

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066500.D
 Acq On : 01 Sep 2020 17:06
 Operator : VA/SY
 Sample : L3851-10
 Misc : 7.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 24743

Quant Time: Sep 02 01:35:31 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	163302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	233487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	222073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	108058	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	91837	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	
35) Dibromofluoromethane	7.91	113	72616	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.34	98	274319	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.63	95	99940	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

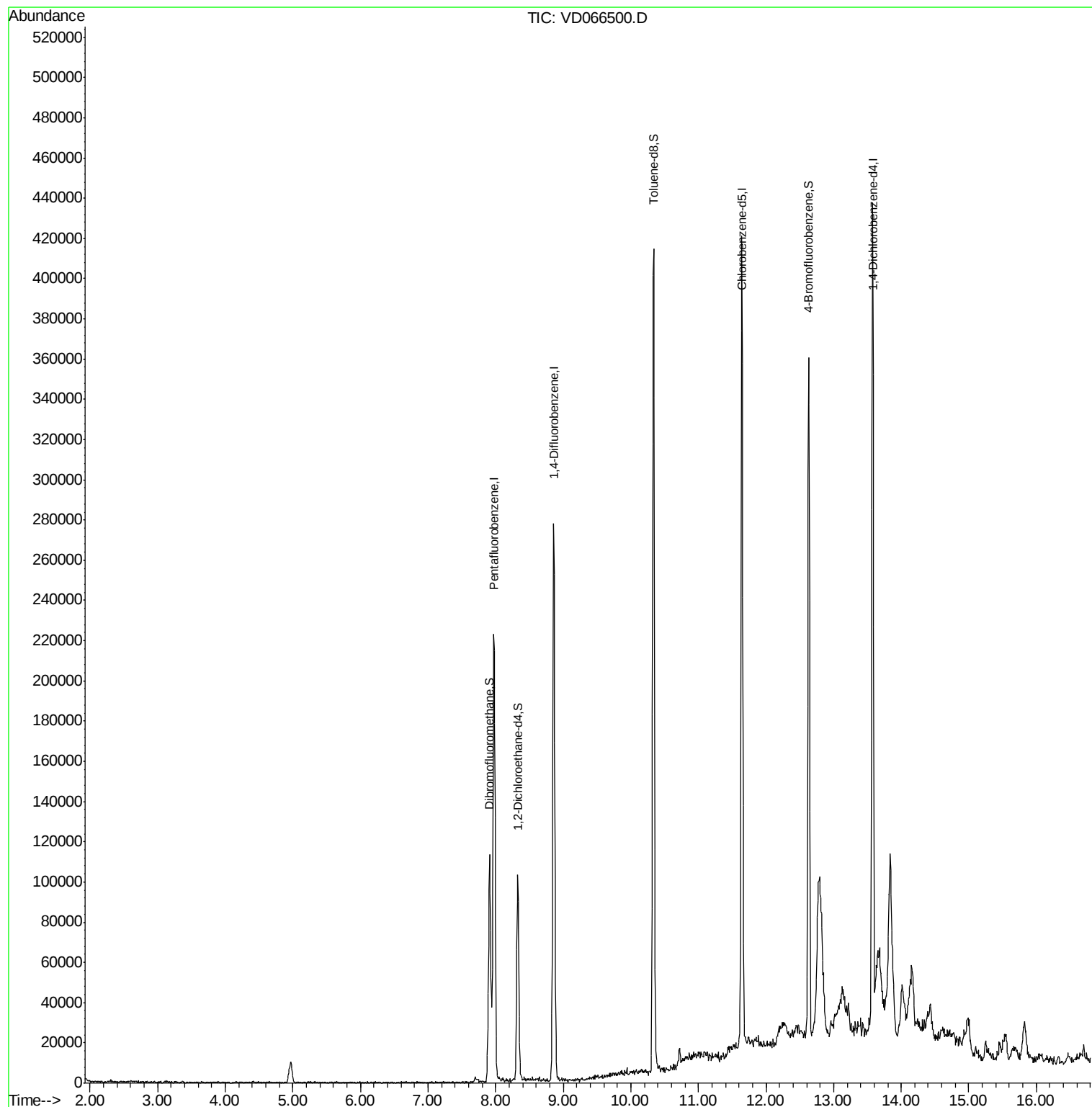
Target Compounds	Qvalue

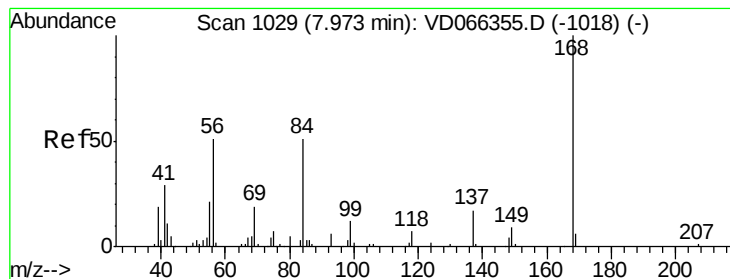
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066500.D

Acq: 01 Sep 2020 17:06

Instrument :

MSVOA_D

ClientSampled :

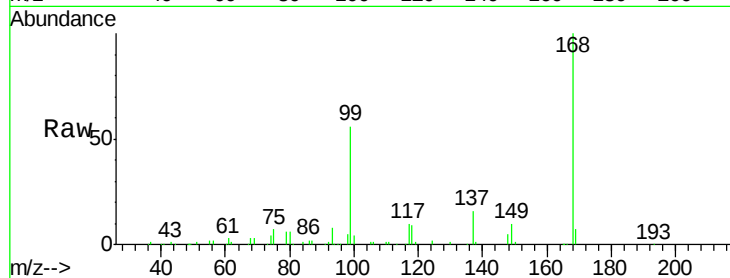
24743

Tot Ion:168 Resp: 163302

Ion Ratio Lower Upper

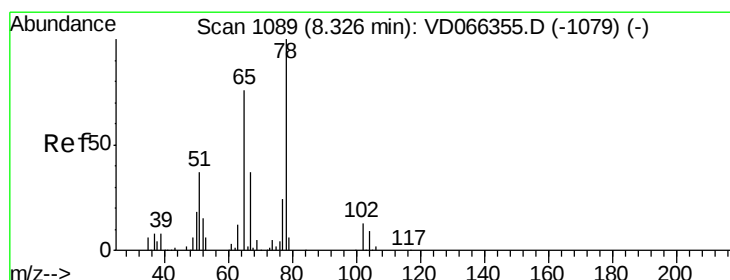
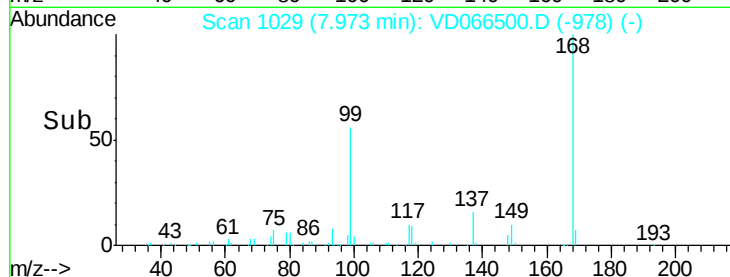
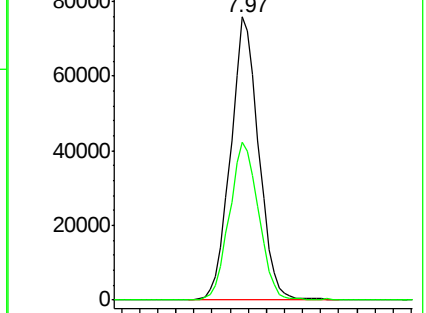
168 100

99 55.6 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: 57.362 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066500.D

