

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066480.D
 Acq On : 31 Aug 2020 13:55
 Operator : VA/SY
 Sample : L3847-02
 Misc : 4.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LINDEN-JOP-BH-08-A

Quant Time: Sep 01 01:31:40 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	176152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	242424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	212194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	95365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	100963	58.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.92%	
35) Dibromofluoromethane	7.91	113	78270	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.34	98	277823	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.63	95	86551	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	

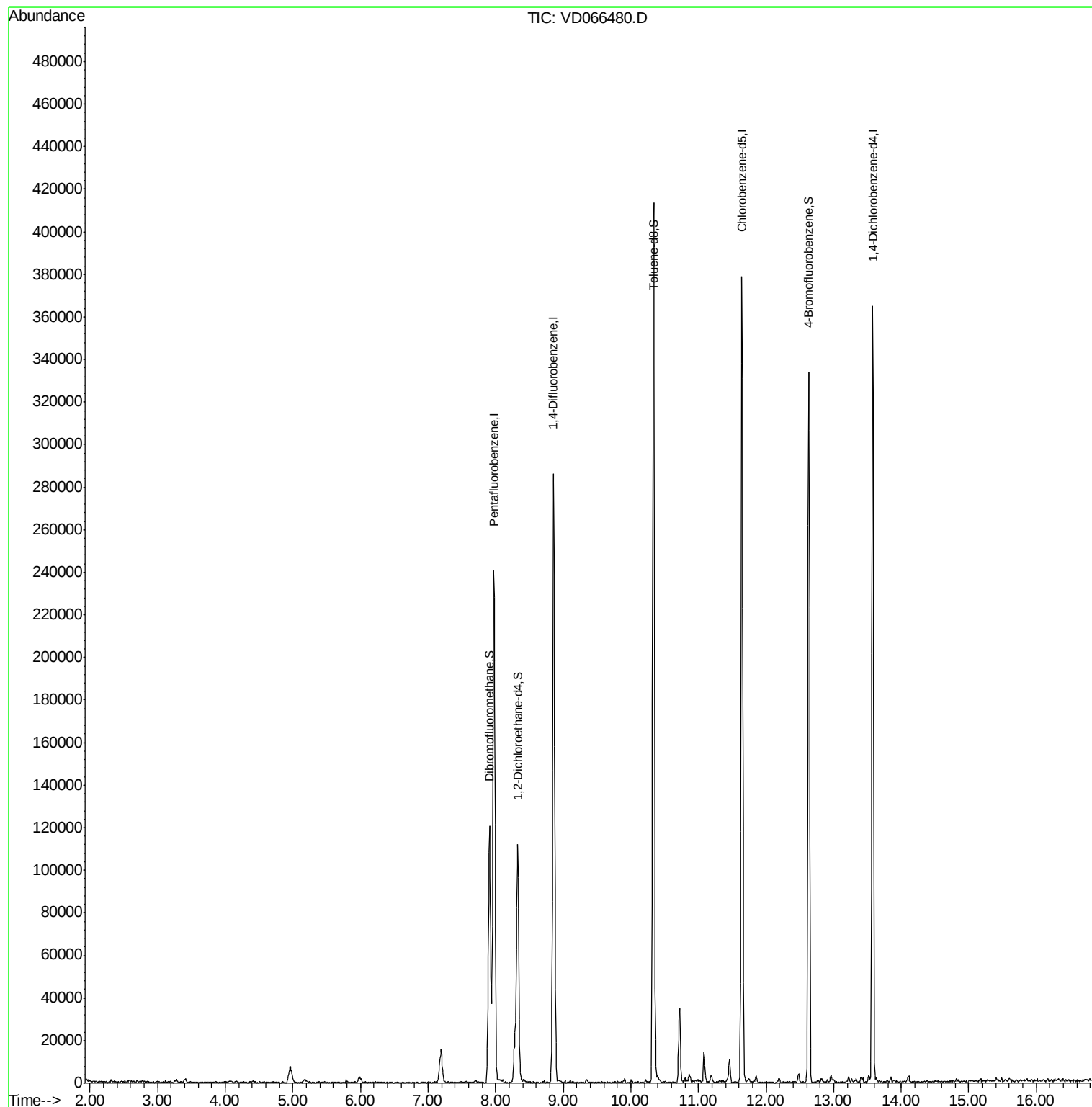
Target Compounds	Qvalue

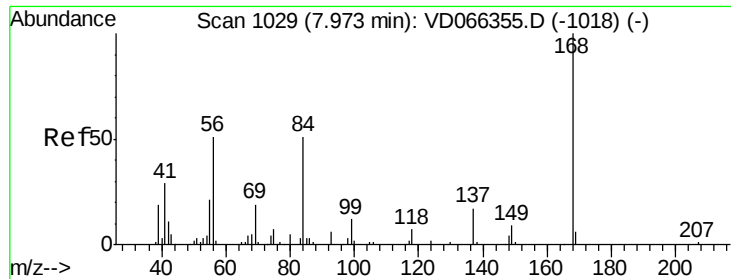
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066480.D

Acq: 31 Aug 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

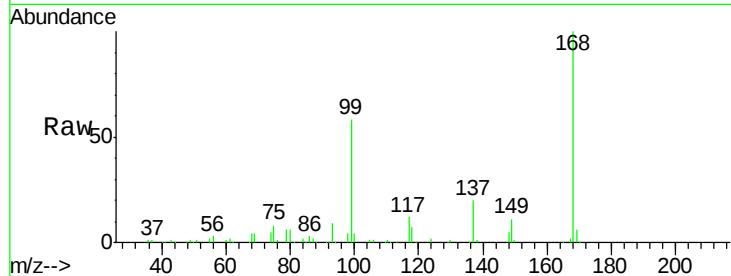
LINDEN-JOP-BH-08-A

Tot Ion:168 Resp: 176152

Ion Ratio Lower Upper

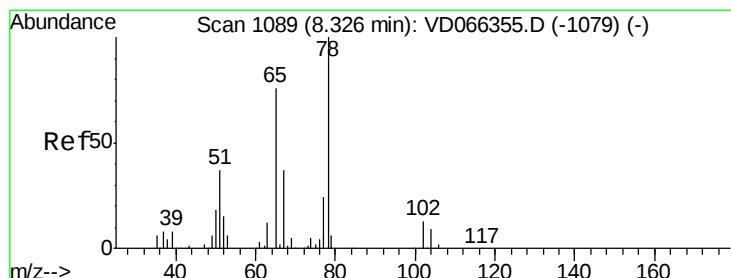
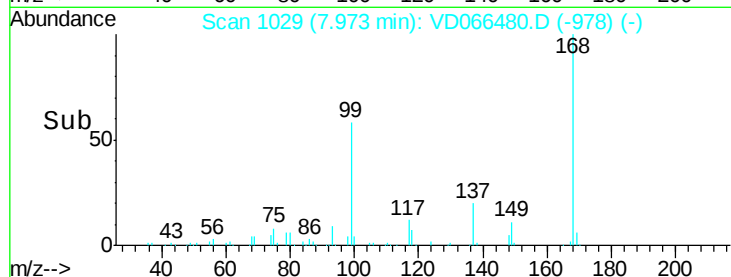
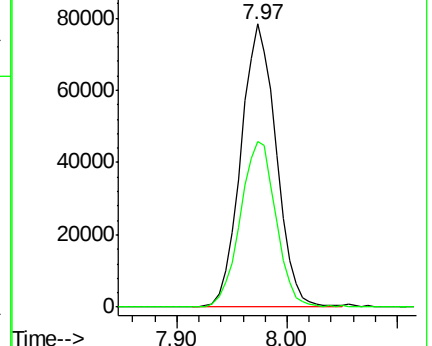
168 100

99 58.1 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: 58.462 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066480.D

