

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066447.D
 Acq On : 27 Aug 2020 20:02
 Operator : VA/SY
 Sample : L3823-07
 Misc : 6.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP05-3036-01

Quant Time: Aug 28 02:26:17 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	185755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	252390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	234637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	115488	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	100770	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
35) Dibromofluoromethane	7.91	113	80991	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	10.34	98	298435	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.63	95	100375	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

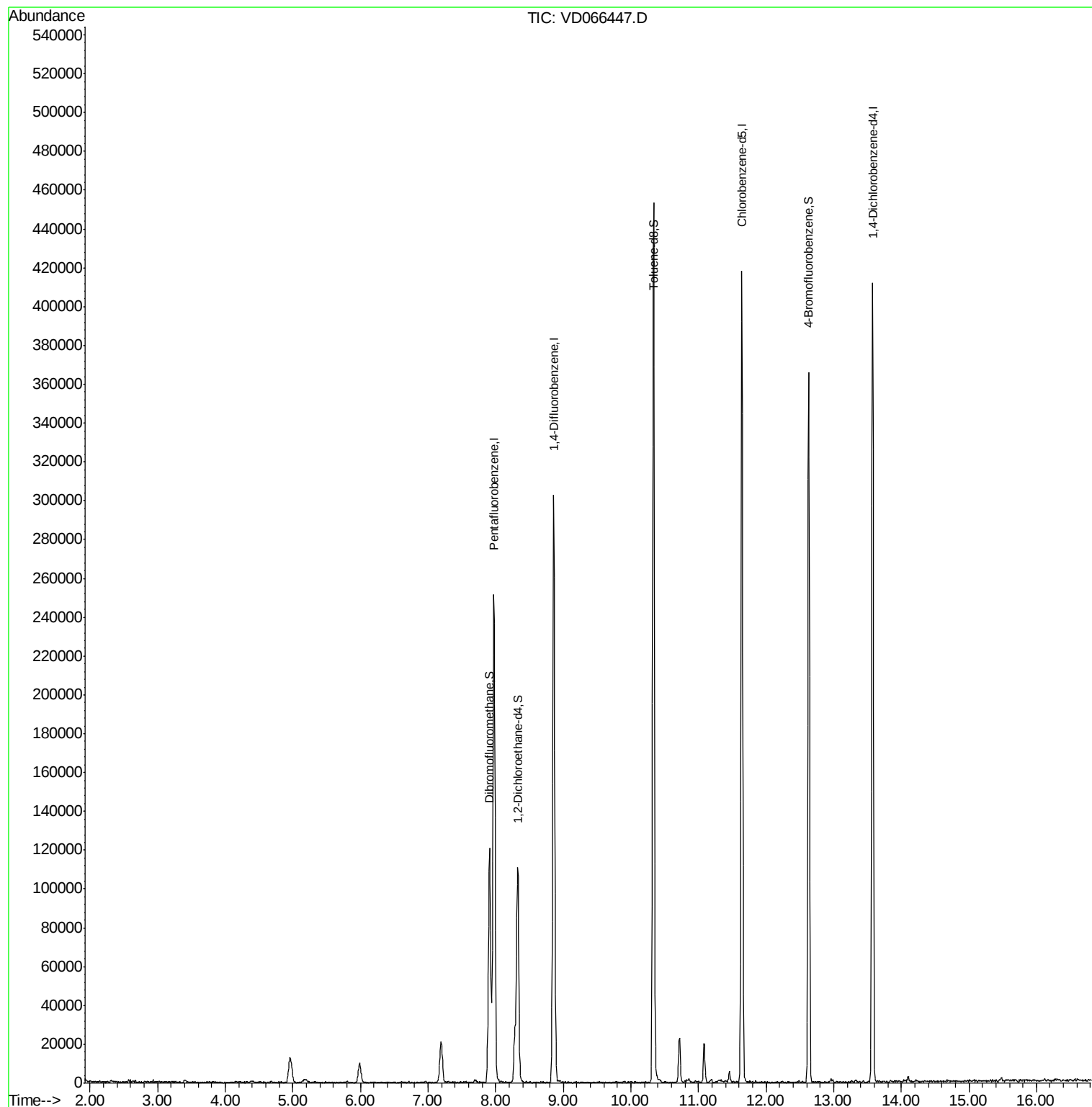
Target Compounds	Qvalue

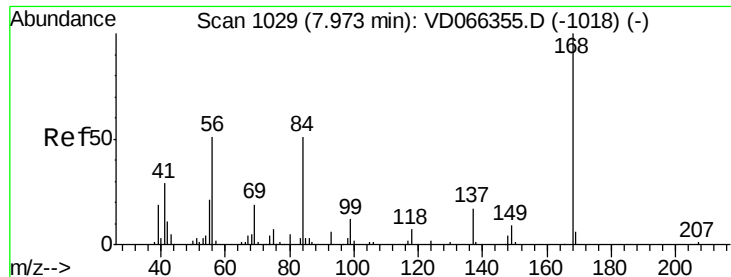
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066447.D

Acq: 27 Aug 2020 20:02

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MSVOA_D

ClientSampleId :

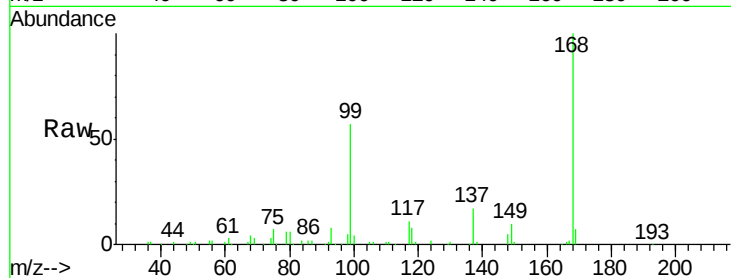
789UMR-TP05-3036-01

Tot Ion:168 Resp: 185755

Ion Ratio Lower Upper

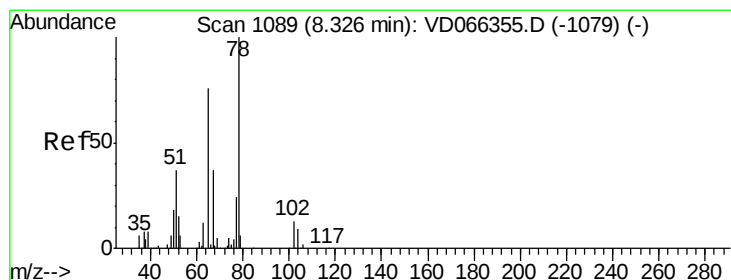
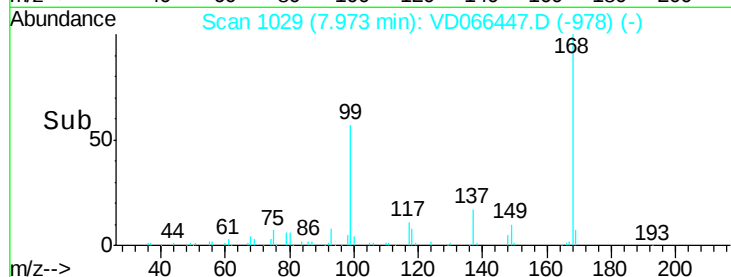
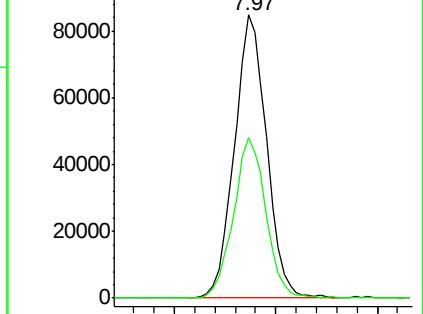
168 100

99 56.5 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: 55.334 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066447.D

