

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066446.D
 Acq On : 27 Aug 2020 19:34
 Operator : VA/SY
 Sample : L3823-06
 Misc : 7.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP05-1824-01

Quant Time: Aug 28 02:24:30 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	179433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	250709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	236004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	124925	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	98487	55.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.98%	
35) Dibromofluoromethane	7.91	113	79040	50.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.84%	
50) Toluene-d8	10.33	98	296128	51.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.63	95	103893	51.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.08%	

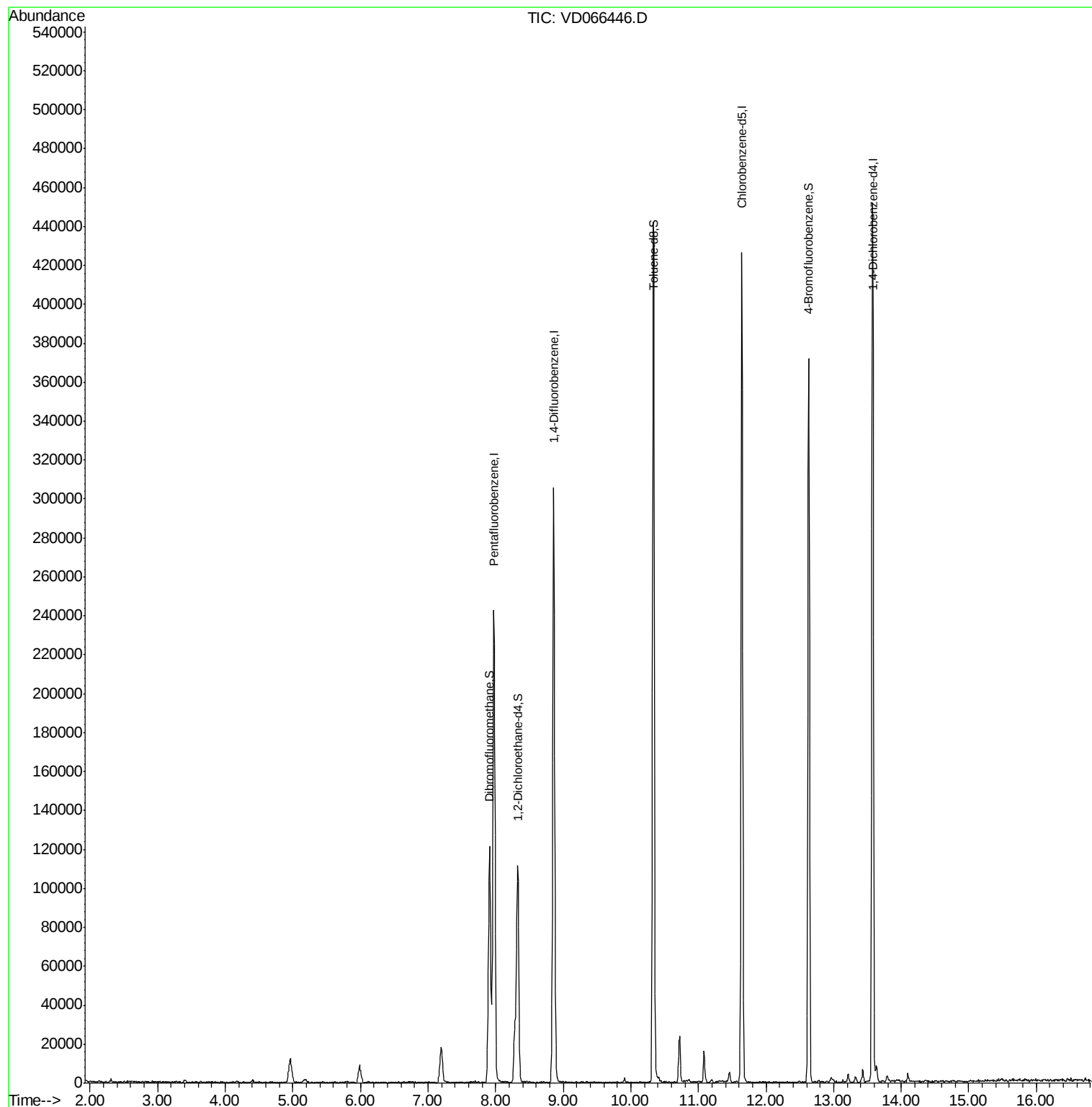
Target Compounds	Qvalue

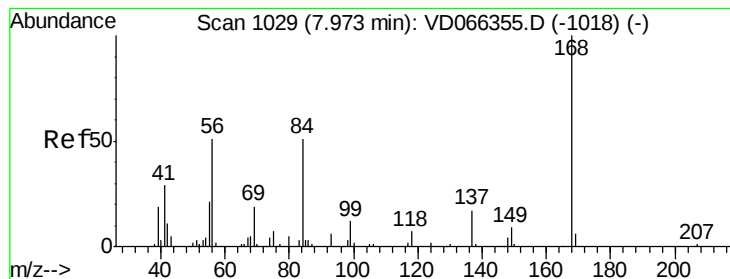
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066446.D

Acq: 27 Aug 2020 19:34

Instrument :

MSVOA_D

ClientSampleId :

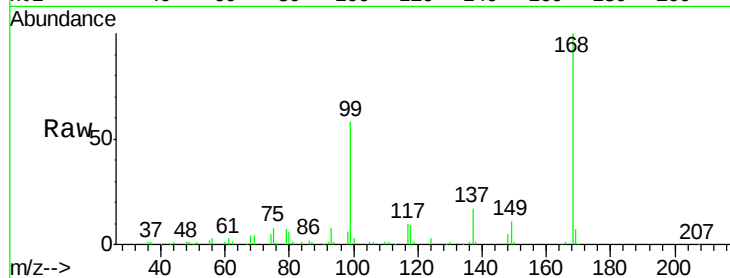
789UMR-TP05-1824-01

Tot Ion:168 Resp: 179433

Ion Ratio Lower Upper

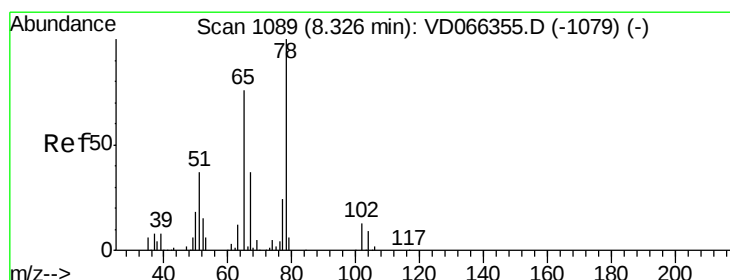
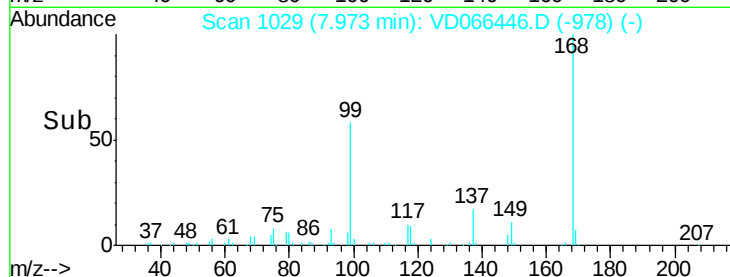
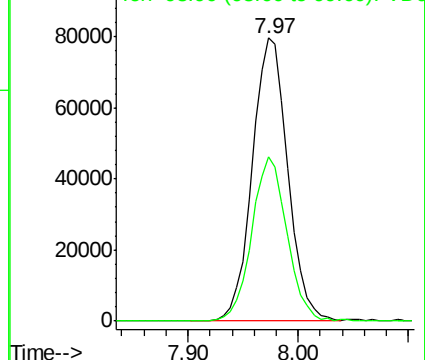
168 100

99 58.0 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: 55.986 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066446.D

