

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066298.D
 Acq On : 19 Aug 2020 02:41
 Operator : VA/SY
 Sample : L3678-01
 Misc : 9.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BR-1

Quant Time: Aug 19 08:57:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	18138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	28238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	25218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	12264	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	14682	90.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.46%	
35) Dibromofluoromethane	7.91	113	11156	62.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.72%	
50) Toluene-d8	10.34	98	24781	37.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.08%	
62) 4-Bromofluorobenzene	12.63	95	10355	43.52	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.04%	

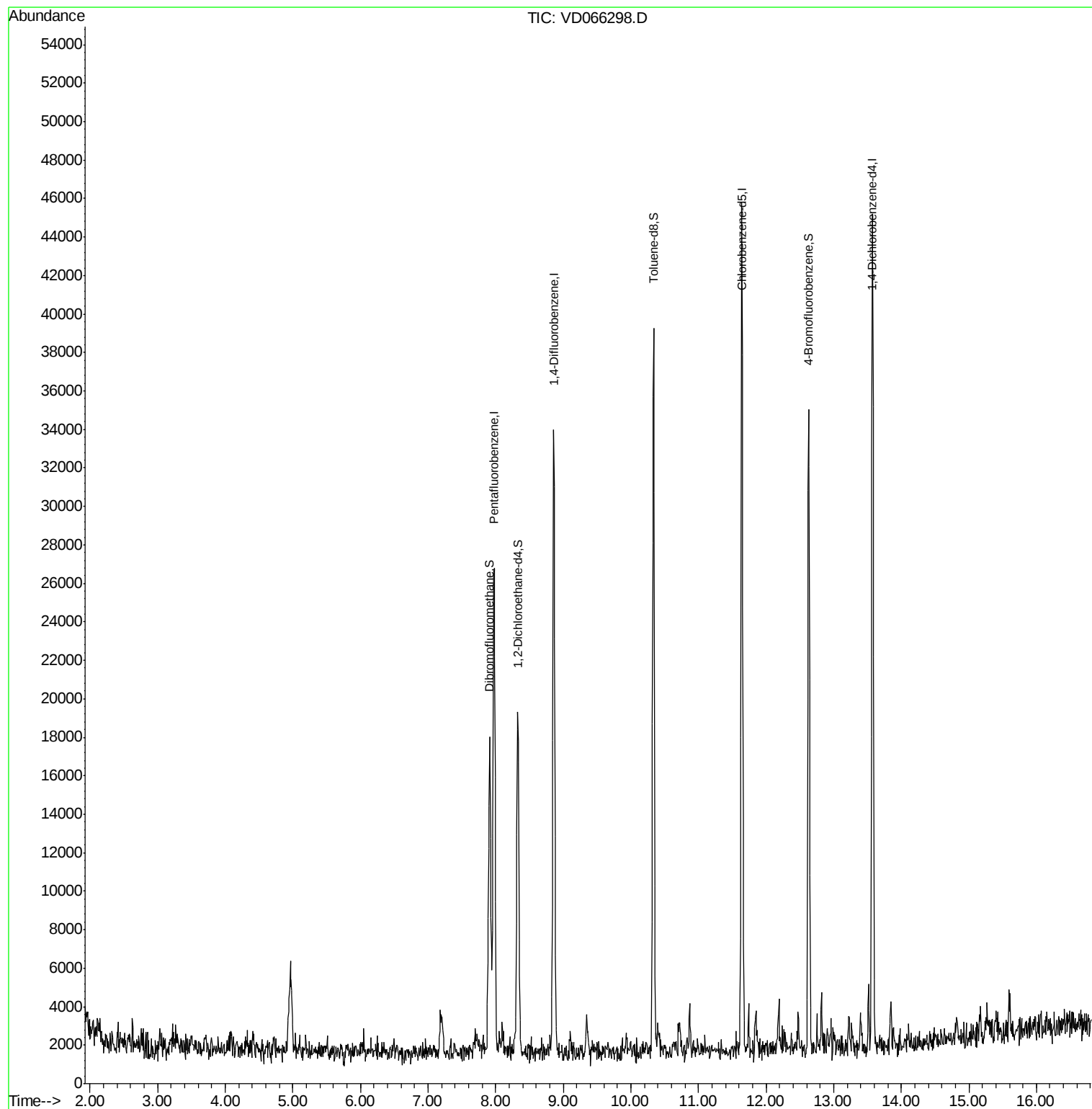
Target Compounds	Qvalue

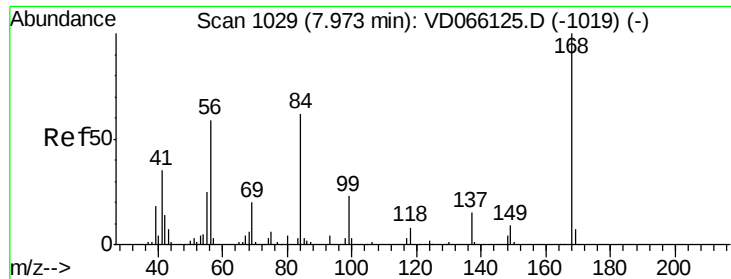
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066298.D

Acq: 19 Aug 2020 02:41

Instrument :

MSVOA_D

ClientSampled :

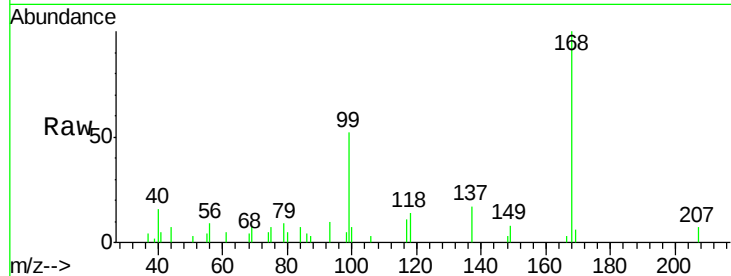
BR-1

Tot Ion:168 Resp: 18138

Ion Ratio Lower Upper

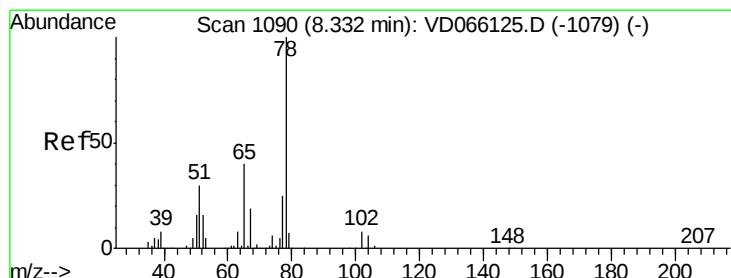
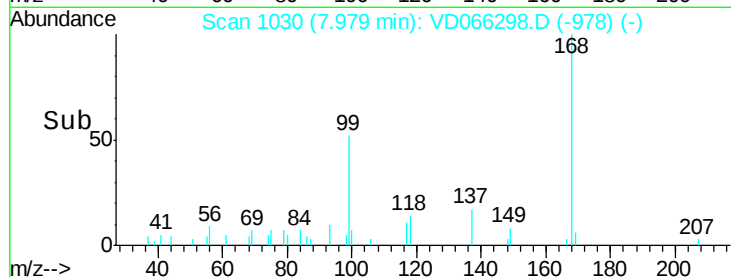
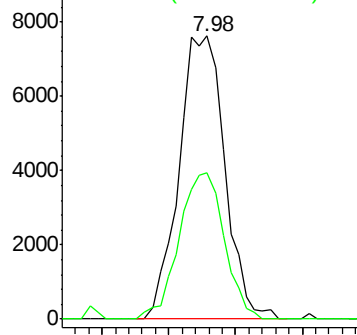
168 100

99 51.8 42.2 63.4



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: 90.731 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066298.D

