

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066485.D
 Acq On : 31 Aug 2020 16:12
 Operator : VA/SY
 Sample : L3847-20
 Misc : 4.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LINDEN-JOP-BH-11-A

Quant Time: Sep 01 02:00:36 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	7.98	168	175983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	248561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	228052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	112194	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	99886	57.89	ug/l	0.00
Spiked Amount			Recovery	=	115.78%	
35) Dibromofluoromethane	7.91	113	77005	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	10.34	98	287348	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.64	95	98768	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

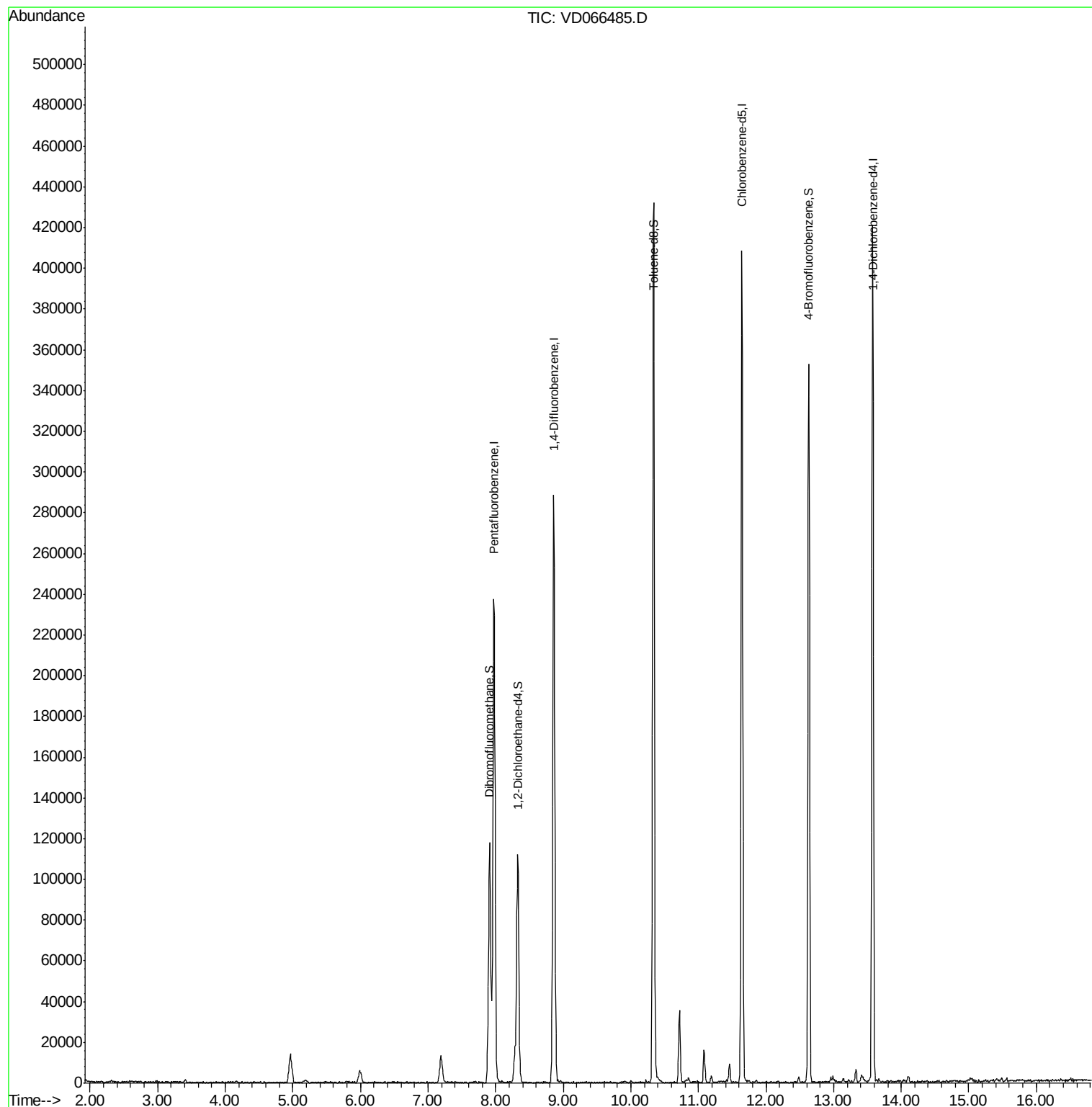
Target Compounds	Qvalue
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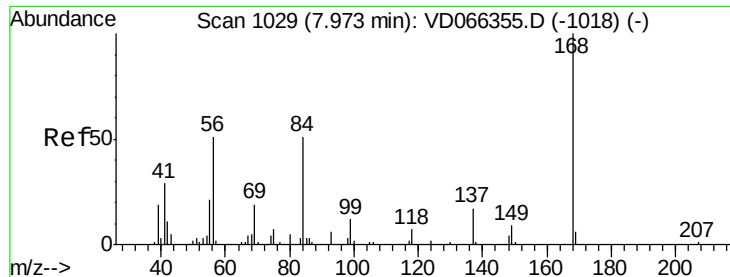
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066485.D