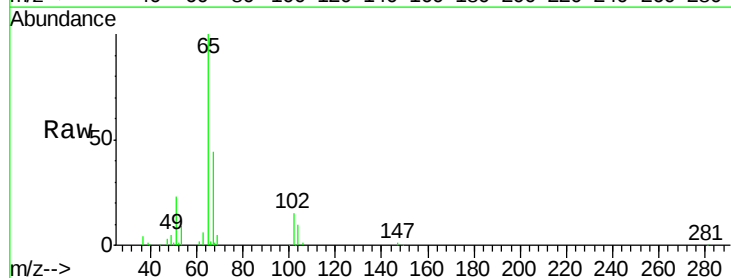
Acq: 27 Aug 2020 20:02

Tgt Ion: 65 Resp: 100770

Ion Ratio Lower Upper

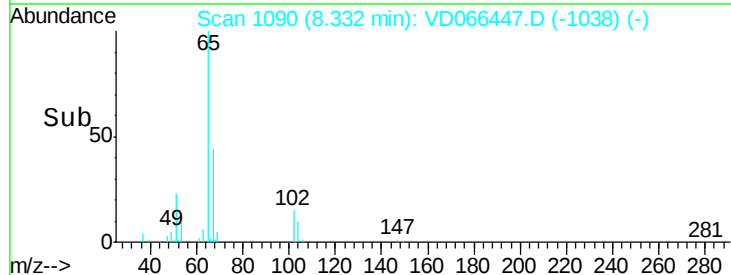
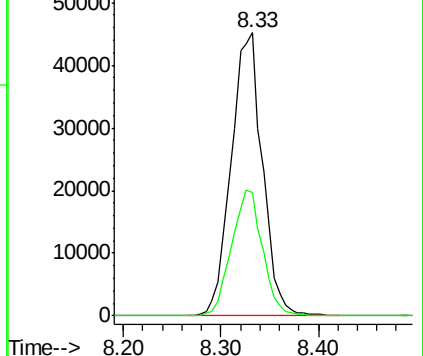
65 100

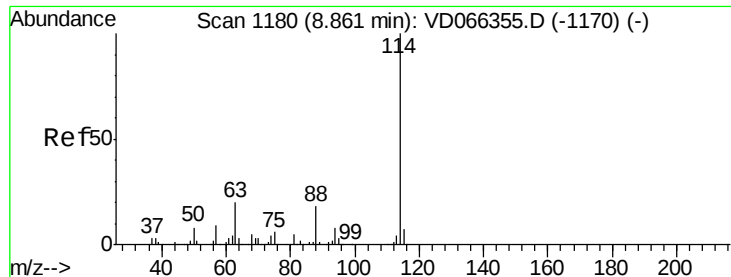
67 43.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