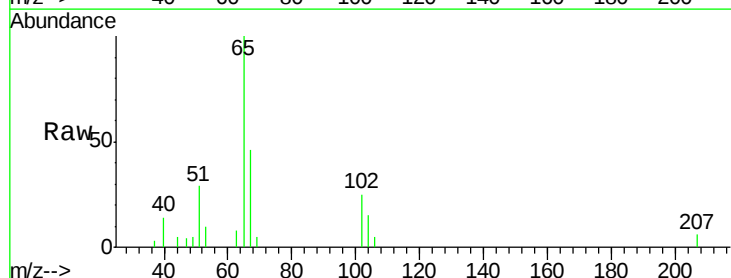
Acq: 19 Aug 2020 02:41

Tgt Ion: 65 Resp: 14682

Ion Ratio Lower Upper

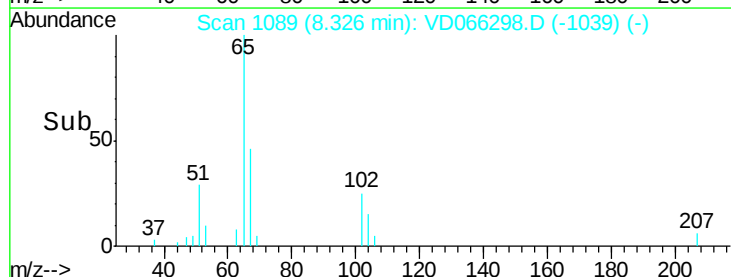
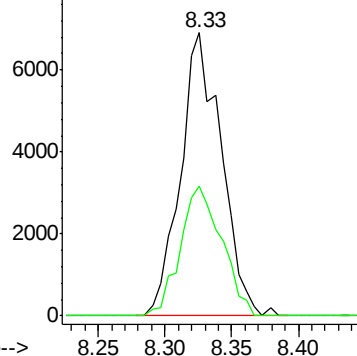
65 100

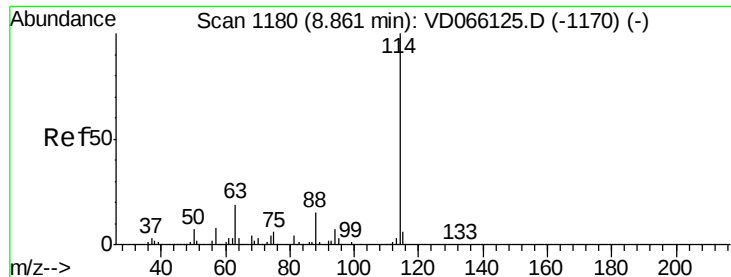
67 46.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

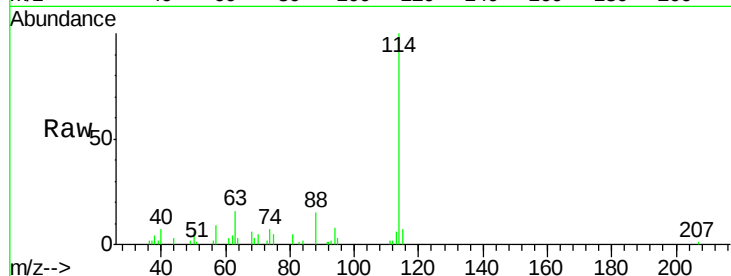




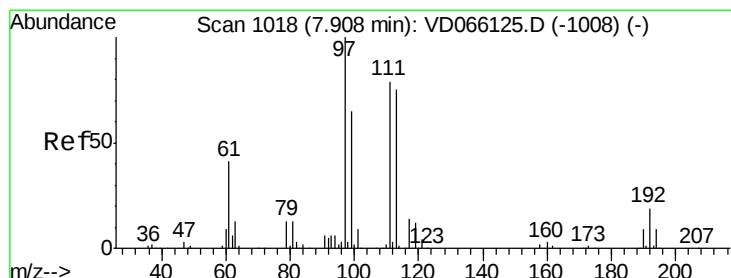
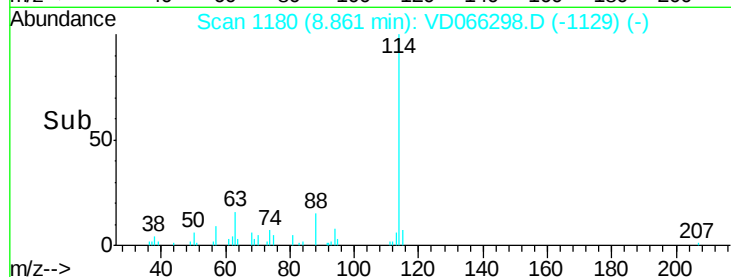
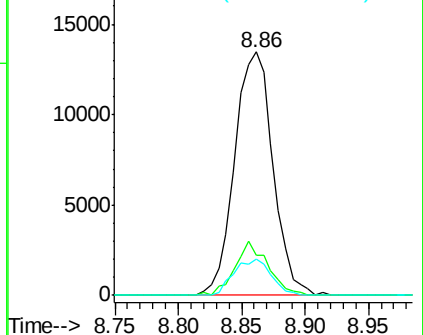
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066298.D
 Acq: 19 Aug 2020 02:41