Acq: 31 Aug 2020 16:12

Instrument :

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ClientSampleId :

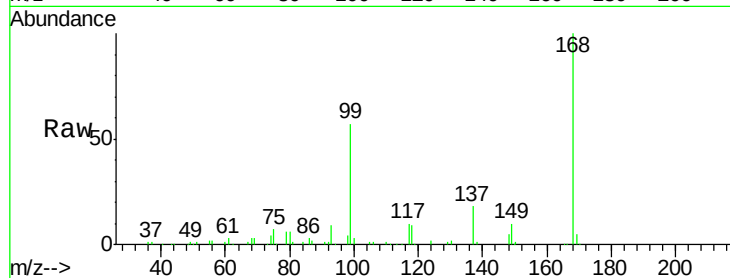
LINDEN-JOP-BH-11-A

Tot Ion:168 Resp: 175983

Ion Ratio Lower Upper

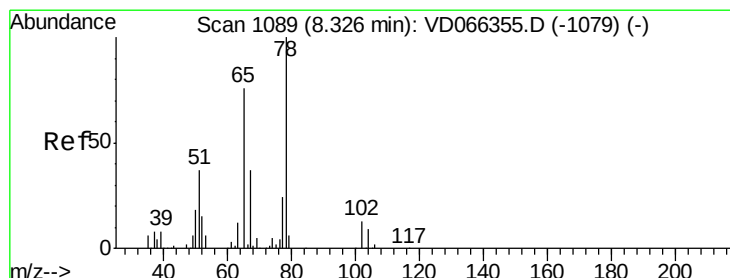
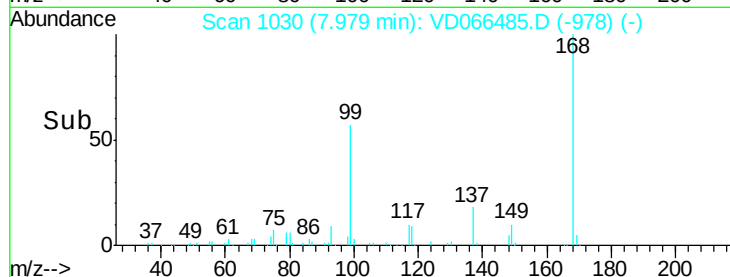
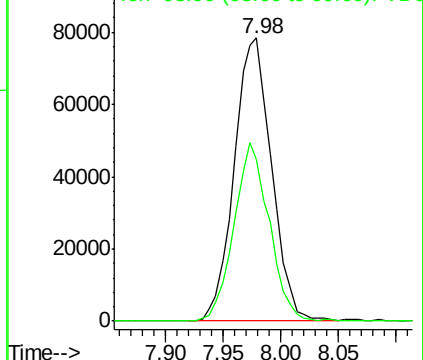
168 100

99 57.3 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: 57.894 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066485.D