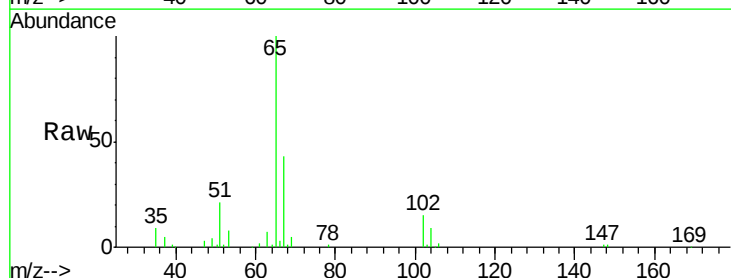
Acq: 31 Aug 2020 13:55

Tgt Ion: 65 Resp: 100963

Ion Ratio Lower Upper

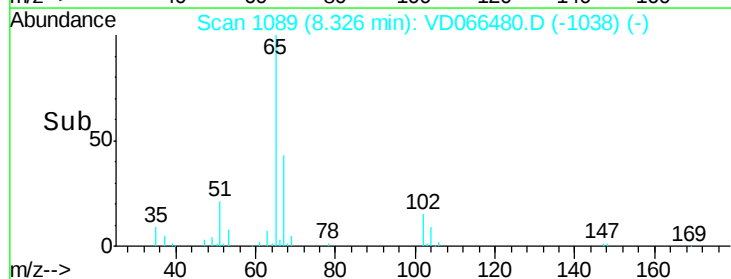
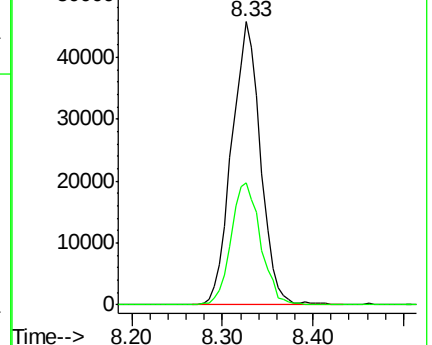
65 100

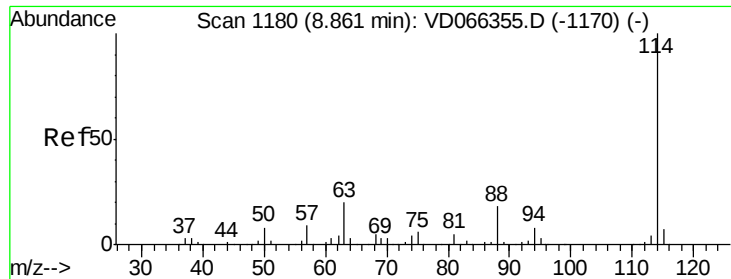
67 44.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

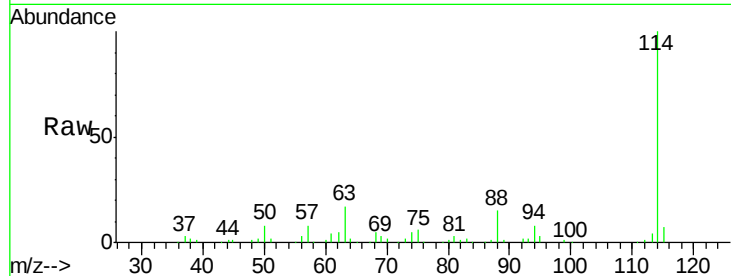




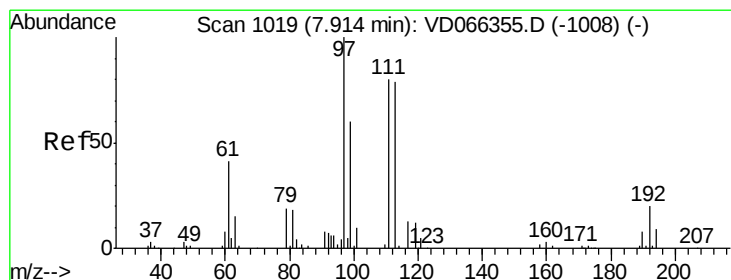
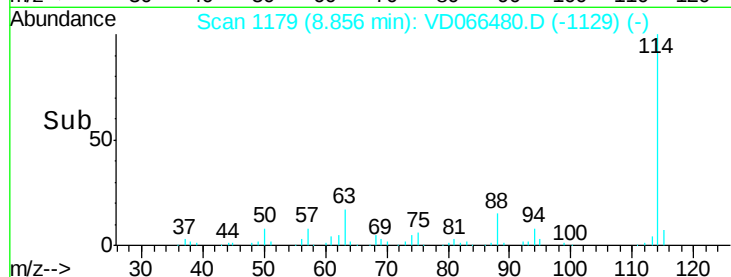
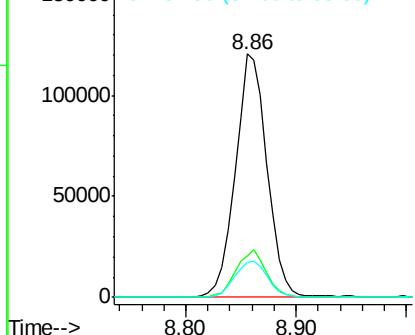
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066480.D
 Acq: 31 Aug 2020 13:55

