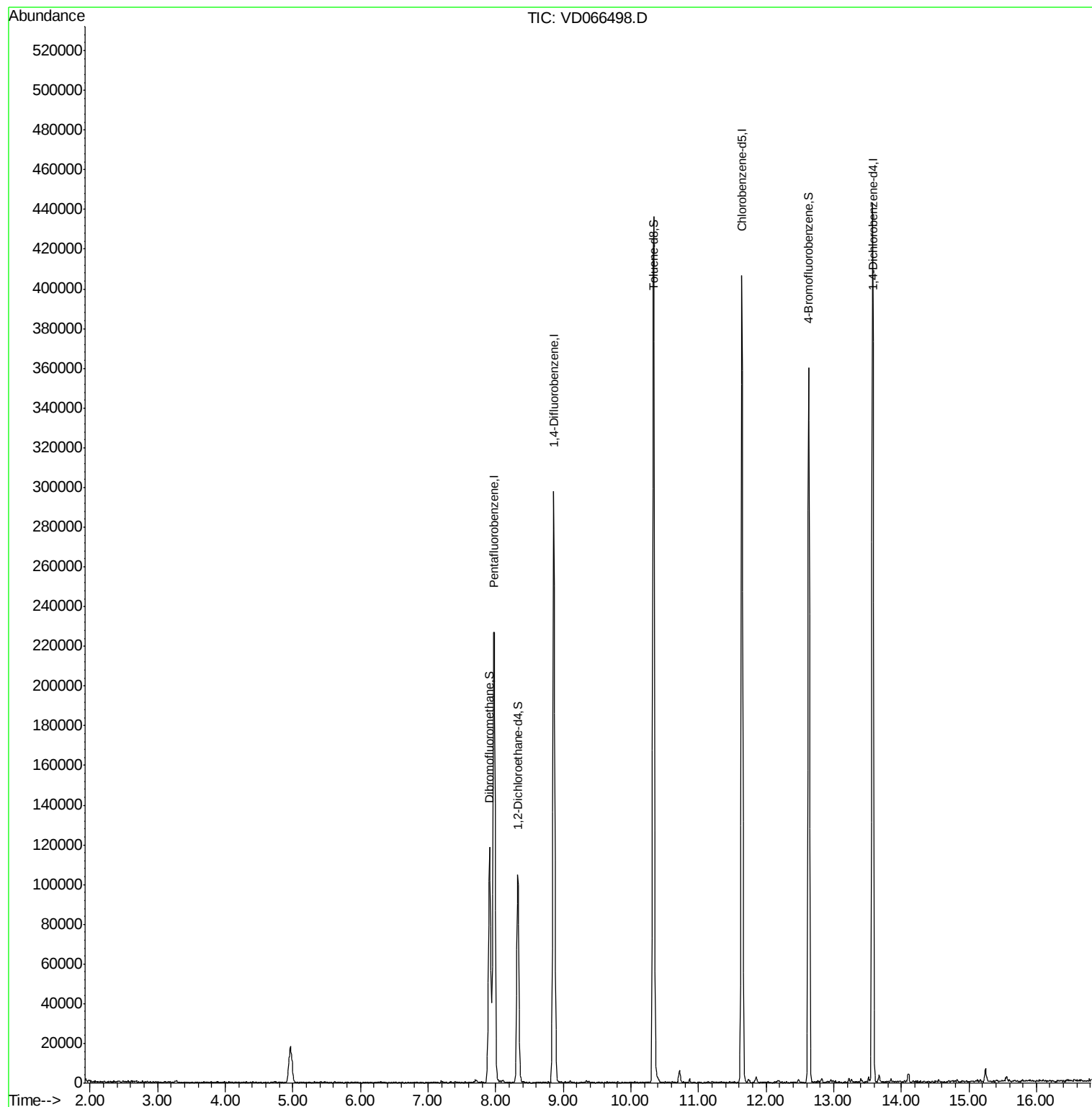
Target Compounds	Qvalue

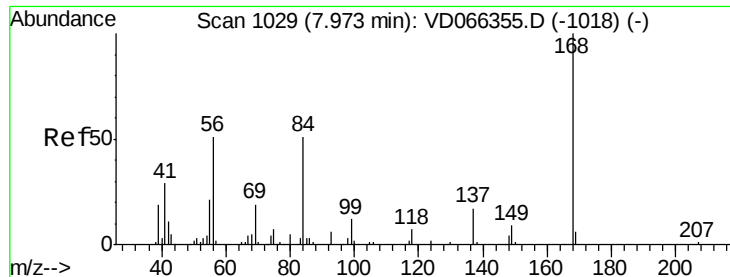
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066498.D