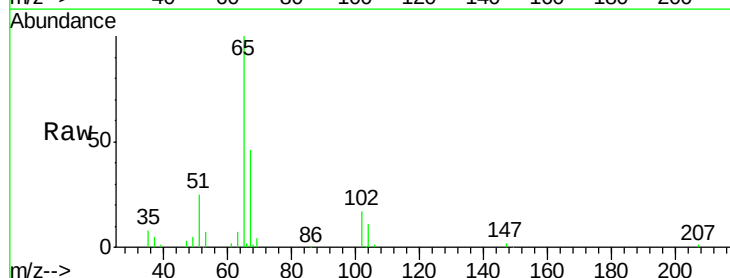
Acq: 31 Aug 2020 16:12

Tgt Ion: 65 Resp: 99886

Ion Ratio Lower Upper

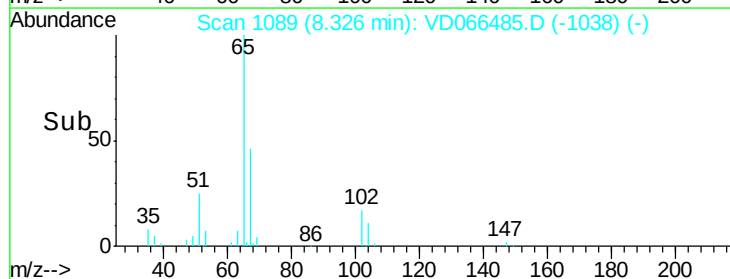
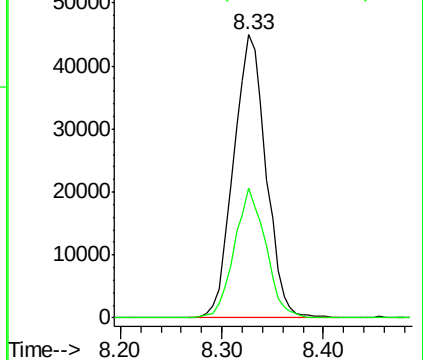
65 100

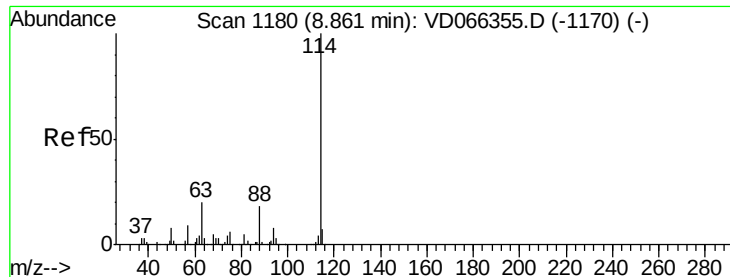
67 44.2 0.0 101.6



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: VD066485.D

Acq: 31 Aug 2020 16:12

Instrument :

MSVOA_D

ClientSampleId :

LINDEN-JOP-BH-11-A

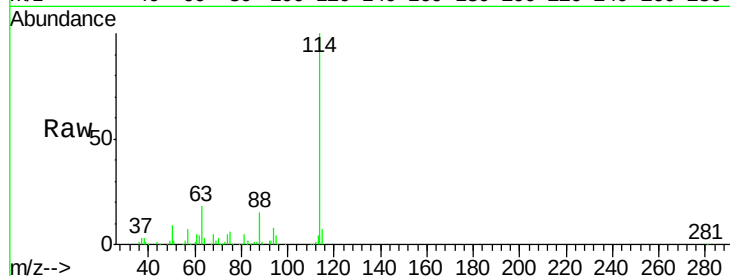
Tot Ion:114 Resp: 248561

Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.8

88 15.3 0.0 35.4



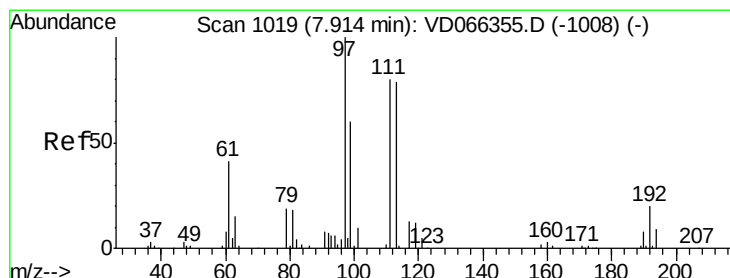
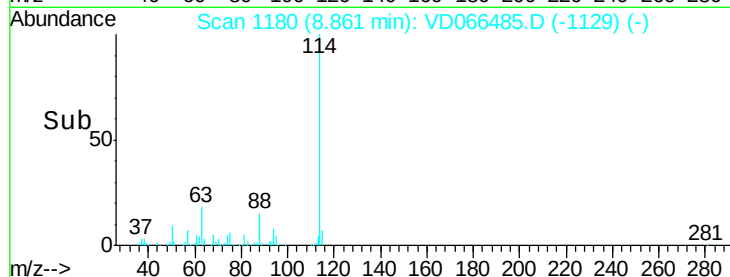
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

