

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066484.D
 Acq On : 31 Aug 2020 15:45
 Operator : VA/SY
 Sample : L3847-10
 Misc : 3.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LINDEN-JOP-BH-09-B

Quant Time: Sep 07 07:15:21 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	173641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	245136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	218097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	93614	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	95383	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
35) Dibromofluoromethane	7.91	113	75591	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	10.34	98	282391	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.64	95	87704	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	

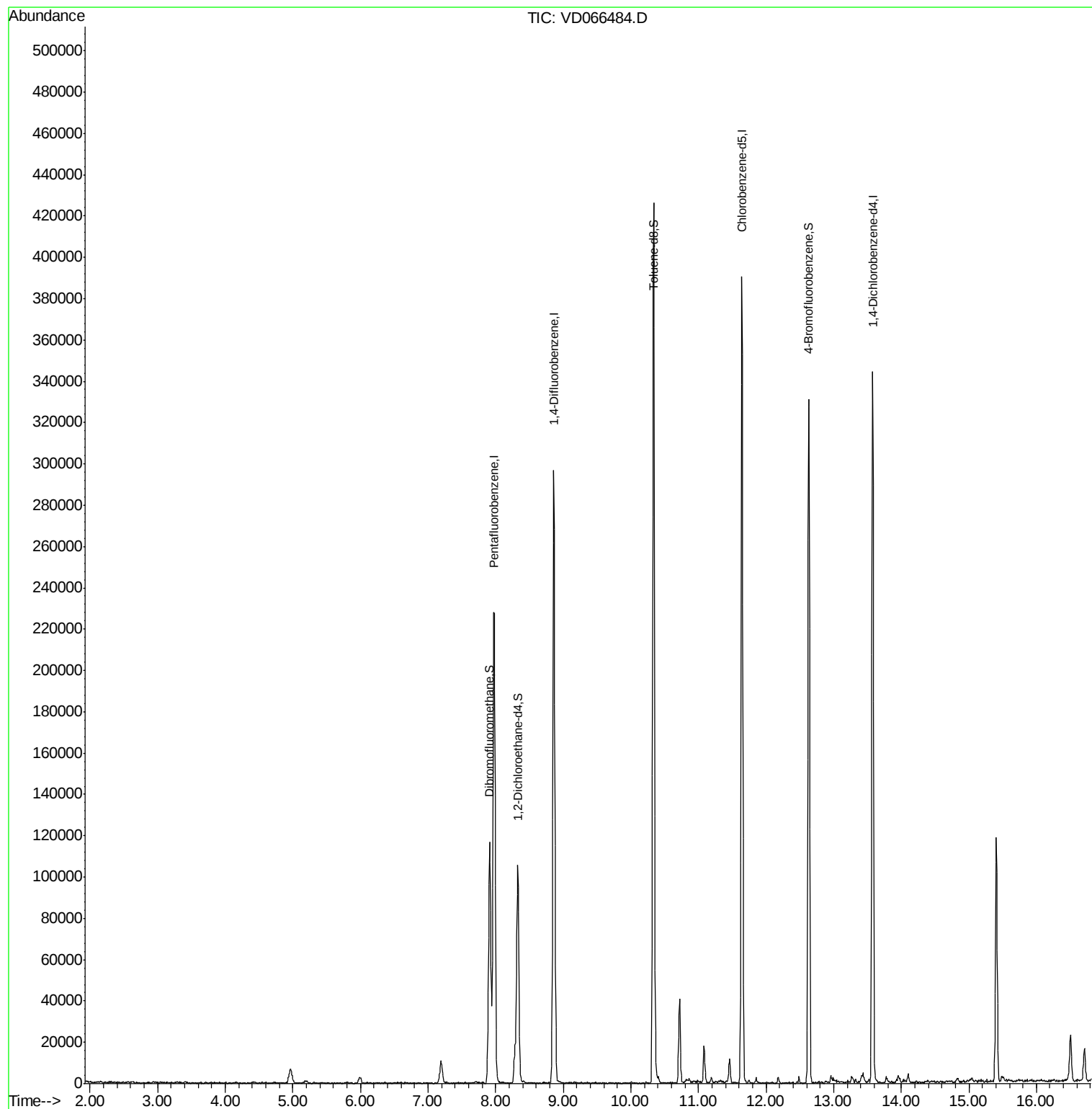
Target Compounds	Qvalue

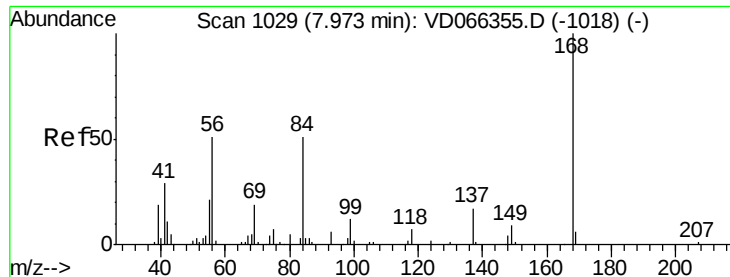
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066484.D

Acq: 31 Aug 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

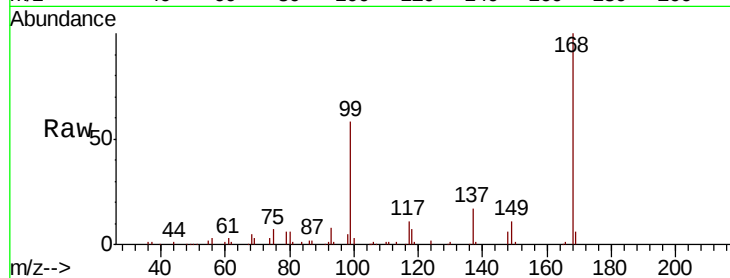
LINDEN-JOP-BH-09-B

Tot Ion:168 Resp: 173641

Ion Ratio Lower Upper

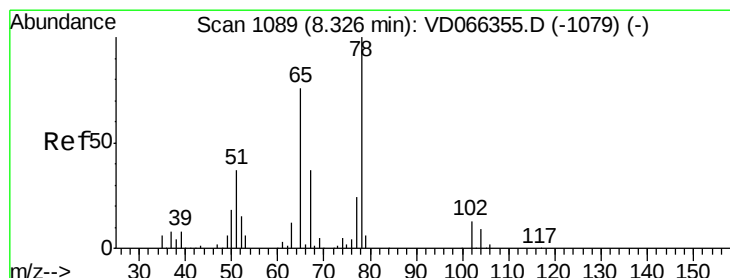
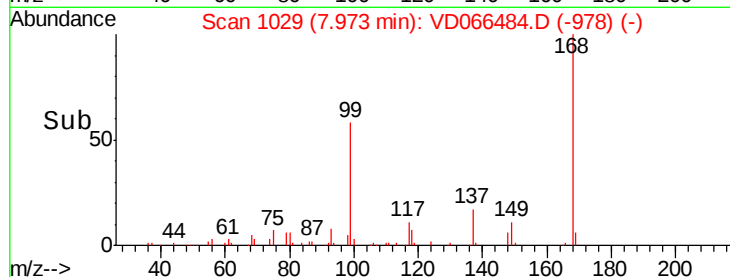
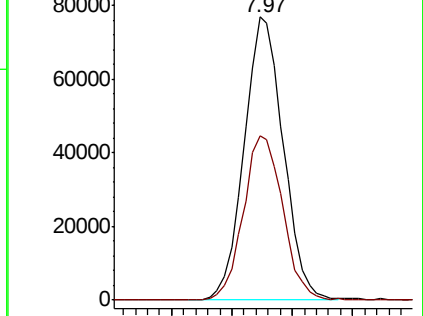
168 100

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: 56.030 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066484.D