Acq: 01 Sep 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

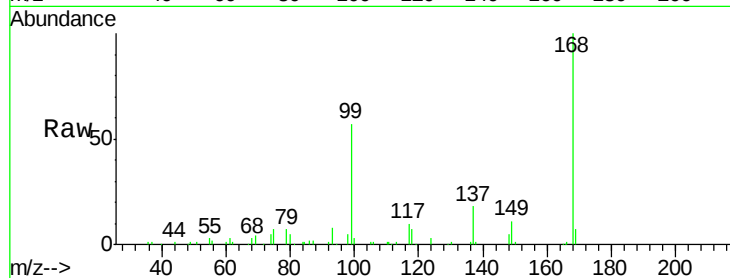
238

Tot Ion:168 Resp: 174506

Ion Ratio Lower Upper

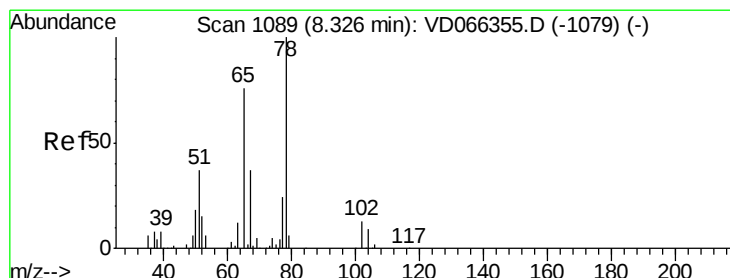
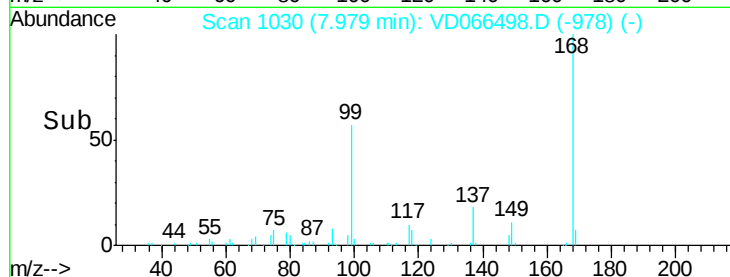
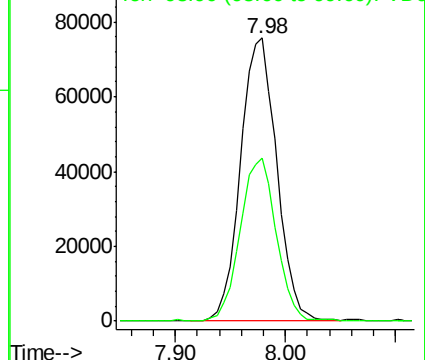
168 100

99 57.3 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: 57.198 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066498.D