8.86

Time-->



#35

Dibromofluoromethane

Concen: 49.544 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066485.D

Acq: 31 Aug 2020 16:12

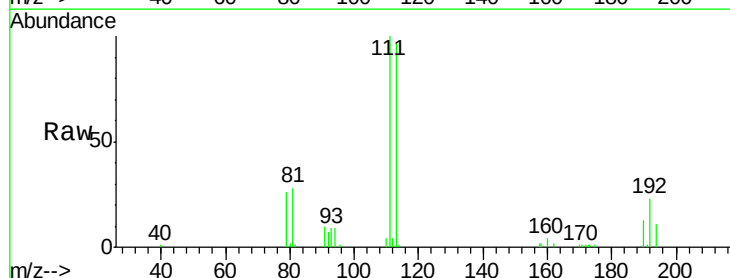
Tgt Ion:113 Resp: 77005

Ion Ratio Lower Upper

113 100

111 103.3 80.3 120.5

192 23.5 19.0 28.6



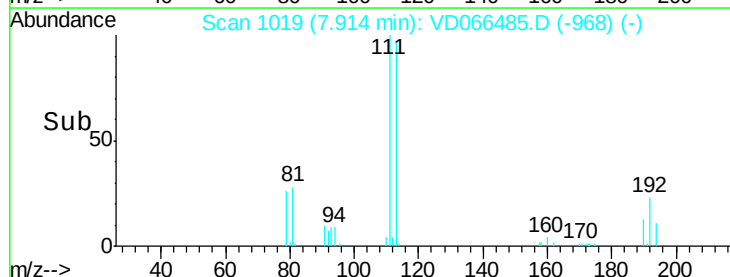
Abundance Ion 112.80 (112.50 to 113.50): V

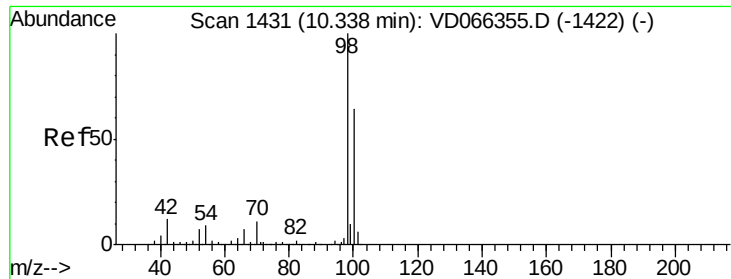
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.91

