

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066460.D
 Acq On : 28 Aug 2020 15:22
 Operator : VA/SY
 Sample : L3827-05
 Misc : 5.28G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP07-1218-01

Quant Time: Aug 29 01:32:36 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	188848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	263133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	240459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	127691	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	102696	55.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.94%	
35) Dibromofluoromethane	7.91	113	81340	49.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.86%	
50) Toluene-d8	10.34	98	303022	50.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.63	95	107390	50.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.54%	

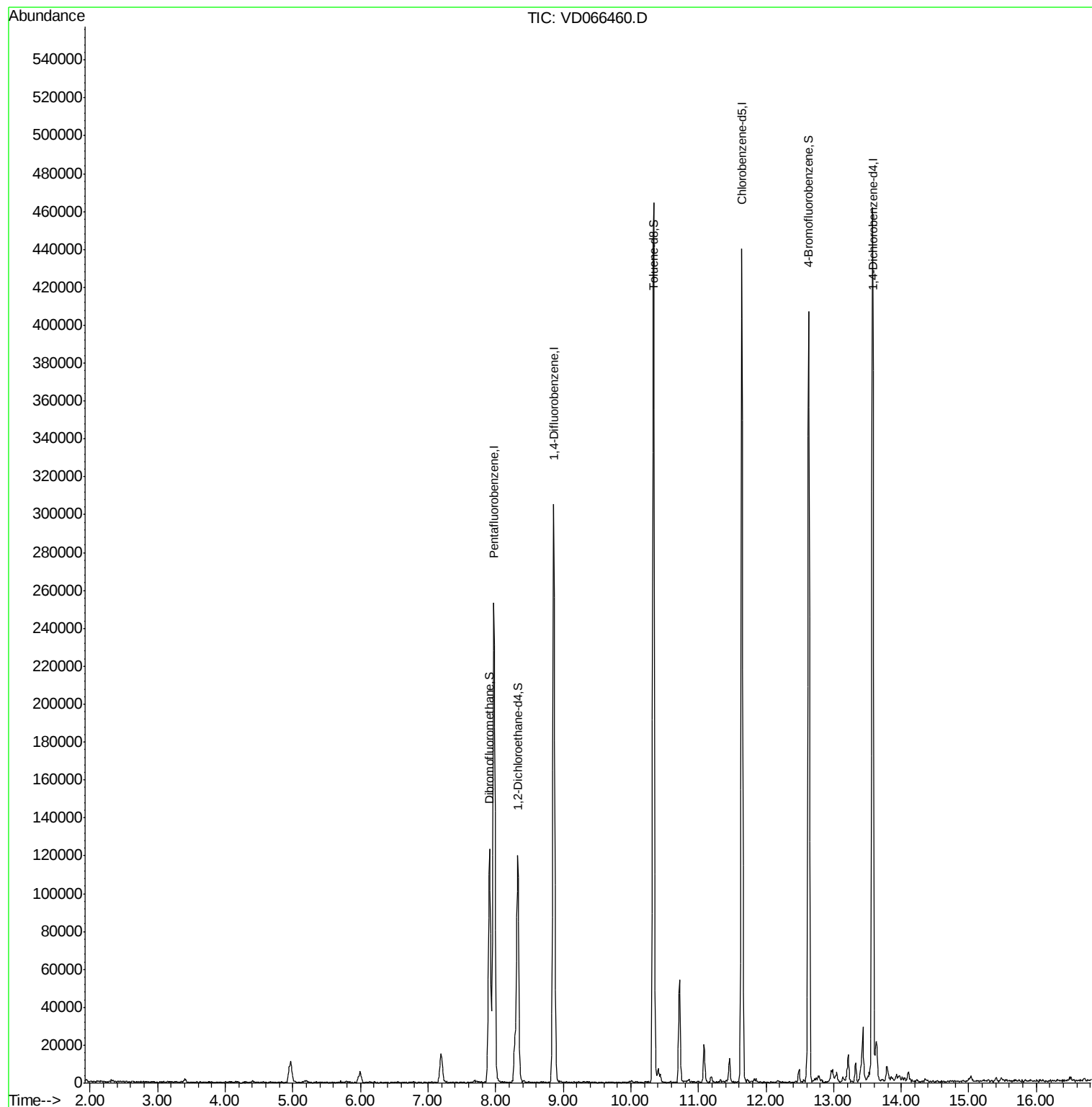
Target Compounds	Qvalue

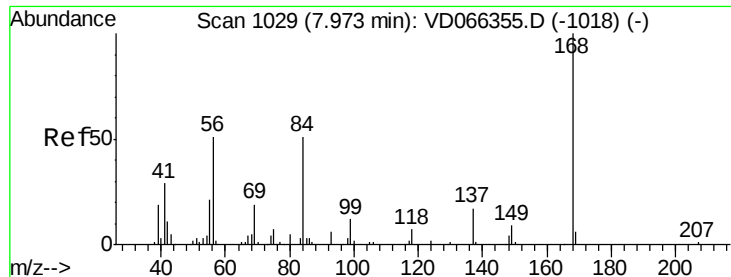
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066460.D

Acq: 28 Aug 2020 15:22

Instrument :

MSVOA_D

ClientSampleId :

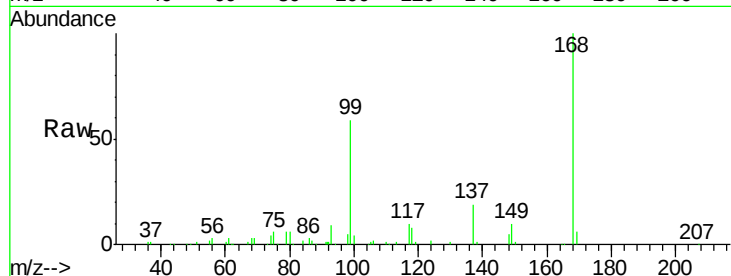
789UMR-TP07-1218-01

Tot Ion:168 Resp: 188848

Ion Ratio Lower Upper

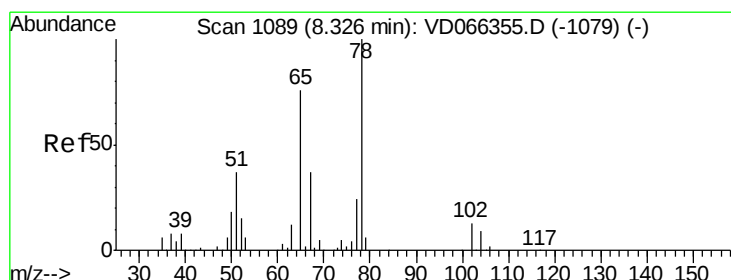
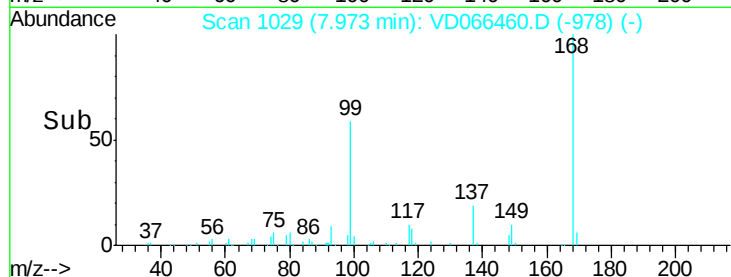
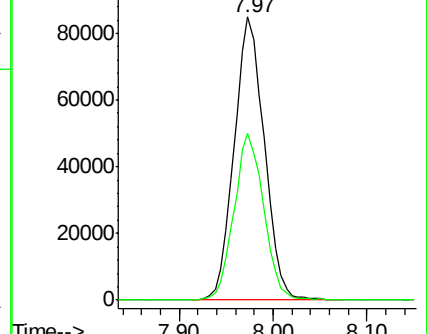
168 100

99 59.1 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: 55.468 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066460.D