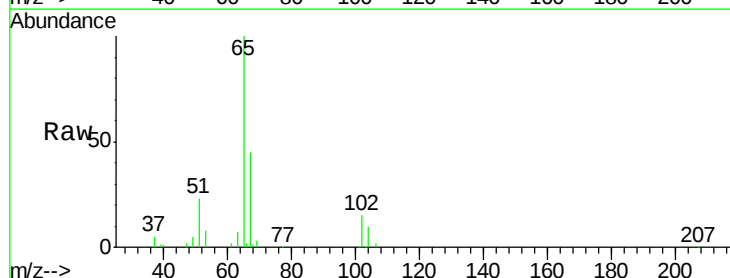
Acq: 01 Sep 2020 16:11

Tgt Ion: 65 Resp: 97857

Ion Ratio Lower Upper

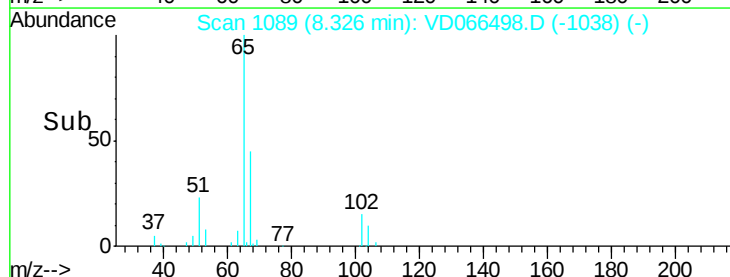
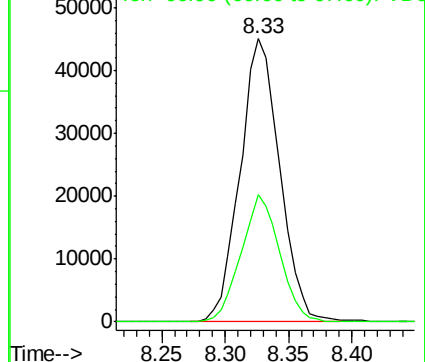
65 100

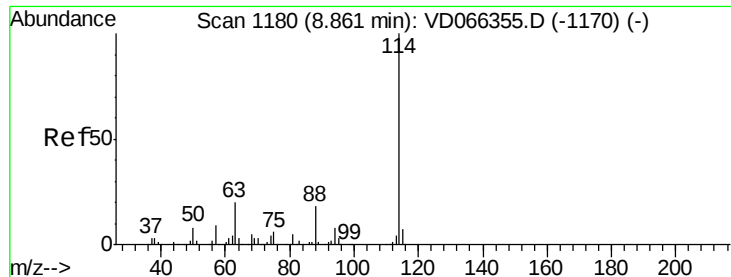
67 43.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

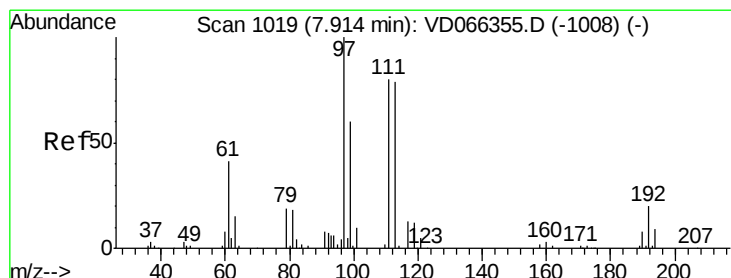
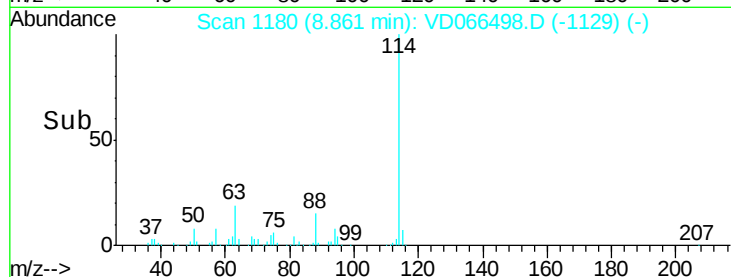
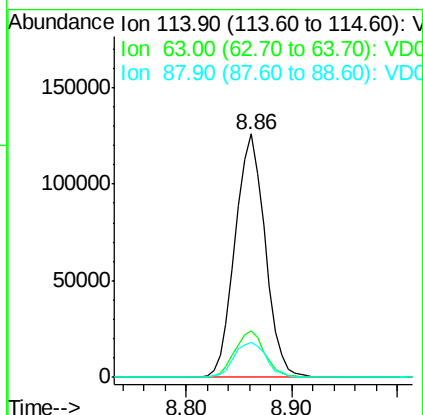
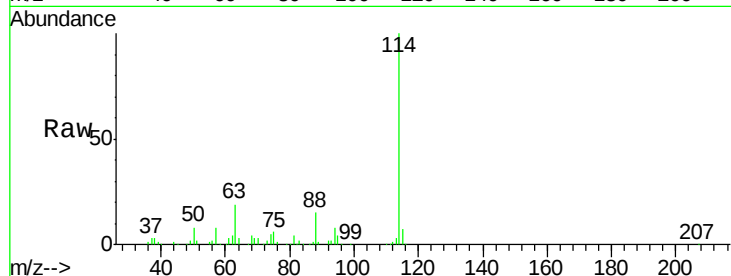