Instrument :
 MSVOA_D
 ClientSampleId :
 BR-1

Tot Ion:114 Resp: 28238
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 38.6
 88 15.1 0.0 30.0

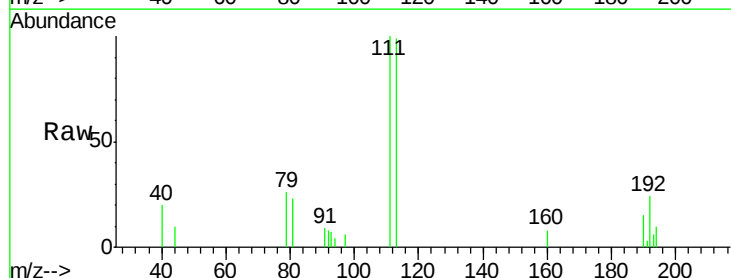


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

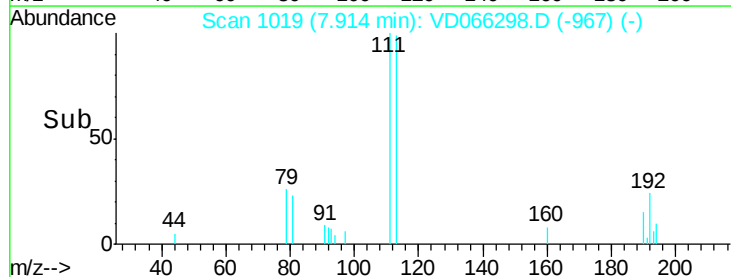
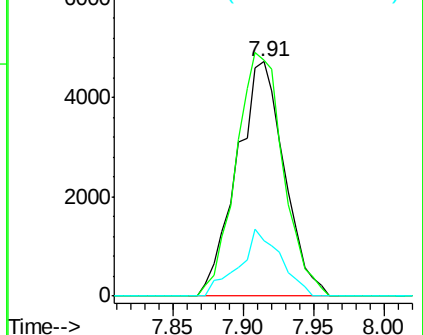


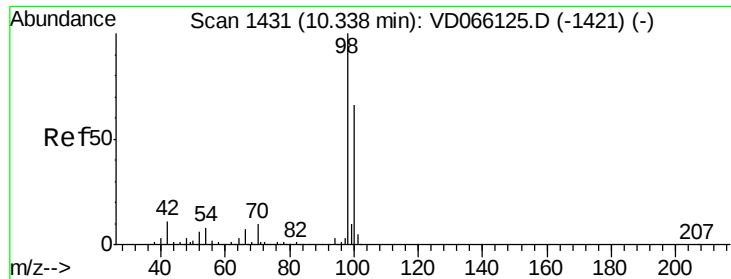
#35
 Dibromofluoromethane
 Concen: 62.364 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066298.D
 Acq: 19 Aug 2020 02:41

Tgt Ion:113 Resp: 11156
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.7 121.1
 192 24.8 18.4 27.6



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: 37.540 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066298.D

Acq: 19 Aug 2020 02:41

Instrument :

MSVOA_D

ClientSampleId :