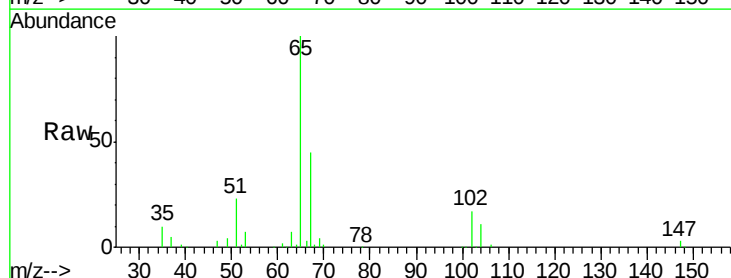
Acq: 28 Aug 2020 15:22

Tgt Ion: 65 Resp: 102696

Ion Ratio Lower Upper

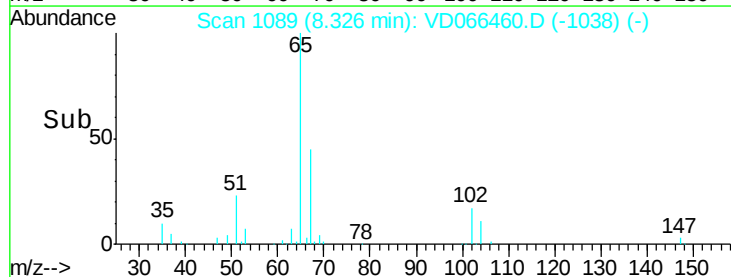
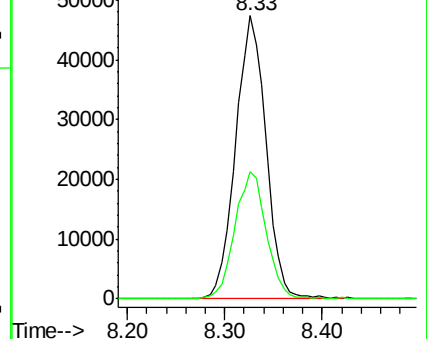
65 100

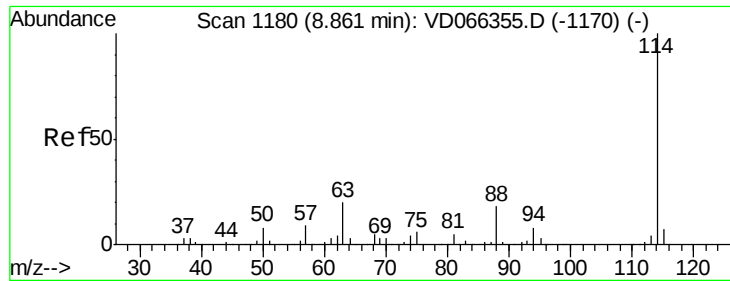
67 46.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

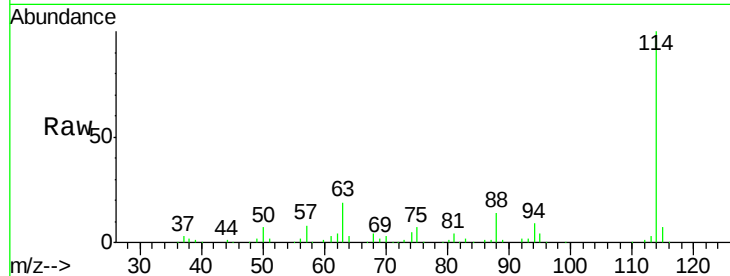




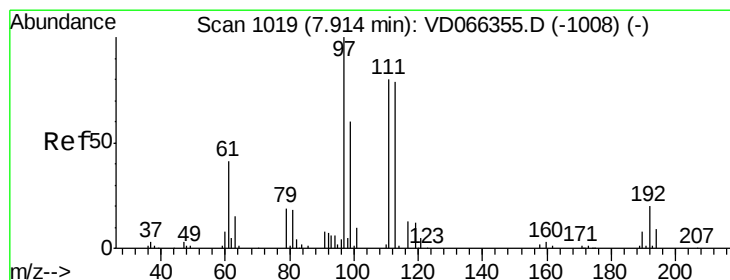
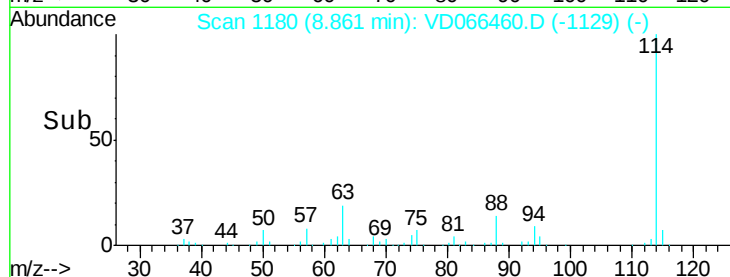
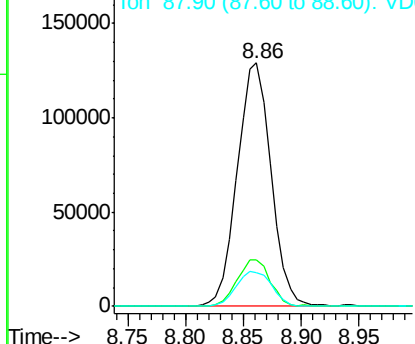
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066460.D
 Acq: 28 Aug 2020 15:22