Time-->

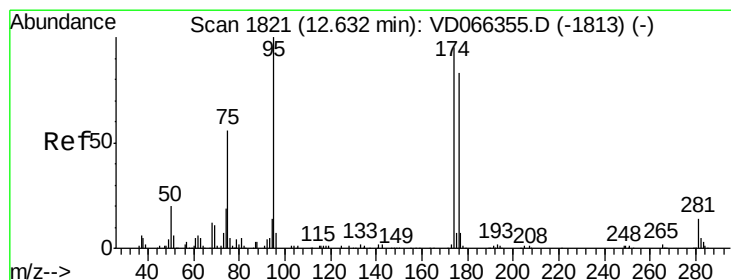
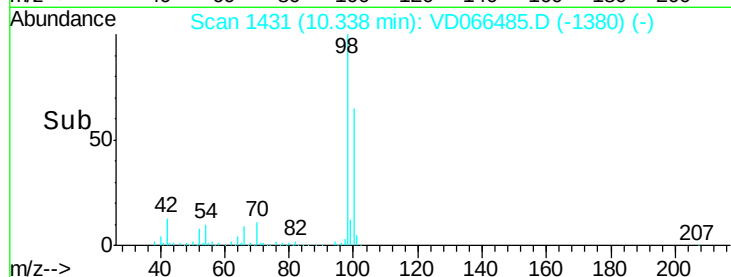
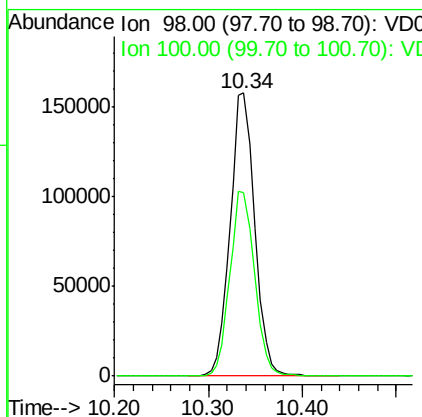
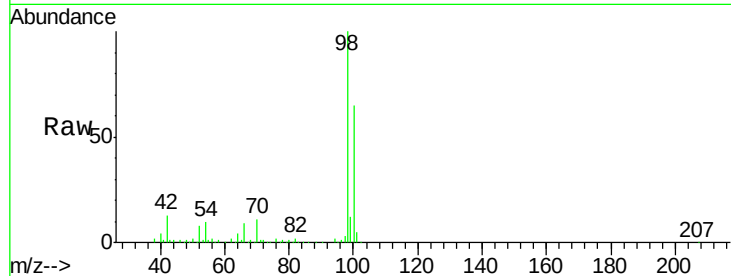




#50
Toluene-d8
Concen: 50.528 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066485.D
Acq: 31 Aug 2020 16:12

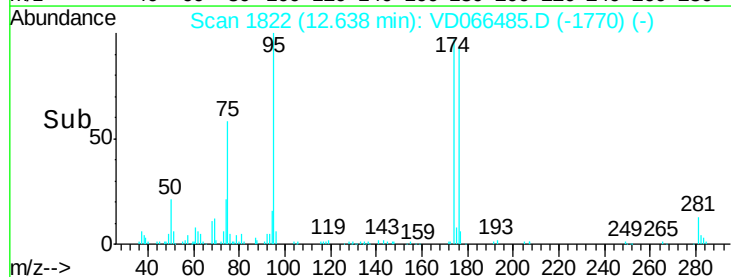
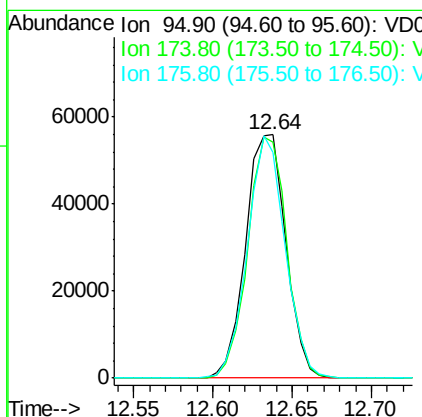
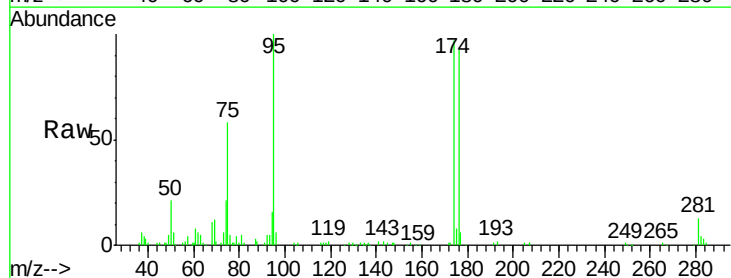
Instrument :
MSVOA_D
ClientSampleId :
LINDEN-JOP-BH-11-A

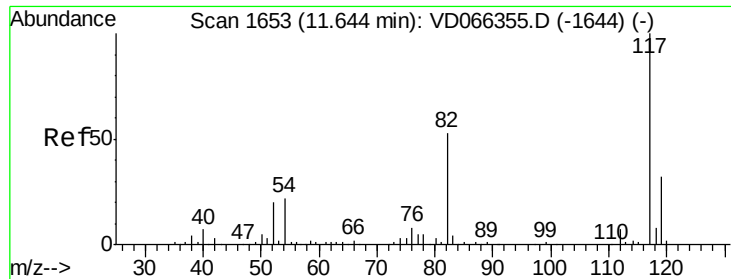
Tot Ion: 98 Resp: 287348
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.945 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD066485.D
Acq: 31 Aug 2020 16:12