Instrument :
 MSVOA_D
 ClientSampleId :
 LINDEN-JOP-BH-08-A

Tot Ion:114 Resp: 242424
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 40.8
 88 14.6 0.0 35.4

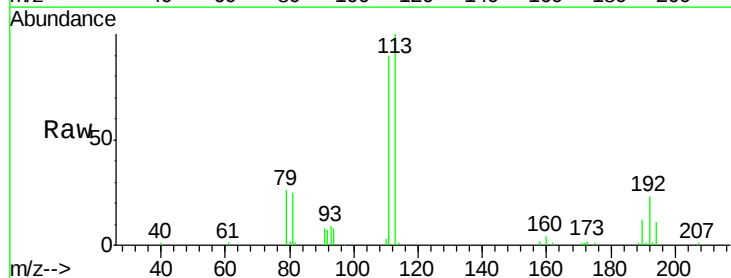


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

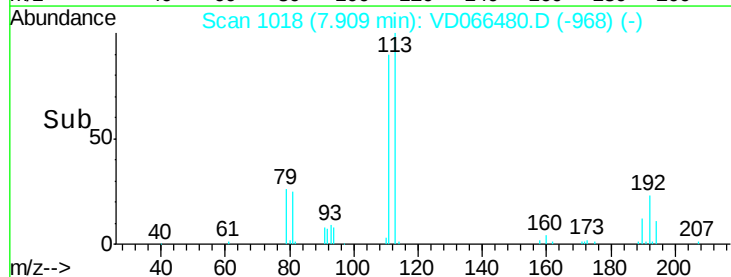
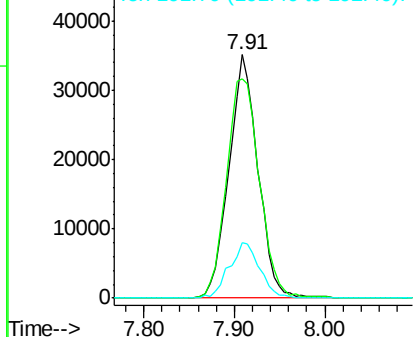


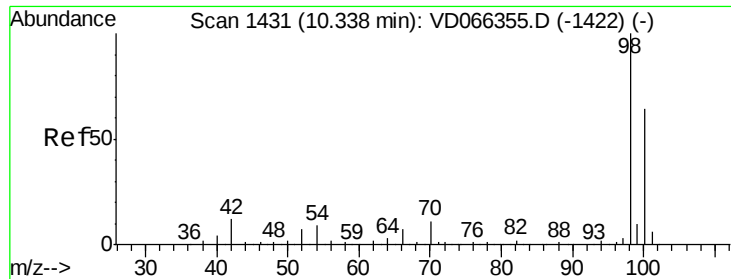
#35
 Dibromofluoromethane
 Concen: 51.633 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066480.D
 Acq: 31 Aug 2020 13:55

Tgt Ion:113 Resp: 78270
 Ion Ratio Lower Upper
 113 100
 111 102.3 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