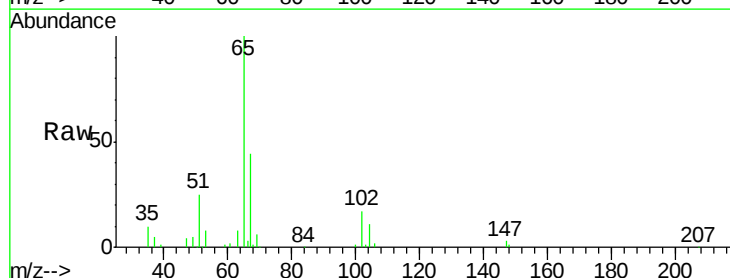
Acq: 27 Aug 2020 19:34

Tgt Ion: 65 Resp: 98487

Ion Ratio Lower Upper

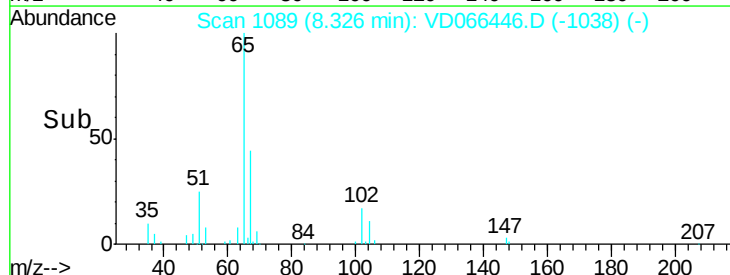
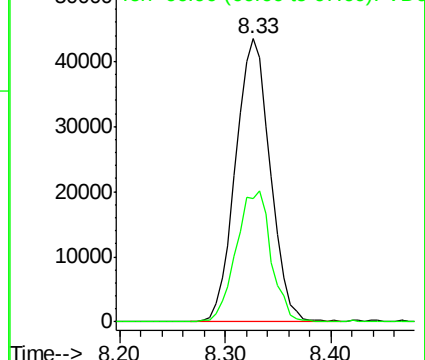
65 100

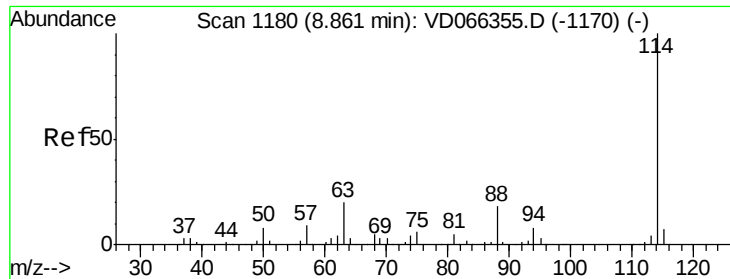
67 46.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

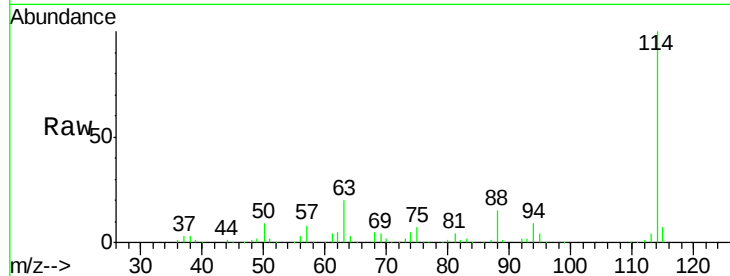




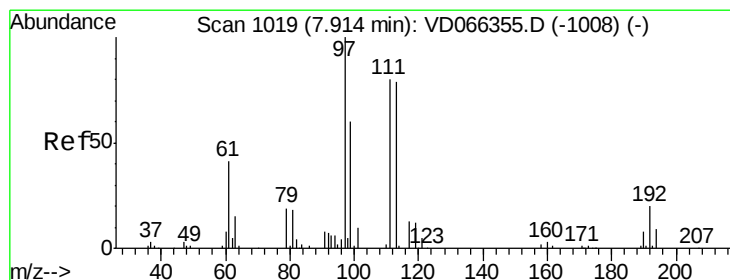
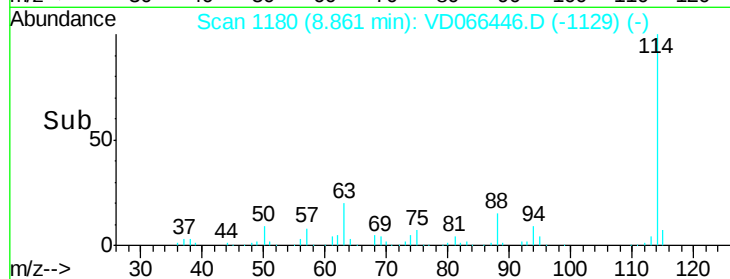
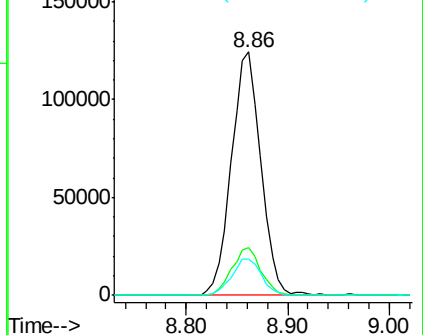
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066446.D
 Acq: 27 Aug 2020 19:34