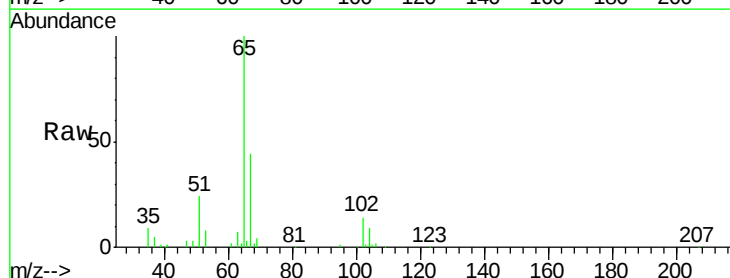
Acq: 01 Sep 2020 17:06

Tgt Ion: 65 Resp: 91837

Ion Ratio Lower Upper

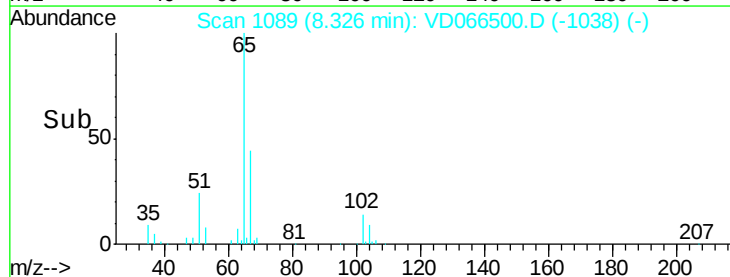
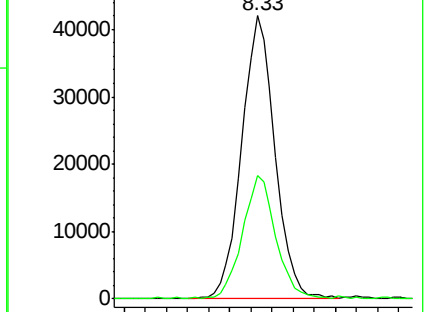
65 100

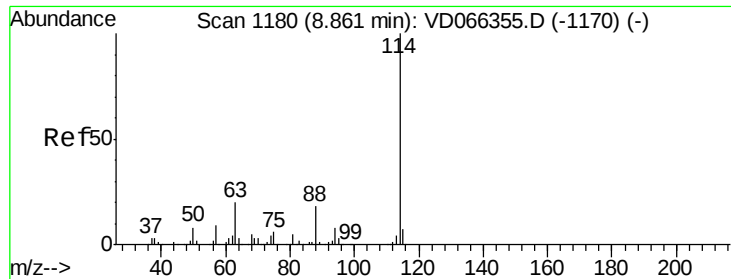
67 43.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

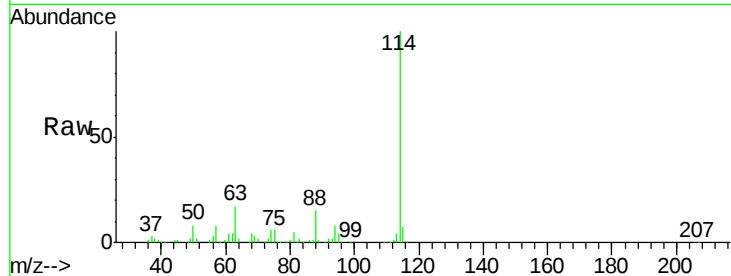




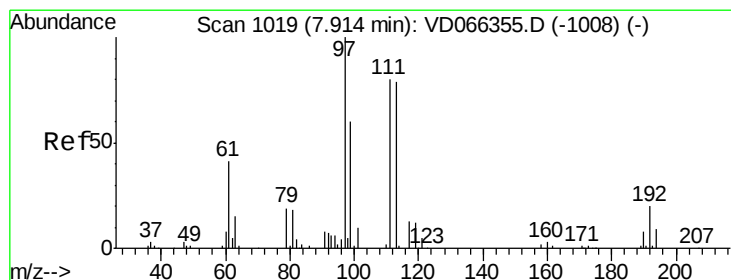
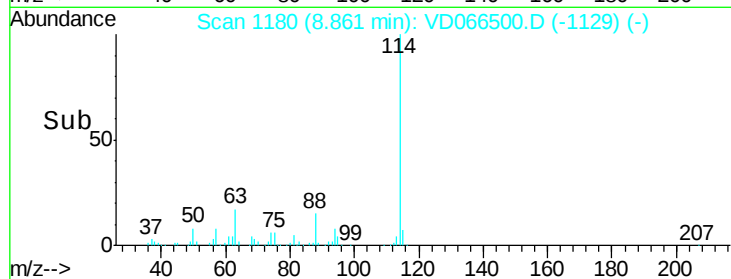
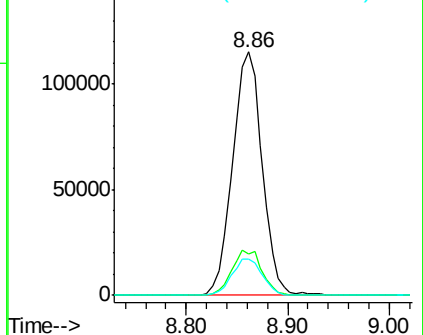
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066500.D
 Acq: 01 Sep 2020 17:06