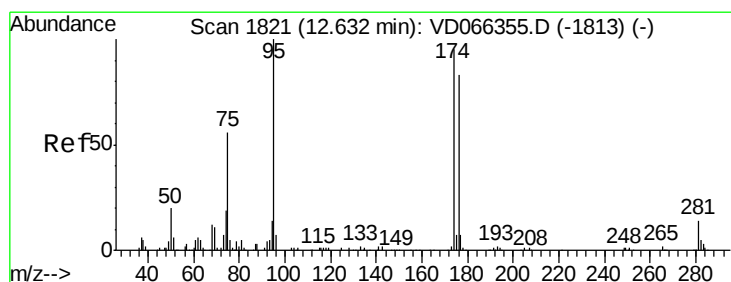
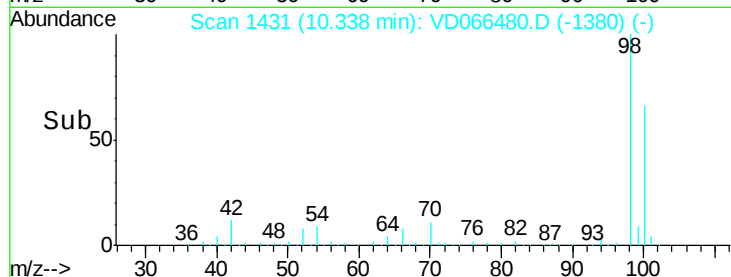
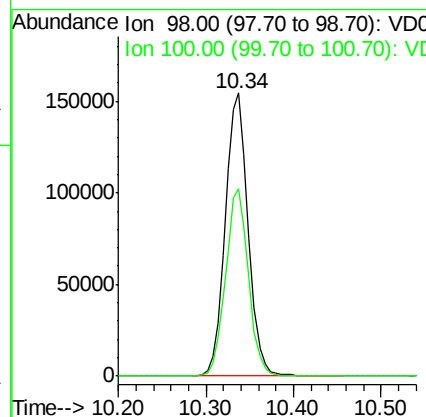
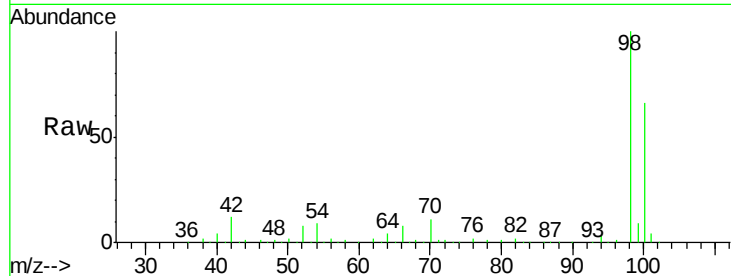




#50
Toluene-d8
Concen: 50.090 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066480.D
Acq: 31 Aug 2020 13:55

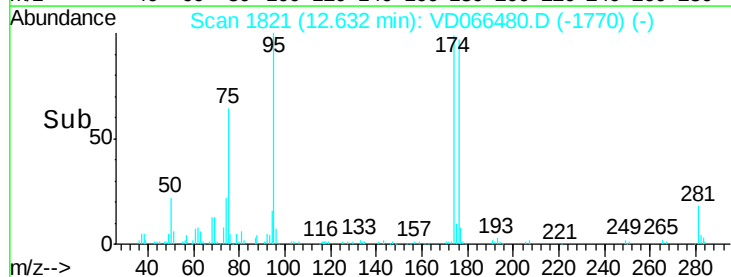
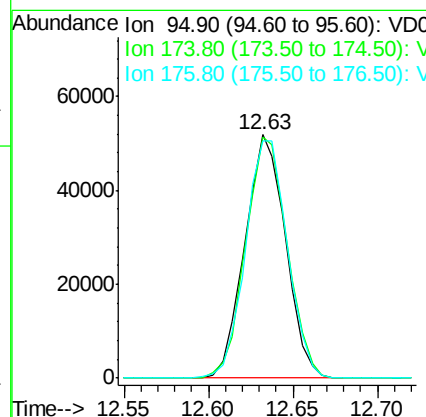
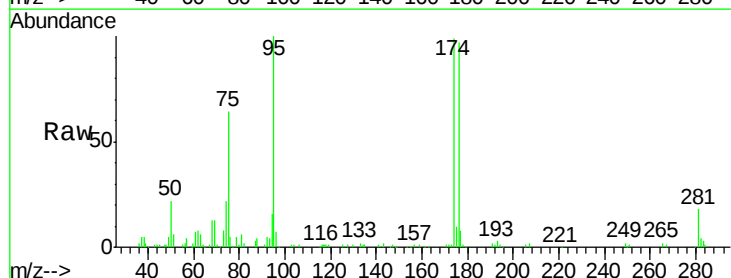
Instrument :
MSVOA_D
ClientSampleId :
LINDEN-JOP-BH-08-A