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP05-1824-01

Tot Ion:114 Resp: 250709
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.1 0.0 35.4

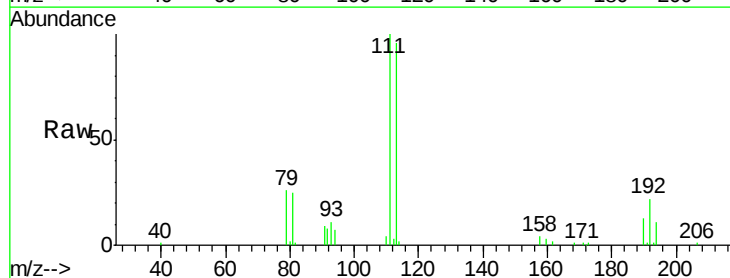


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

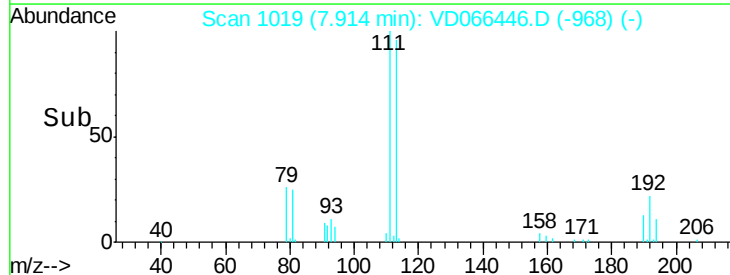
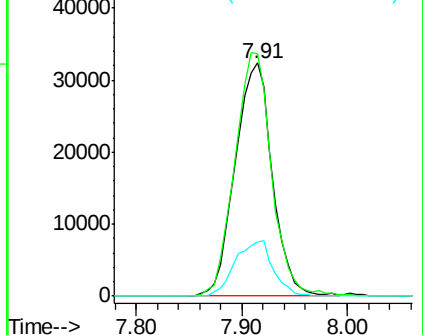


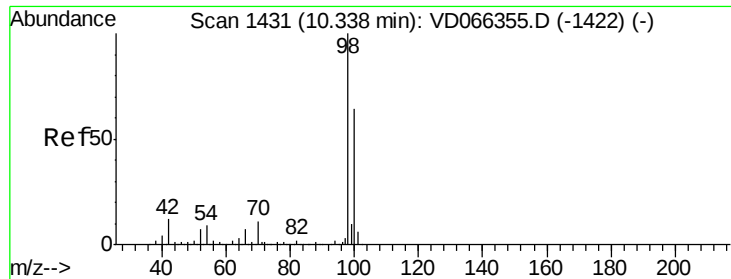
#35
 Dibromofluoromethane
 Concen: 50.418 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066446.D
 Acq: 27 Aug 2020 19:34

Tgt Ion:113 Resp: 79040
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.3 120.5
 192 24.3 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: 51.626 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066446.D

Acq: 27 Aug 2020 19:34

Instrument :

MSVOA_D

ClientSampleId :