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP07-1218-01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.8
88	13.7	0.0	35.4

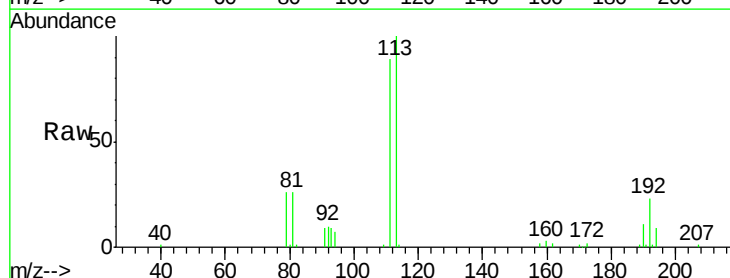


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

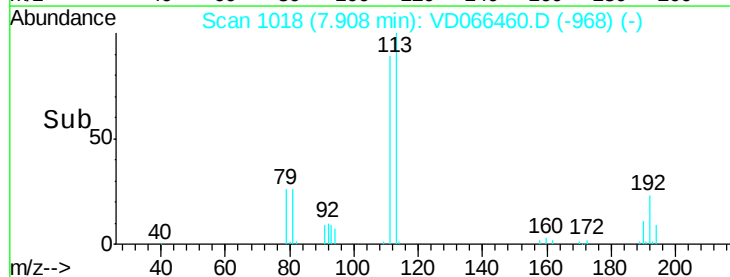
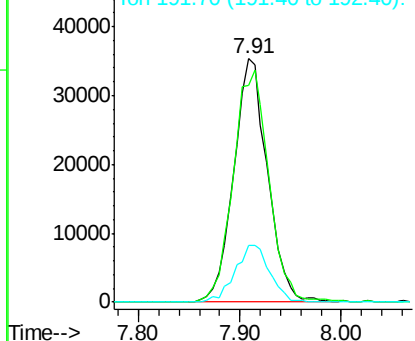


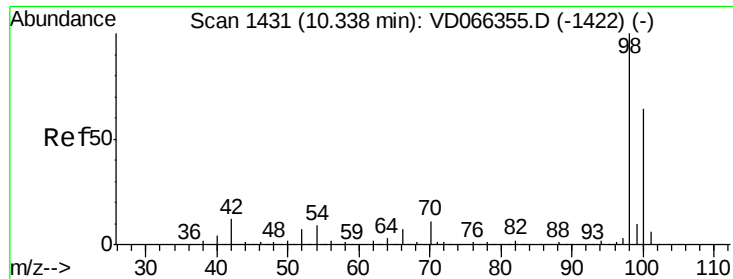
#35
 Dibromofluoromethane
 Concen: 49.435 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066460.D
 Acq: 28 Aug 2020 15:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.3	120.5
192	24.0	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