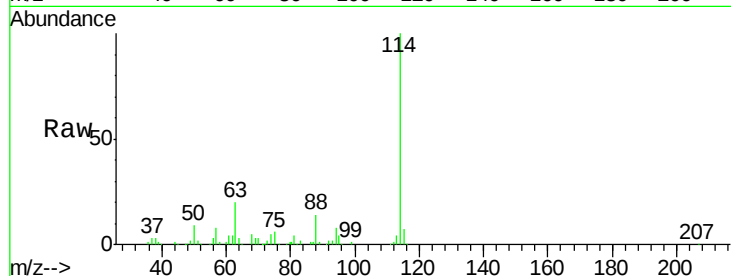




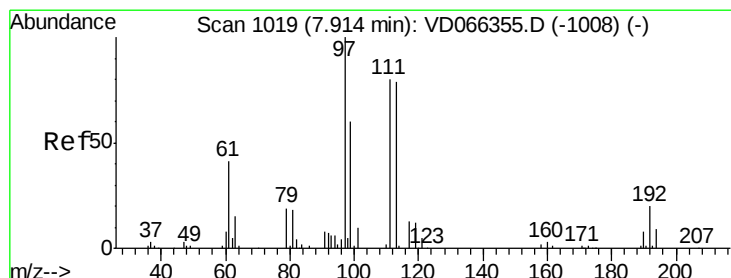
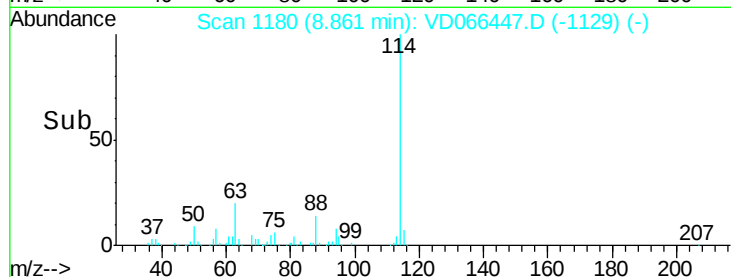
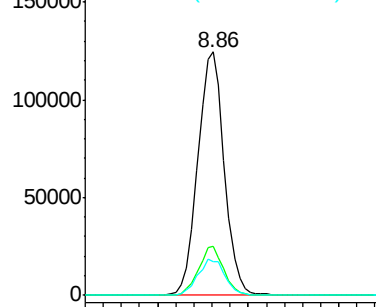
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066447.D
 Acq: 27 Aug 2020 20:02

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP05-3036-01

Tot Ion:114	Resp:	252390
Ion	Ratio	Lower Upper
114	100	
63	20.1	0.0 40.8
88	14.0	0.0 35.4

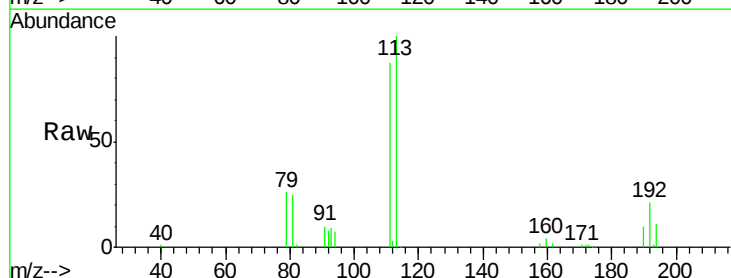


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

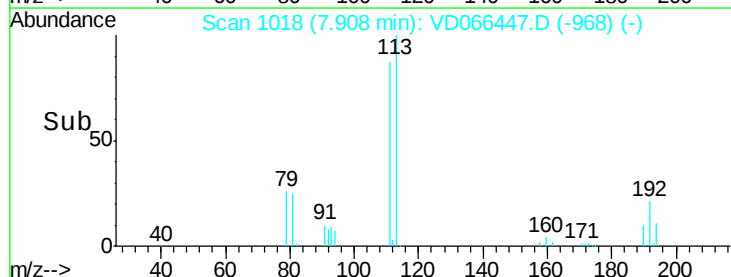
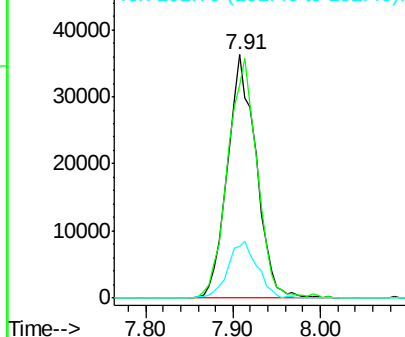


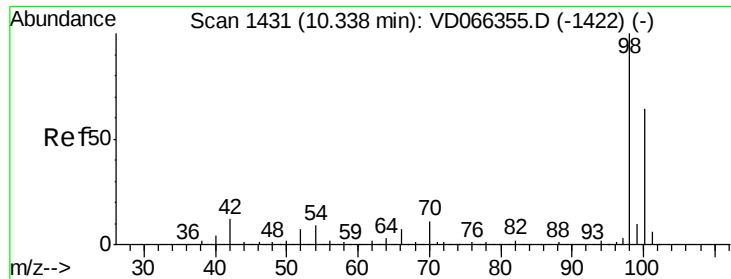
#35
 Dibromofluoromethane
 Concen: 51.318 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066447.D
 Acq: 27 Aug 2020 20:02

Tgt Ion:113	Resp:	80991
Ion	Ratio	Lower Upper
113	100	
111	100.8	80.3 120.5
192	23.7	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: 51.682 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066447.D