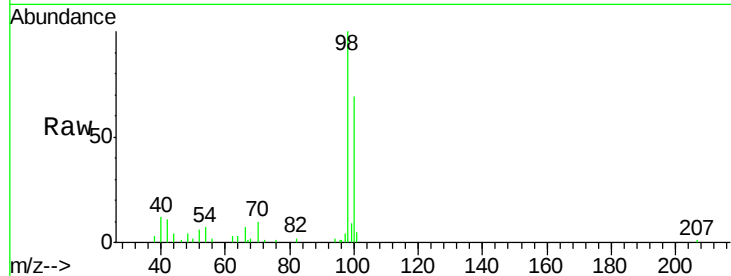
BR-1

Tot Ion: 98 Resp: 24781

Ion Ratio Lower Upper

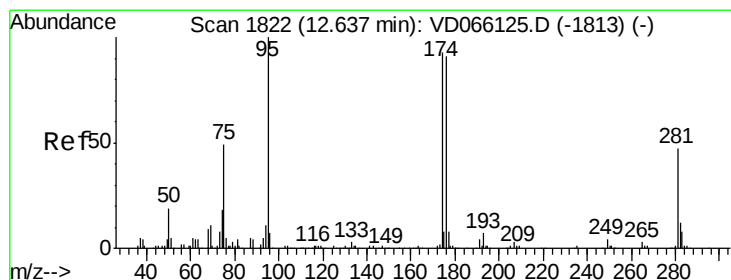
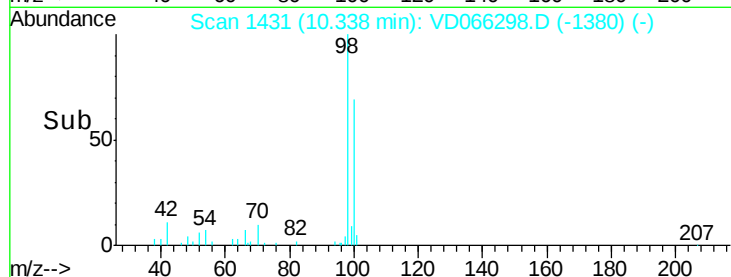
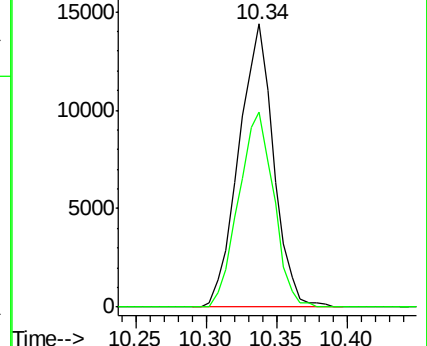
98 100

100 69.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 43.517 ug/l

RT: 12.63 min Scan# 1820

Delta R.T. -0.01 min

Lab File: VD066298.D

Acq: 19 Aug 2020 02:41

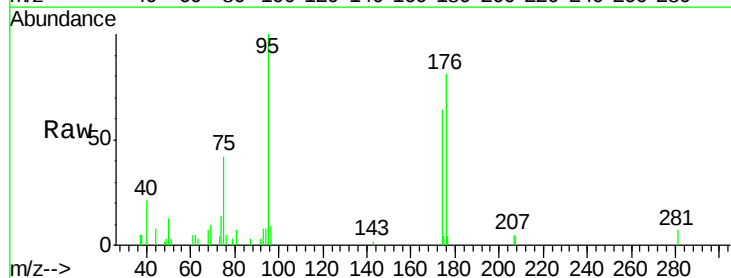
Tgt Ion: 95 Resp: 10355

Ion Ratio Lower Upper

95 100

174 96.2 0.0 180.8

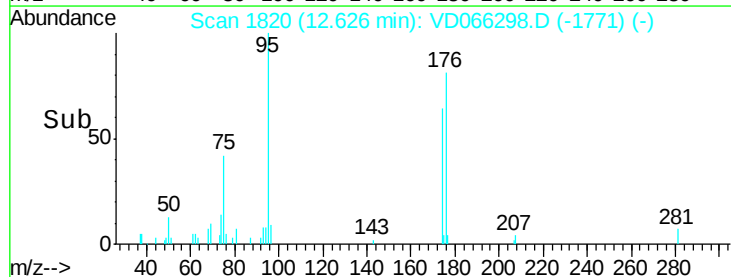
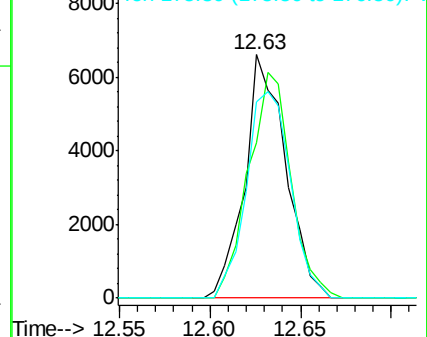
176 92.3 0.0 181.2