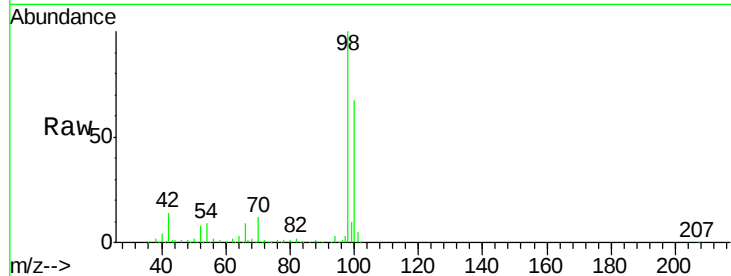
789UMR-TP05-1824-01

Tot Ion: 98 Resp: 296128

Ion Ratio Lower Upper

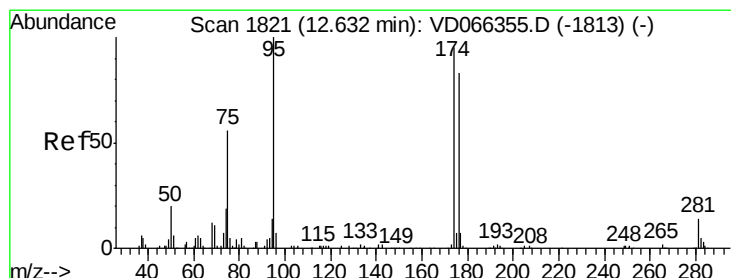
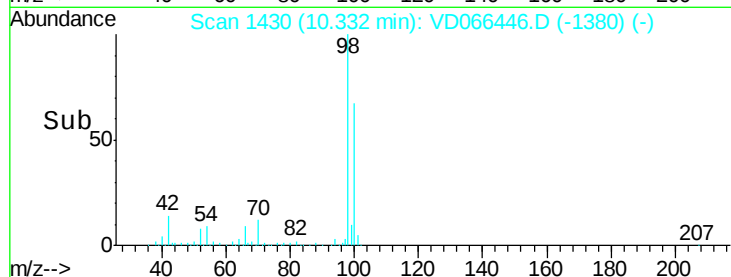
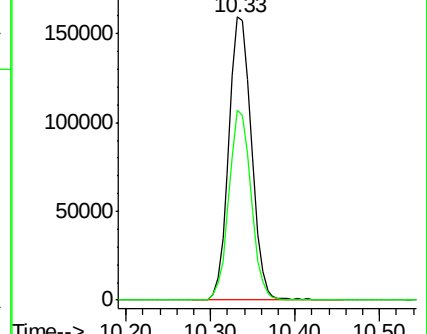
98 100

100 65.4 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: 51.043 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066446.D

Acq: 27 Aug 2020 19:34

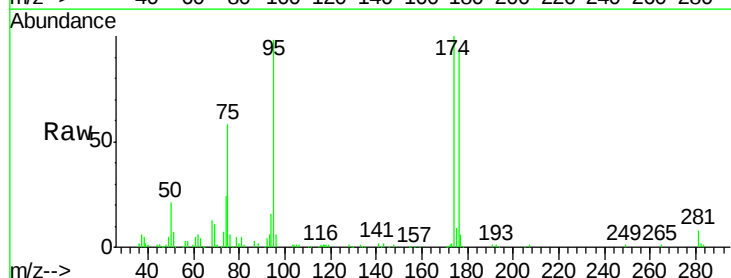
Tgt Ion: 95 Resp: 103893

Ion Ratio Lower Upper

95 100

174 97.7 0.0 183.4

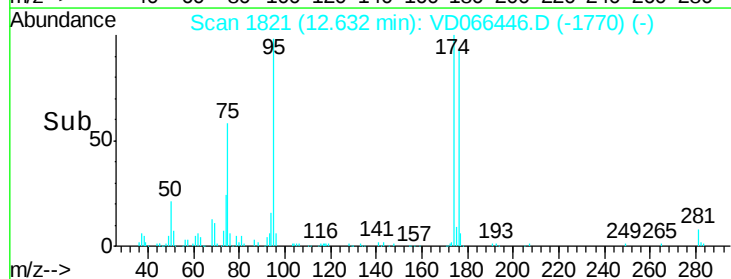
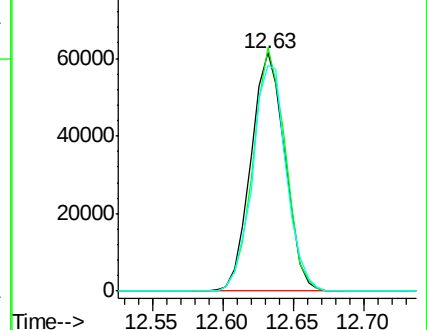
176 95.2 0.0 173.8