Acq: 27 Aug 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

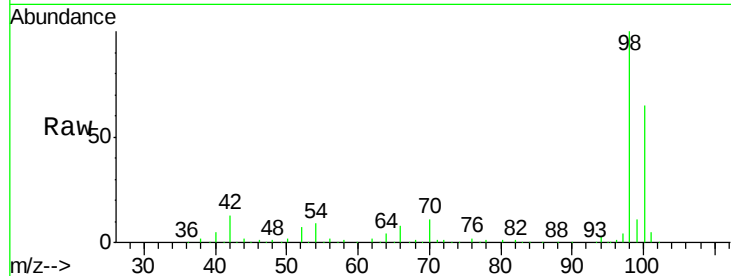
789UMR-TP05-3036-01

Tot Ion: 98 Resp: 298435

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

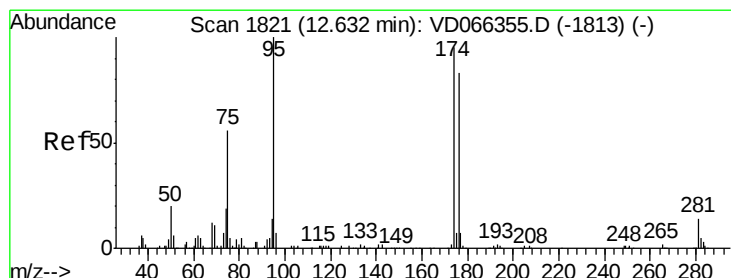
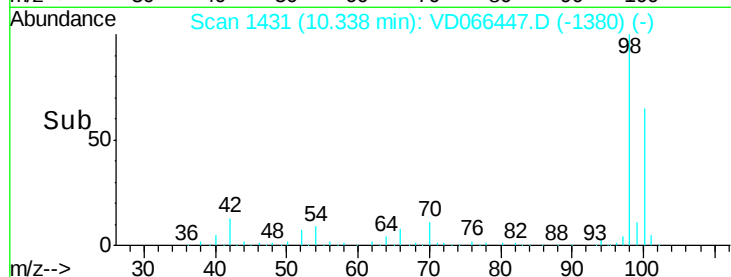
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 48.987 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066447.D

Acq: 27 Aug 2020 20:02

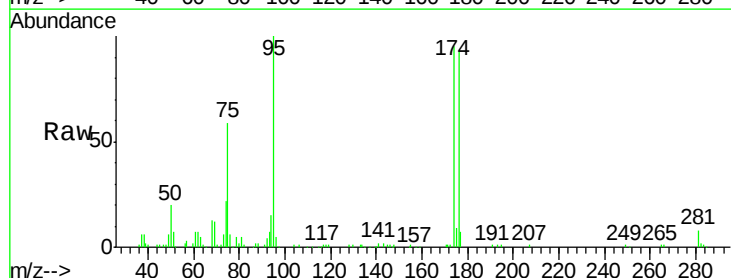
Tgt Ion: 95 Resp: 100375

Ion Ratio Lower Upper

95 100

174 95.2 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

12.63

80000

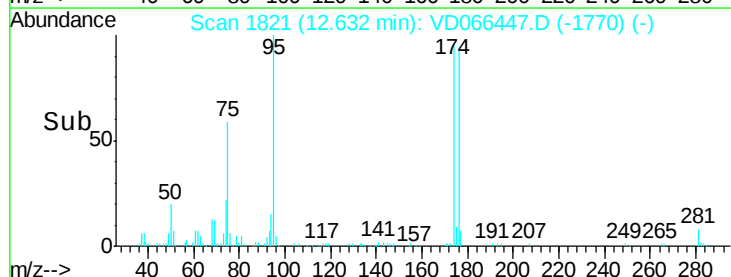
60000

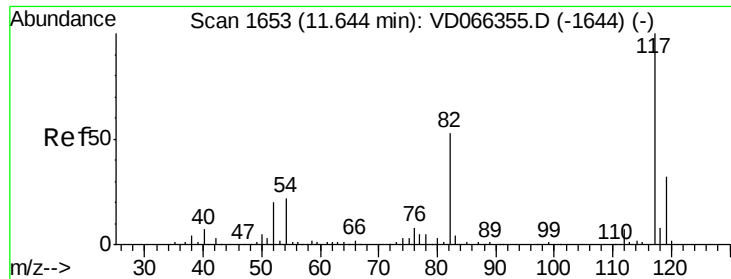
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