Instrument :
 MSVOA_D
 ClientSampleId :
 24743

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	40.8
88	15.1	0.0	35.4

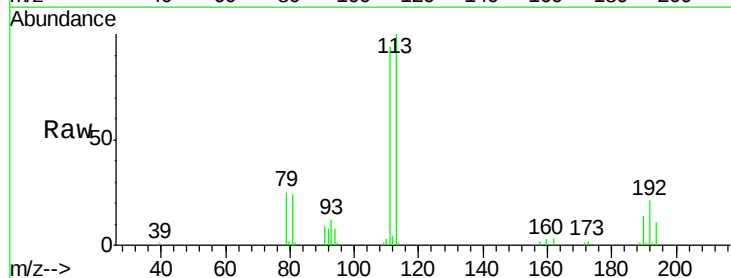


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

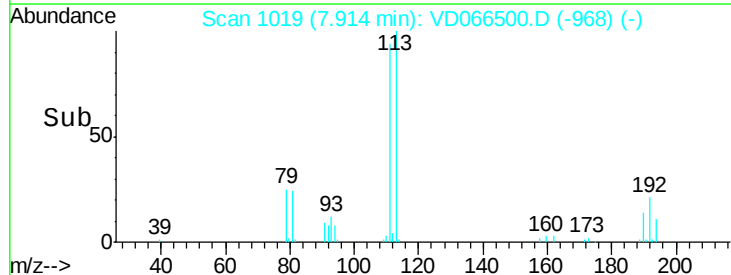
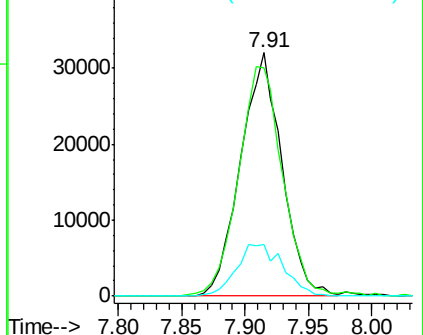


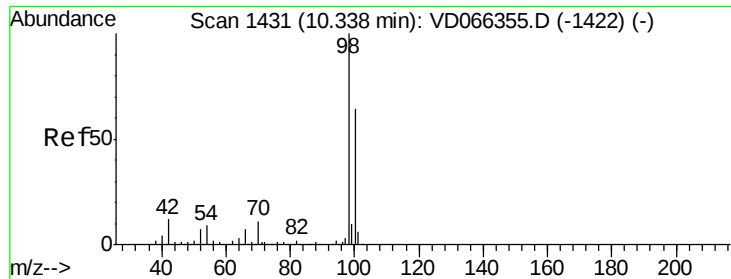
#35
 Dibromofluoromethane
 Concen: 49.736 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066500.D
 Acq: 01 Sep 2020 17:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.3	80.3	120.5
192	23.9	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: 51.351 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066500.D