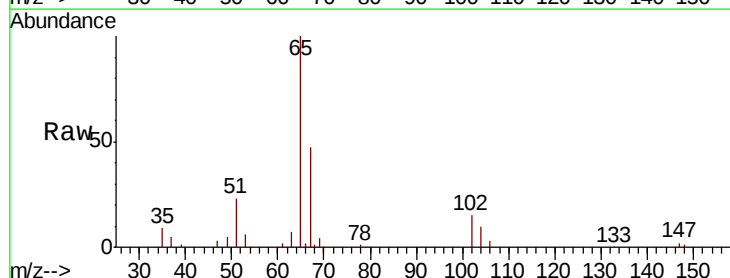
Acq: 31 Aug 2020 15:45

Tgt Ion: 65 Resp: 95383

Ion Ratio Lower Upper

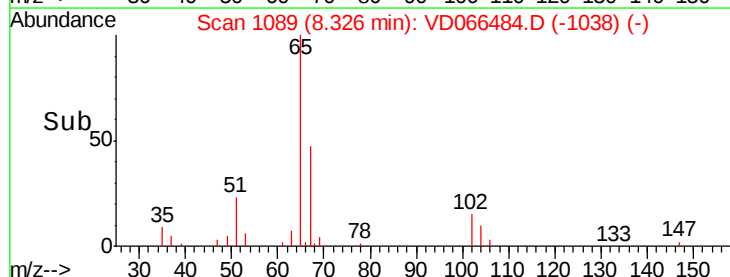
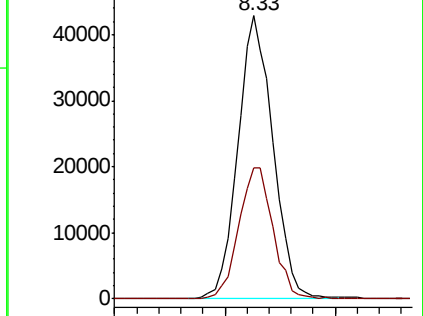
65 100

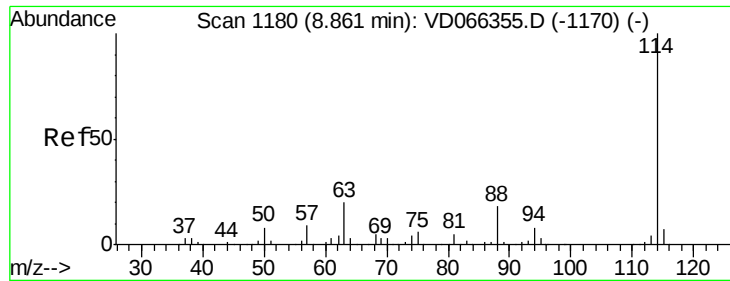
67 45.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

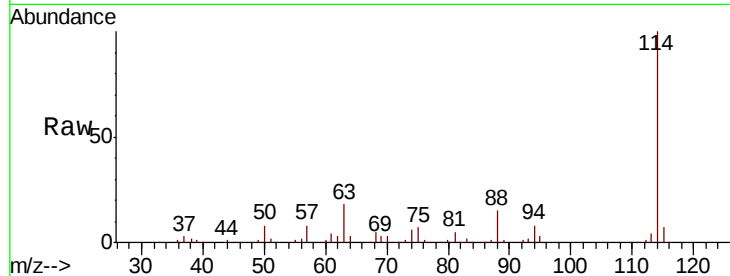




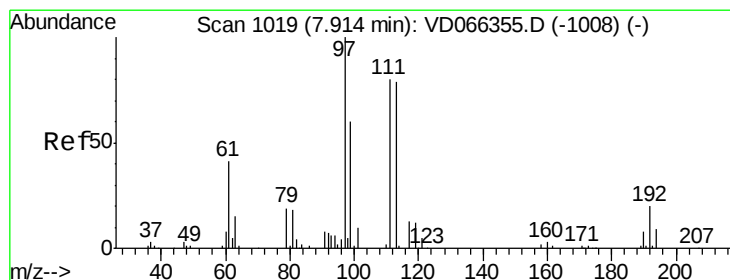
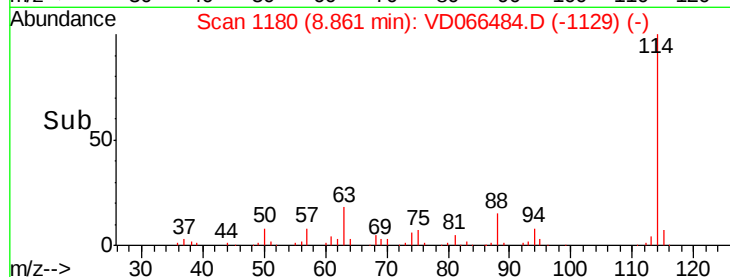
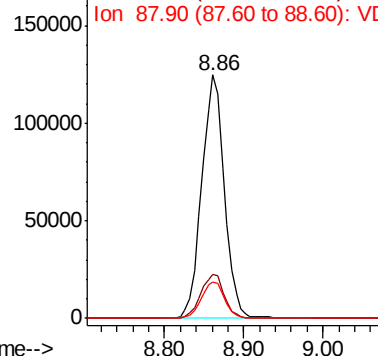
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066484.D
 Acq: 31 Aug 2020 15:45