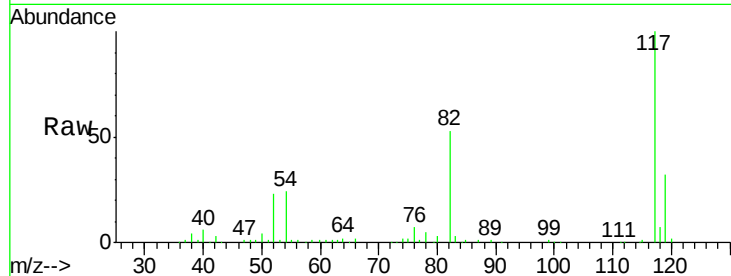




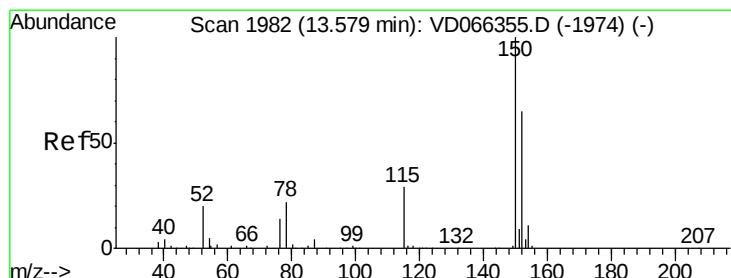
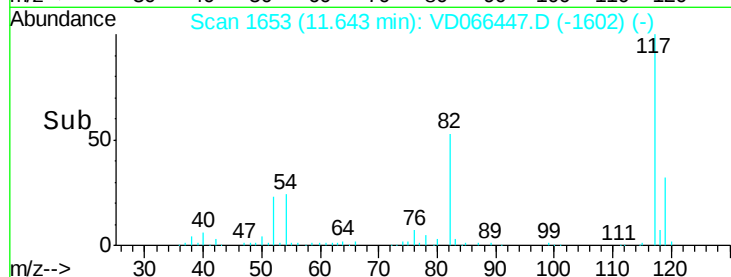
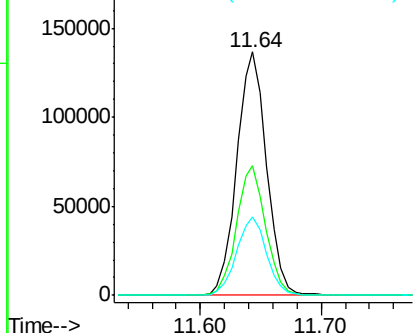
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066447.D
Acq: 27 Aug 2020 20:02

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP05-3036-01

Tot Ion:117 Resp: 234637
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.1 25.8 38.8

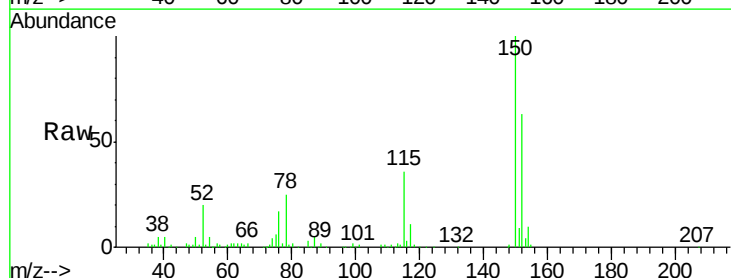


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066447.D
Acq: 27 Aug 2020 20:02

Tgt Ion:152 Resp: 115488
Ion Ratio Lower Upper
152 100
115 56.5 28.3 85.0
150 156.7 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