Tgt Ion: 95 Resp: 98768
Ion Ratio Lower Upper
95 100
174 96.1 0.0 183.4
176 93.3 0.0 173.8

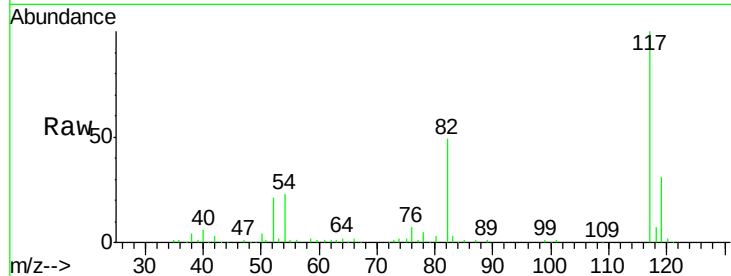




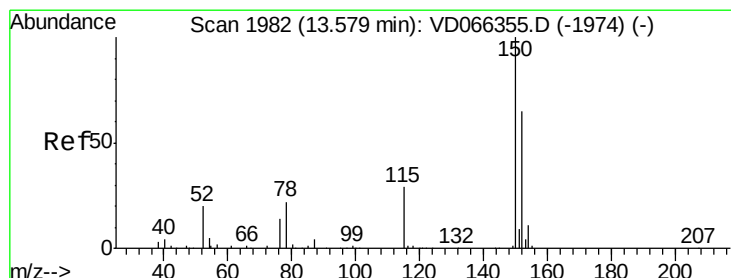
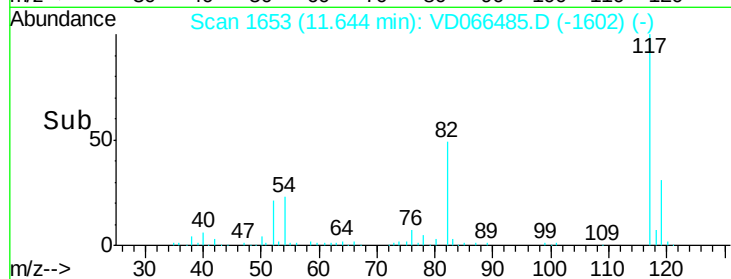
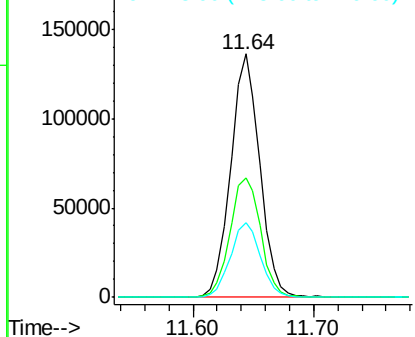
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066485.D
Acq: 31 Aug 2020 16:12

Instrument :
MSVOA_D
ClientSampleId :
LINDEN-JOP-BH-11-A

Tot Ion:117 Resp: 228052
Ion Ratio Lower Upper
117 100
82 49.1 42.8 64.2
119 30.9 25.8 38.8

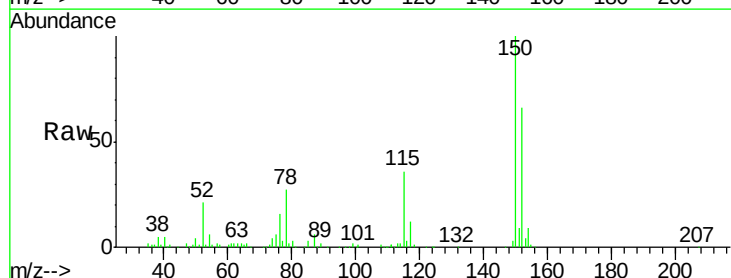


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066485.D
Acq: 31 Aug 2020 16:12

Tgt Ion:152 Resp: 112194
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 154.7 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