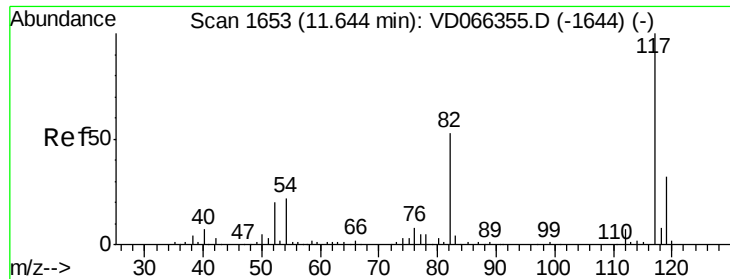


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

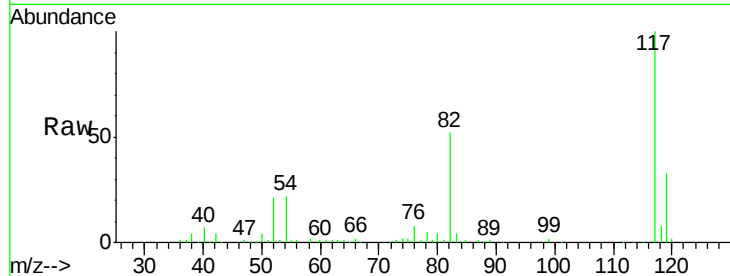




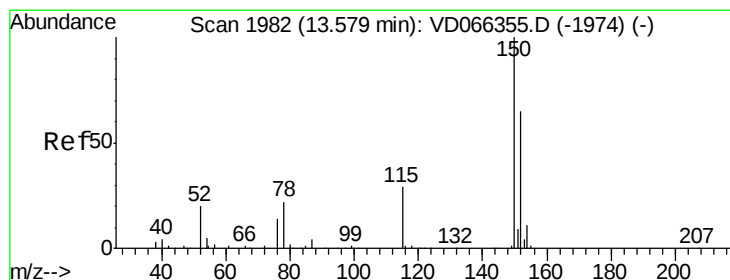
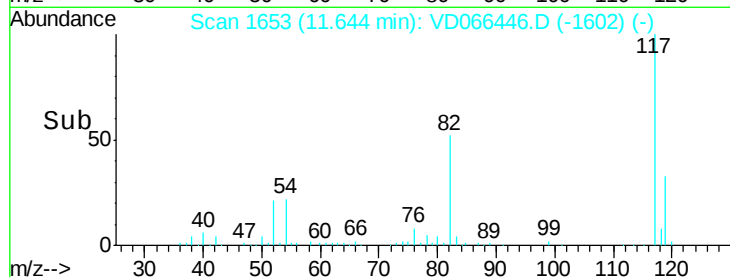
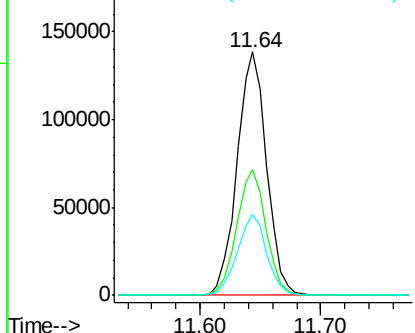
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066446.D
Acq: 27 Aug 2020 19:34

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP05-1824-01

Tot Ion:117 Resp: 236004
Ion Ratio Lower Upper
117 100
82 51.6 42.8 64.2
119 33.1 25.8 38.8

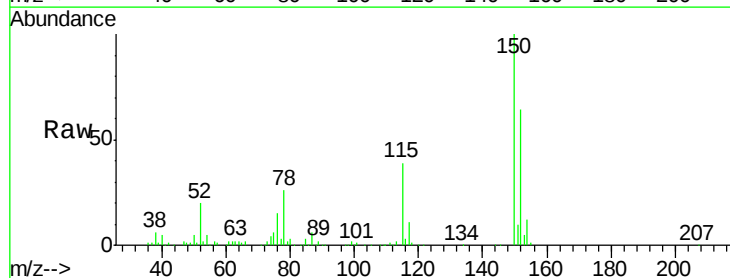


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066446.D
Acq: 27 Aug 2020 19:34

Tgt Ion:152 Resp: 124925
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 156.2 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