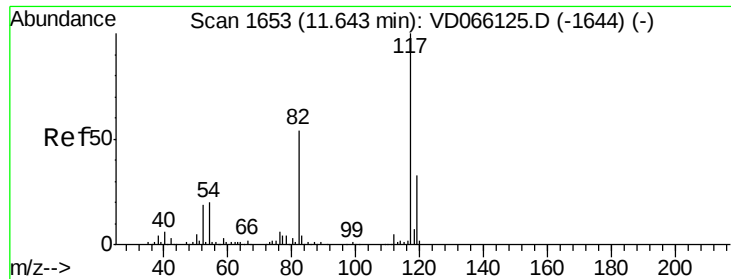


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

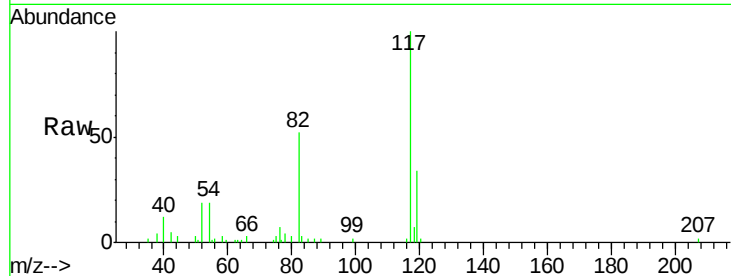




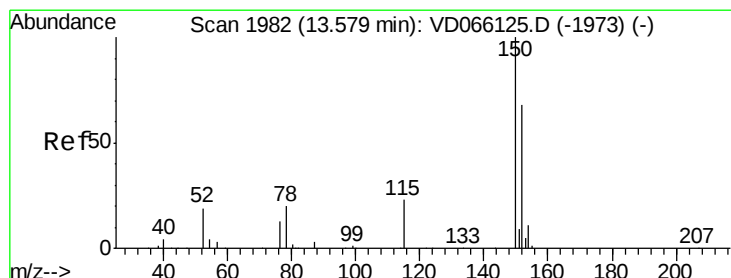
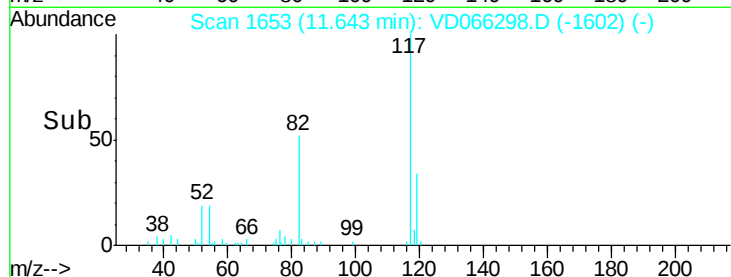
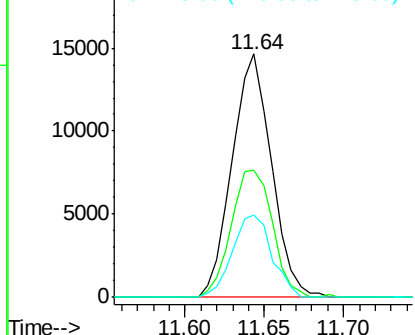
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066298.D
Acq: 19 Aug 2020 02:41

Instrument :
MSVOA_D
ClientSampleId :
BR-1

Tot Ion:117 Resp: 25218
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 34.0 26.1 39.1

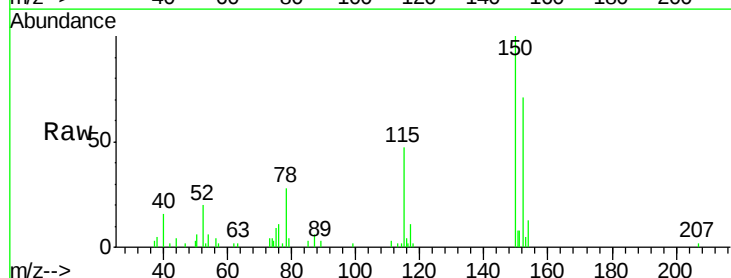


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066298.D
Acq: 19 Aug 2020 02:41

Tgt Ion:152 Resp: 12264
Ion Ratio Lower Upper
152 100
115 58.8 28.0 83.9
150 148.7 0.0 346.4



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