Instrument :
 MSVOA_D
 ClientSampleId :
 LINDEN-JOP-BH-09-B

Tot Ion:114 Resp: 245136
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 40.8
 88 15.0 0.0 35.4

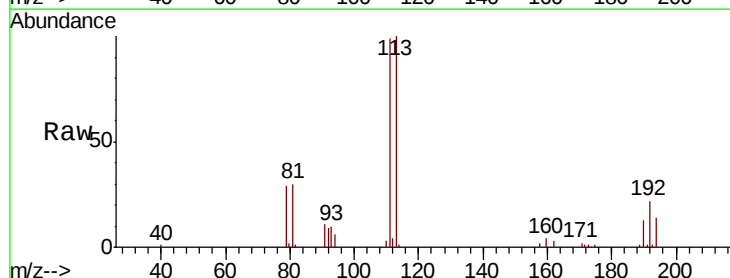


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

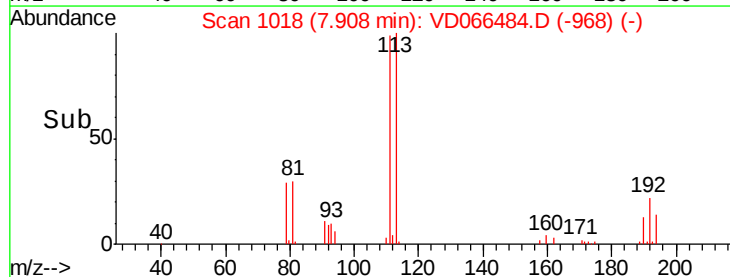
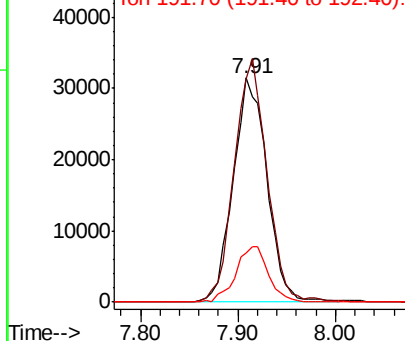


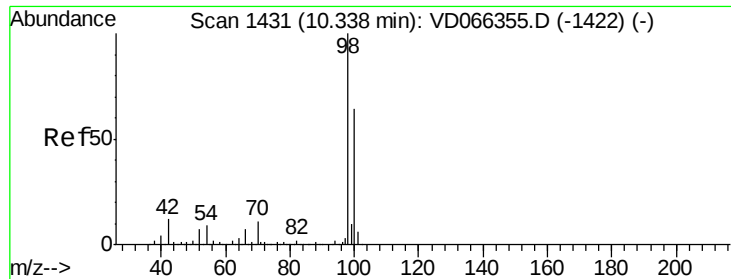
#35
 Dibromofluoromethane
 Concen: 49.314 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066484.D
 Acq: 31 Aug 2020 15:45

Tgt Ion:113 Resp: 75591
 Ion Ratio Lower Upper
 113 100
 111 105.2 80.3 120.5
 192 23.8 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: 50.350 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066484.D