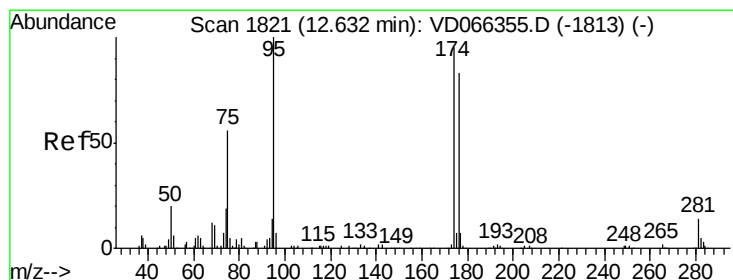
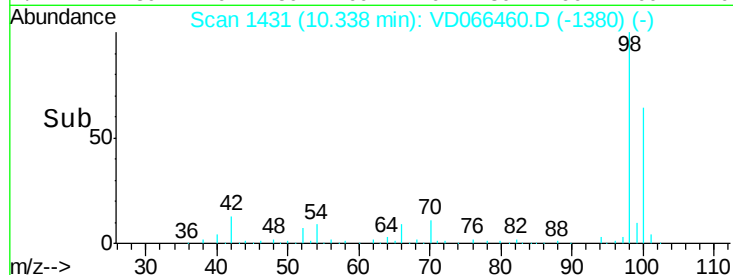
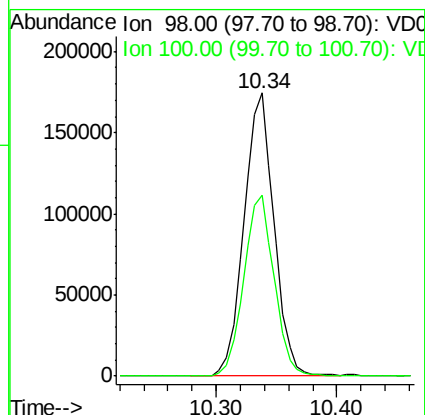
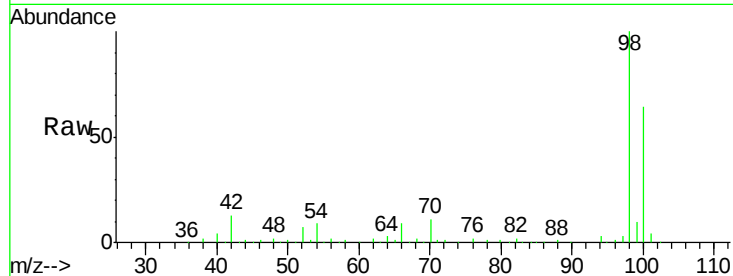




#50
Toluene-d8
Concen: 50.334 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066460.D
Acq: 28 Aug 2020 15:22

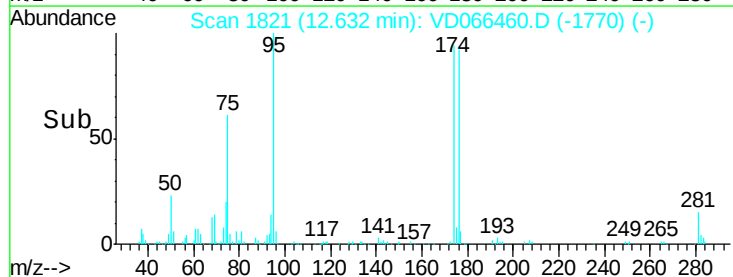
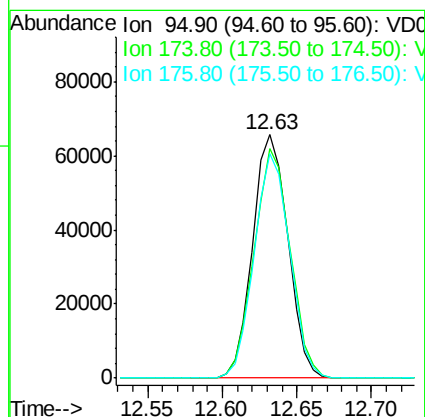
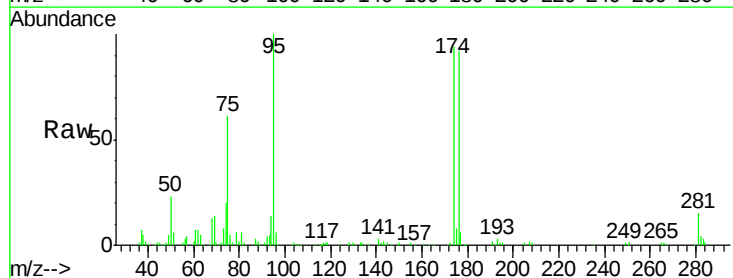
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP07-1218-01