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066498.D
 Acq: 01 Sep 2020 16:11

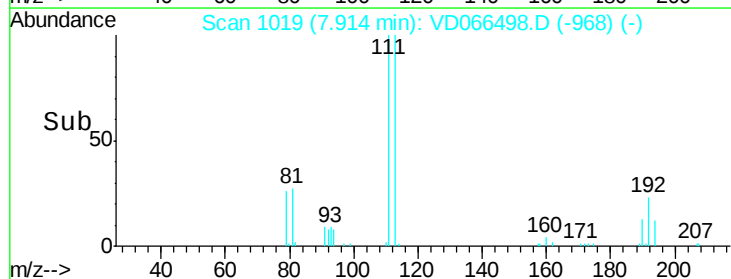
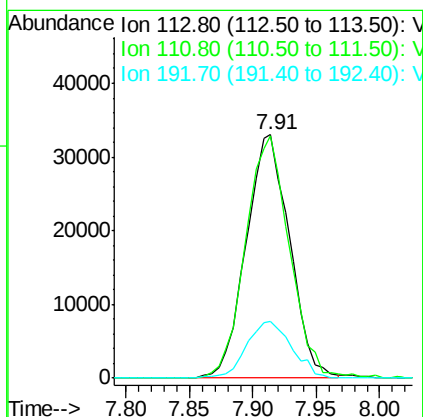
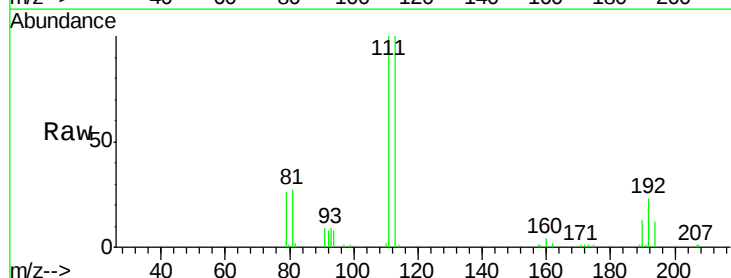
Instrument :
 MSVOA_D
 ClientSampleId :
 238

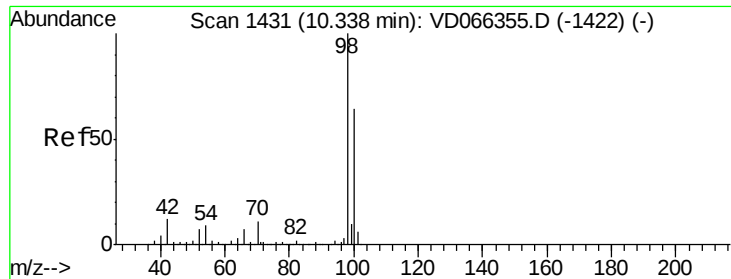
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.8
88	14.6	0.0	35.4



#35
 Dibromofluoromethane
 Concen: 50.599 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066498.D
 Acq: 01 Sep 2020 16:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.3	120.5
192	24.2	19.0	28.6





#50

Toluene-d8

Concen: 52.015 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066498.D

Acq: 01 Sep 2020 16:11

Instrument :

MSVOA_D

ClientSampleId :