Acq: 31 Aug 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

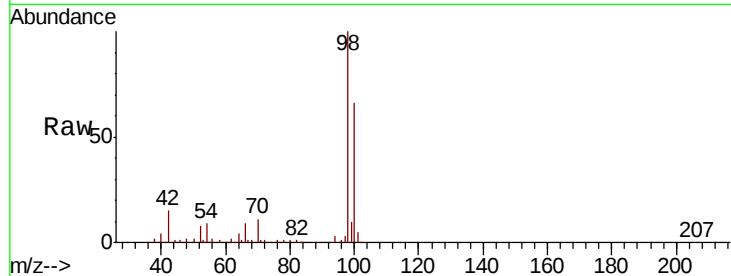
LINDEN-JOP-BH-09-B

Tot Ion: 98 Resp: 282391

Ion Ratio Lower Upper

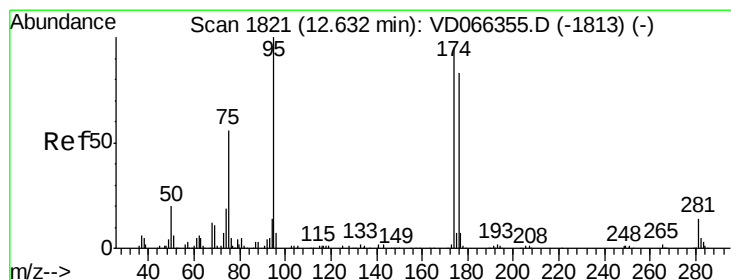
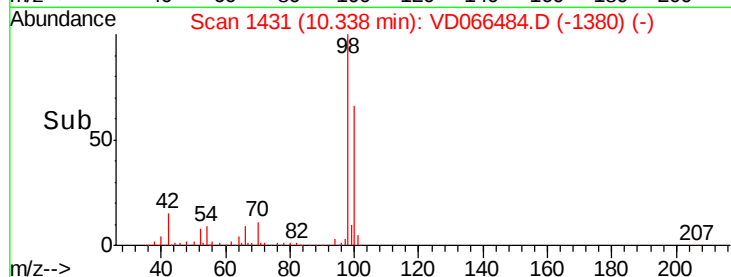
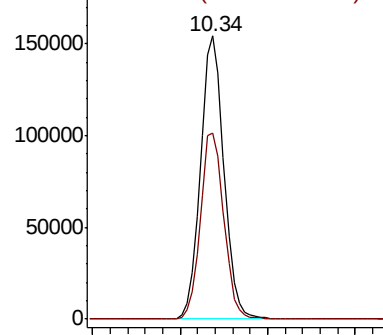
98 100

100 65.8 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: 44.069 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD066484.D

Acq: 31 Aug 2020 15:45

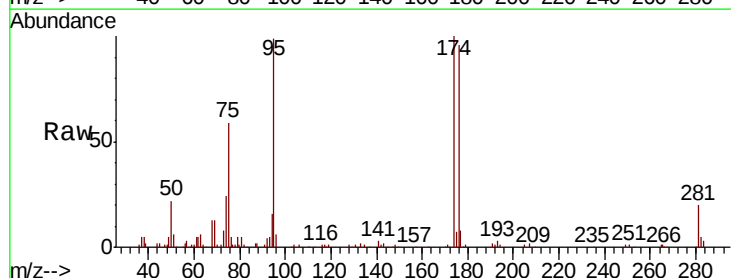
Tgt Ion: 95 Resp: 87704

Ion Ratio Lower Upper

95 100

174 101.5 0.0 183.4

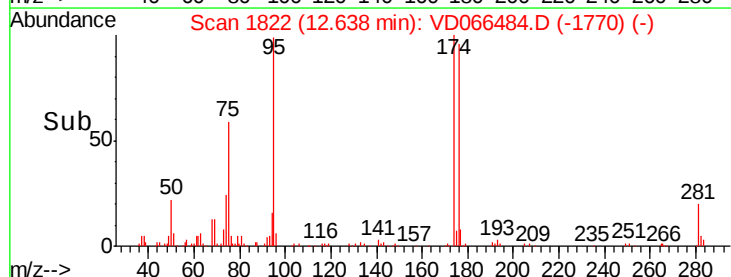
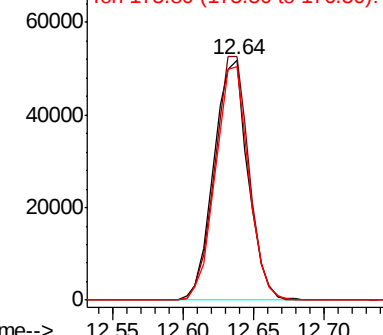
176 95.1 0.0 173.8