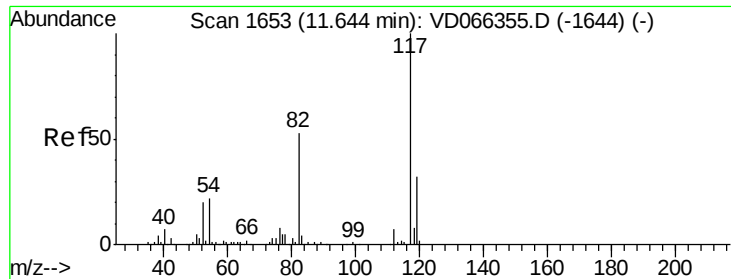
Tot Ion: 98 Resp: 303022
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.270 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066460.D
Acq: 28 Aug 2020 15:22

Tgt Ion: 95 Resp: 107390
Ion Ratio Lower Upper
95 100
174 96.2 0.0 183.4
176 93.0 0.0 173.8

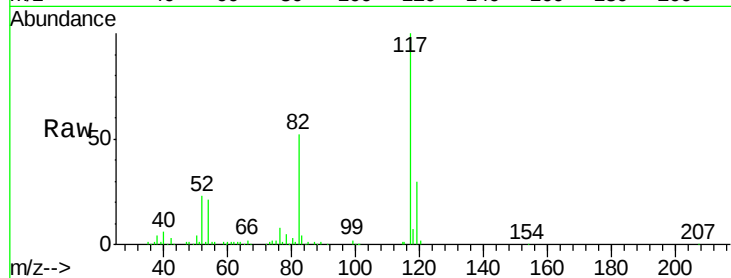




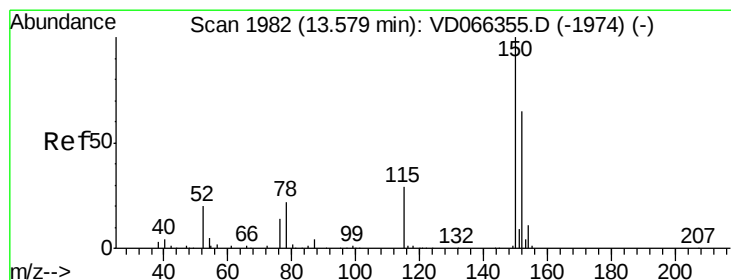
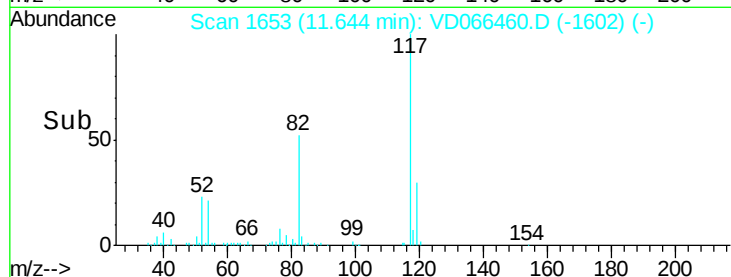
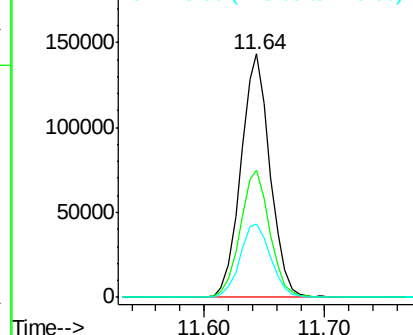
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066460.D
Acq: 28 Aug 2020 15:22

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP07-1218-01

Tot Ion:117 Resp: 240459
Ion Ratio Lower Upper
117 100
82 52.1 42.8 64.2
119 30.1 25.8 38.8

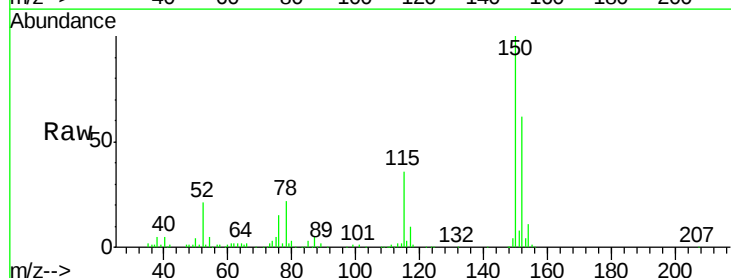


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066460.D
Acq: 28 Aug 2020 15:22

Tgt Ion:152 Resp: 127691
Ion Ratio Lower Upper
152 100
115 57.7 28.3 85.0
150 156.6 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