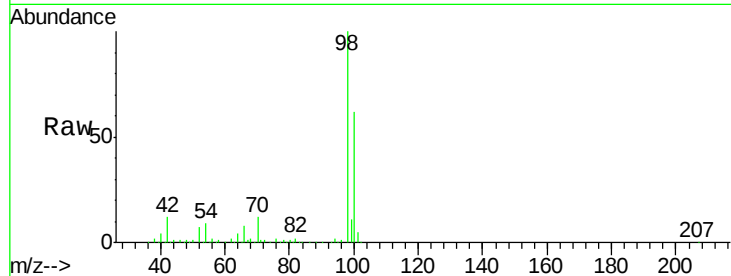
238

Tot Ion: 98 Resp: 295364

Ion Ratio Lower Upper

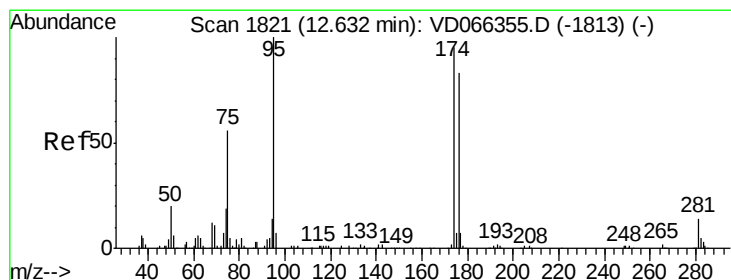
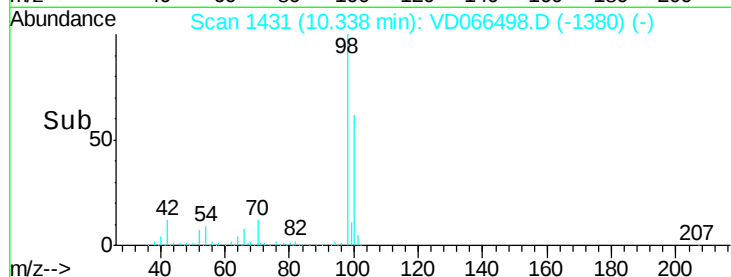
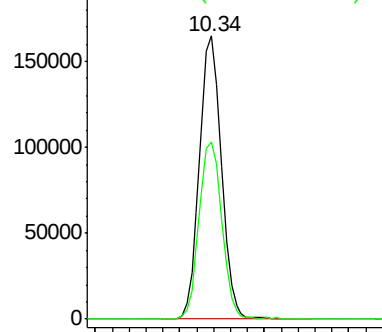
98 100

100 64.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.552 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066498.D

Acq: 01 Sep 2020 16:11

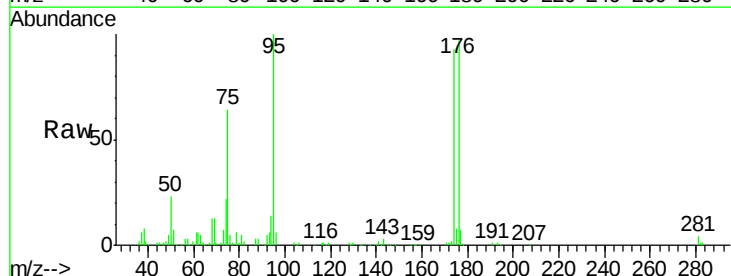
Tgt Ion: 95 Resp: 101861

Ion Ratio Lower Upper

95 100

174 97.6 0.0 183.4

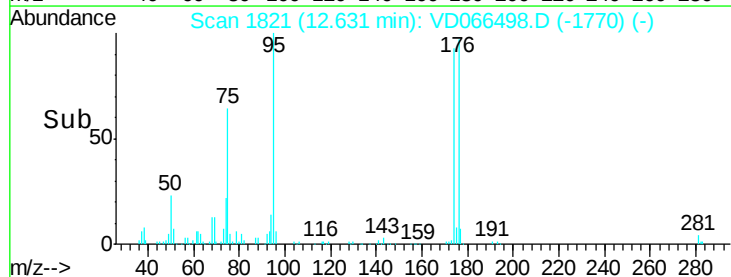
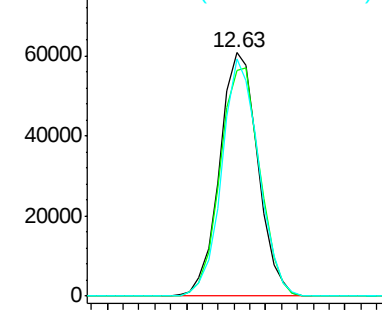
176 94.0 0.0 173.8