Acq: 01 Sep 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

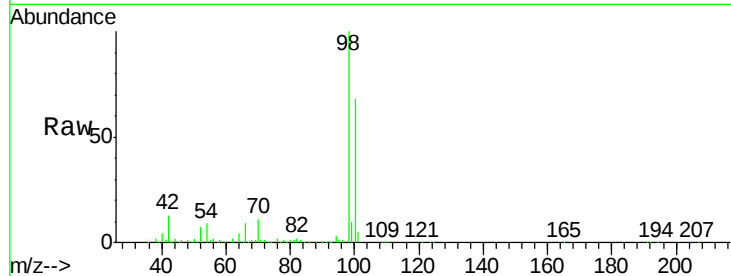
24743

Tot Ion: 98 Resp: 274319

Ion Ratio Lower Upper

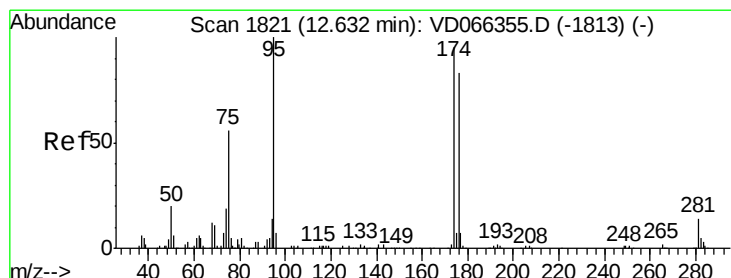
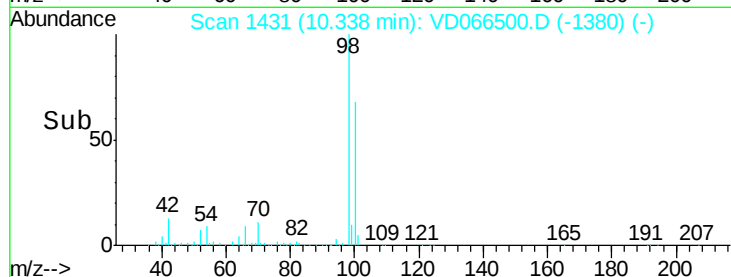
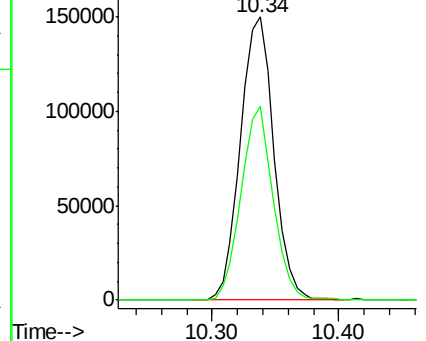
98 100

100 65.5 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: 52.723 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066500.D

Acq: 01 Sep 2020 17:06

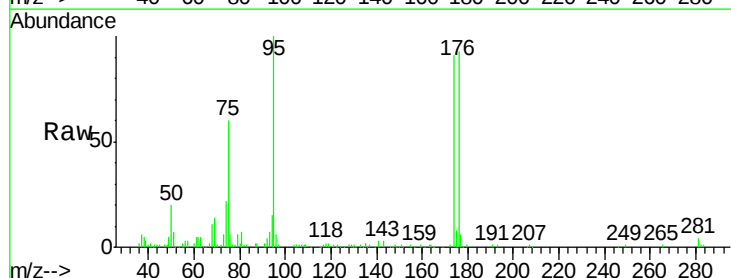
Tgt Ion: 95 Resp: 99940

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.4

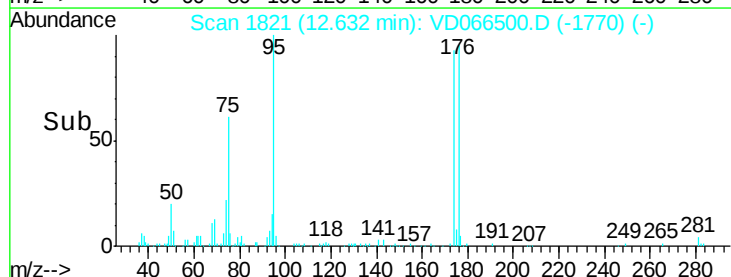
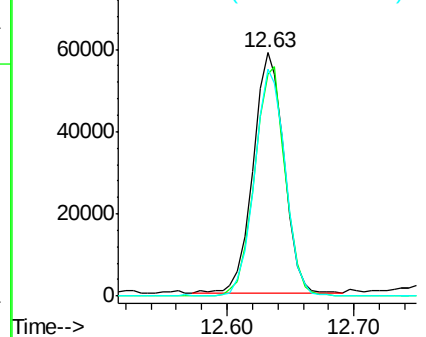
176 93.2 0.0 173.8