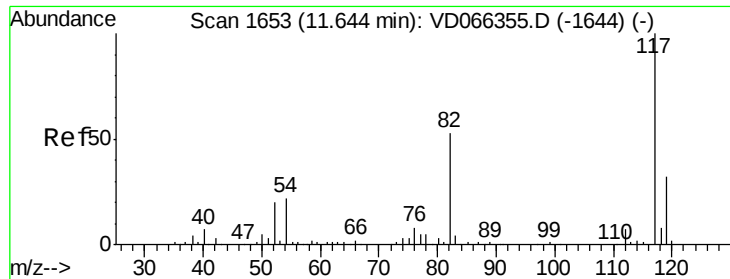


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

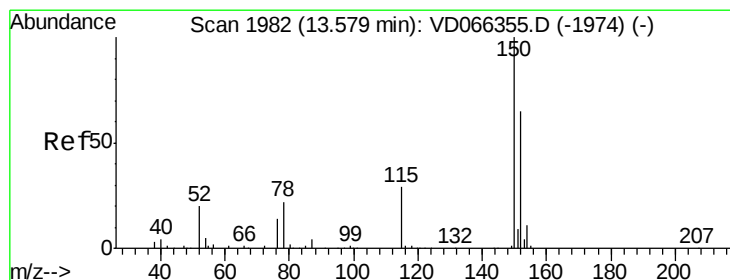
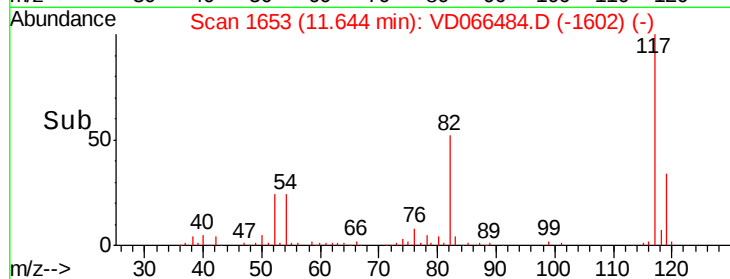
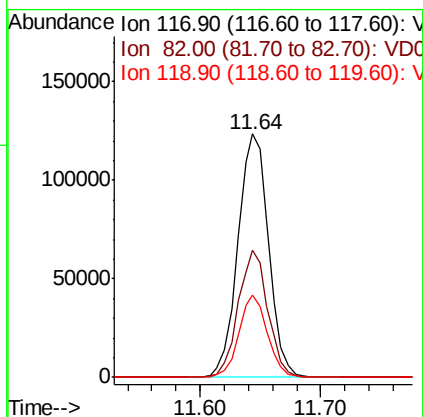
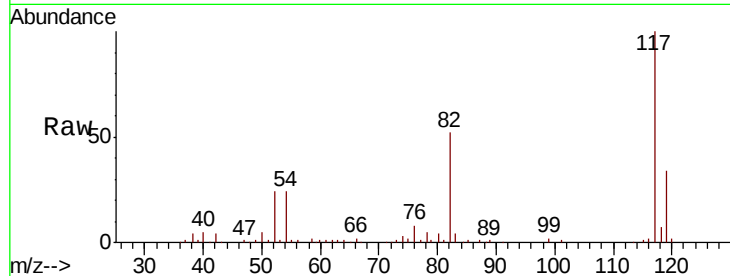




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066484.D
Acq: 31 Aug 2020 15:45

Instrument :
MSVOA_D
ClientSampleId :
LINDEN-JOP-BH-09-B

Tot Ion:117 Resp: 218097
Ion Ratio Lower Upper
117 100
82 52.1 42.8 64.2
119 33.8 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: VD066484.D
Acq: 31 Aug 2020 15:45

Tgt Ion:152 Resp: 93614
Ion Ratio Lower Upper
152 100
115 57.7 28.3 85.0
150 159.6 0.0 343.2