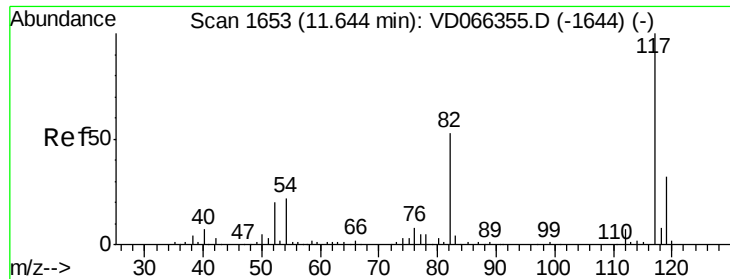


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

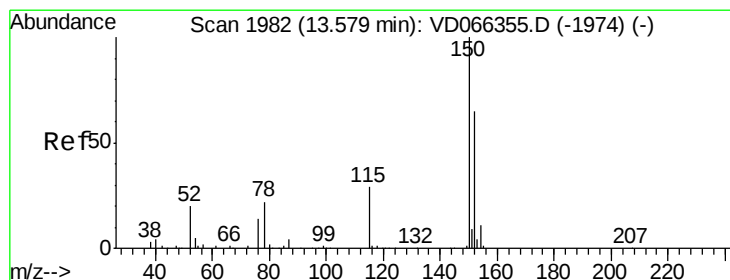
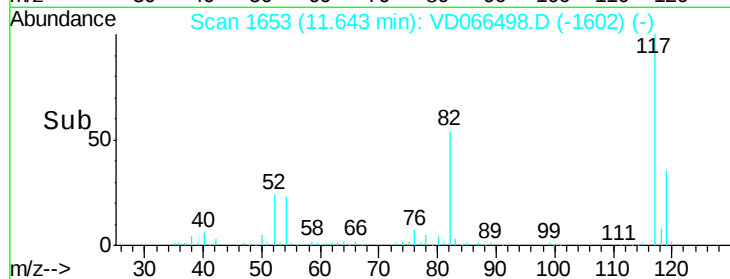
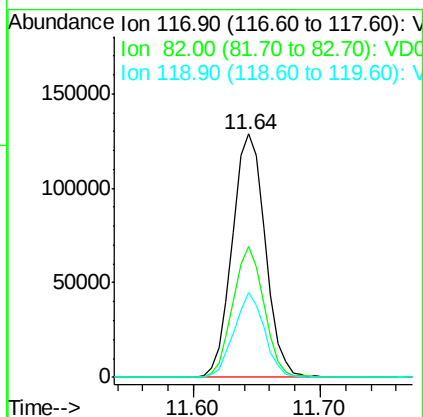
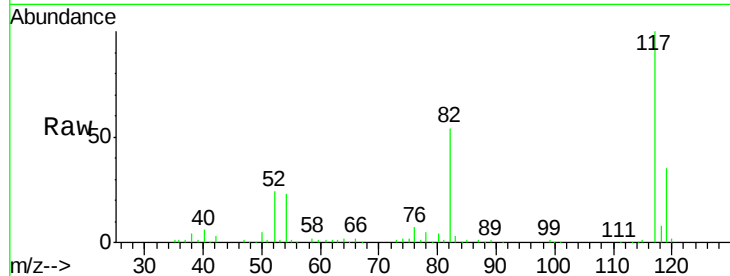




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066498.D
Acq: 01 Sep 2020 16:11

Instrument :
MSVOA_D
ClientSampleId :
238

Tot Ion:117 Resp: 231701
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 34.6 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: VD066498.D
Acq: 01 Sep 2020 16:11

Tgt Ion:152 Resp: 121984
Ion Ratio Lower Upper
152 100
115 55.2 28.3 85.0
150 156.5 0.0 343.2