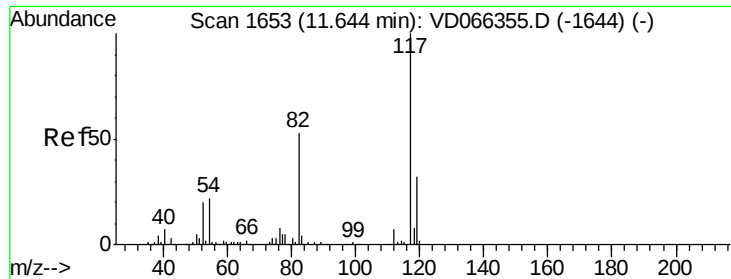


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

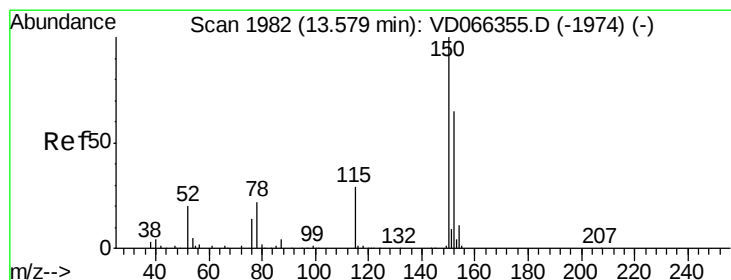
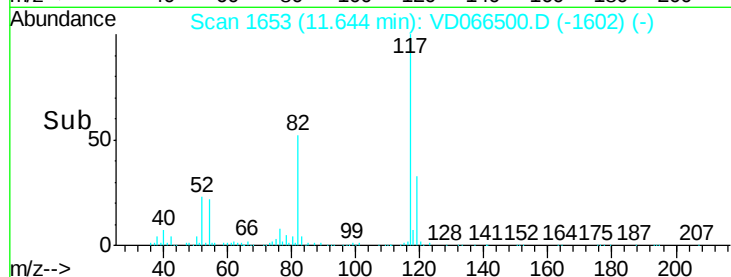
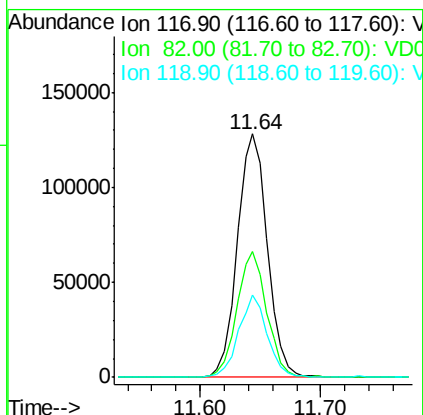
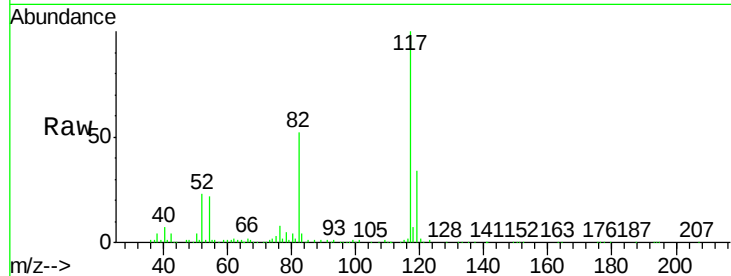




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066500.D
Acq: 01 Sep 2020 17:06

Instrument :
MSVOA_D
ClientSampleId :
24743

Tot Ion:117 Resp: 222073
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 33.5 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: VD066500.D
Acq: 01 Sep 2020 17:06

Tgt Ion:152 Resp: 108058
Ion Ratio Lower Upper
152 100
115 57.6 28.3 85.0
150 157.3 0.0 343.2