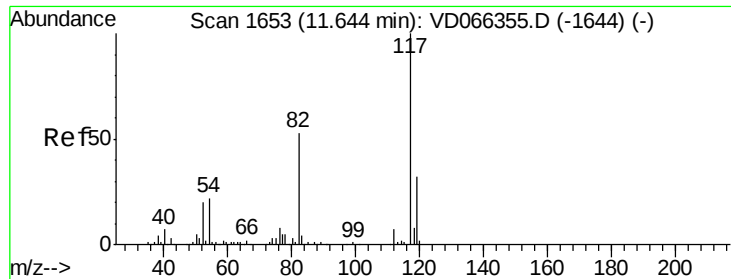
Tot Ion: 98 Resp: 277823
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.976 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066480.D
Acq: 31 Aug 2020 13:55

Tgt Ion: 95 Resp: 86551
Ion Ratio Lower Upper
95 100
174 101.2 0.0 183.4
176 100.9 0.0 173.8

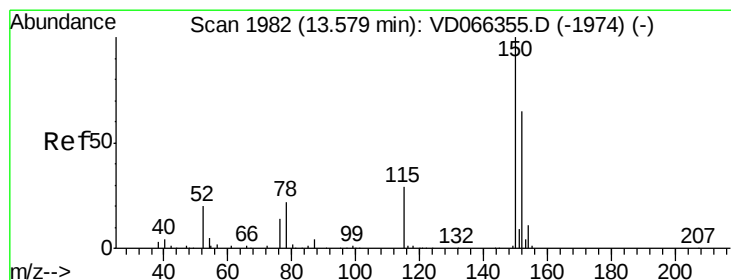
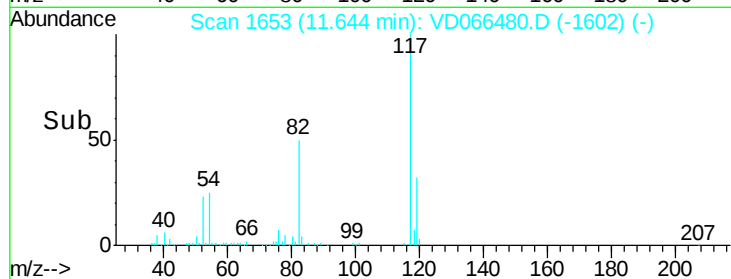
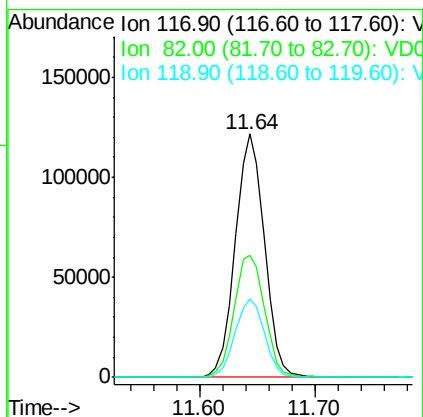
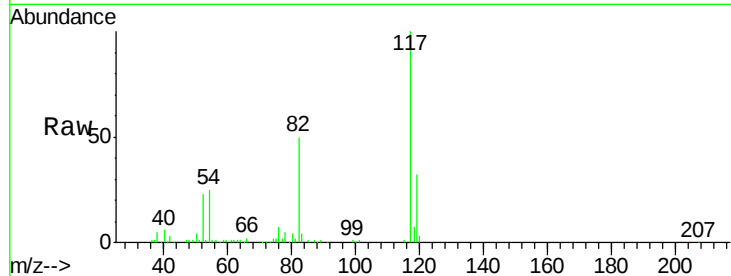




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066480.D
Acq: 31 Aug 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
LINDEN-JOP-BH-08-A

Tot Ion:117 Resp: 212194
Ion Ratio Lower Upper
117 100
82 50.1 42.8 64.2
119 32.1 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: VD066480.D
Acq: 31 Aug 2020 13:55

Tgt Ion:152 Resp: 95365
Ion Ratio Lower Upper
152 100
115 58.3 28.3 85.0
150 157.2 0.0 343.2

