

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067647.D
 Acq On : 16 Nov 2020 18:08
 Operator : VA/SY
 Sample : L4734-02RE
 Misc : 4.10G/5.01ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BARNUM-STREET-TEST-PIT-2RE

Quant Time: Nov 17 01:46:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

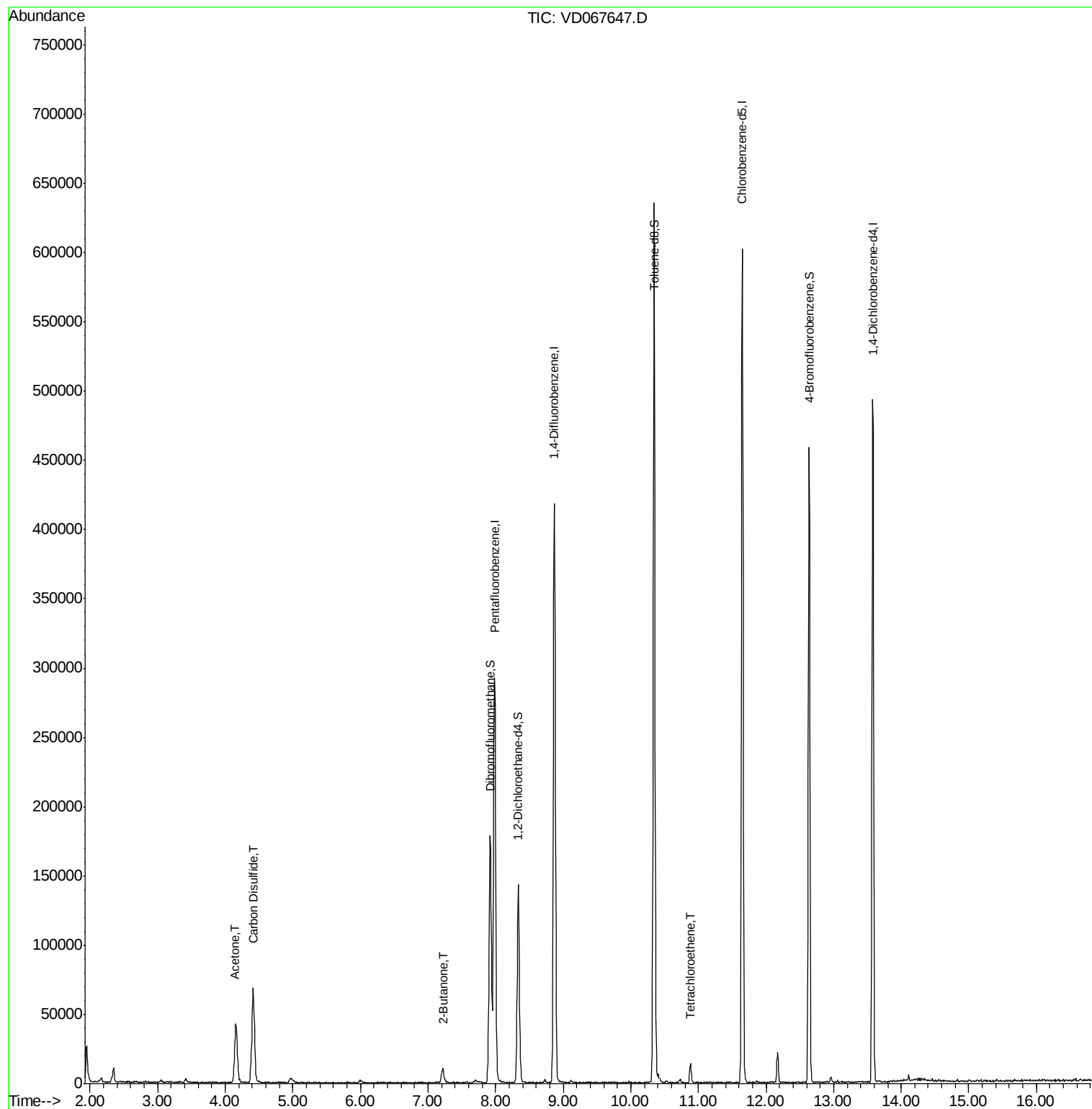
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	224053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	371323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	358997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	125052	63.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.66%	
35) Dibromofluoromethane	7.92	113	124029	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
50) Toluene-d8	10.34	98	438630	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
62) 4-Bromofluorobenzene	12.64	95	142012	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
Target Compounds						
16) Acetone	4.16	43	76137	259.704	ug/l	97
17) Carbon Disulfide	4.41	76	141855	24.755	ug/l	99
25) 2-Butanone	7.22	43	14687	46.885	ug/l #	74
64) Tetrachloroethene	10.88	164	2990	1.125	ug/l	90

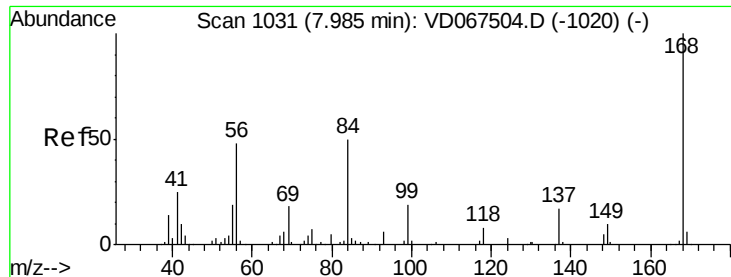
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067647.D

Acq: 16 Nov 2020 18:08

Instrument :

MSVOA_D

ClientSampleId :

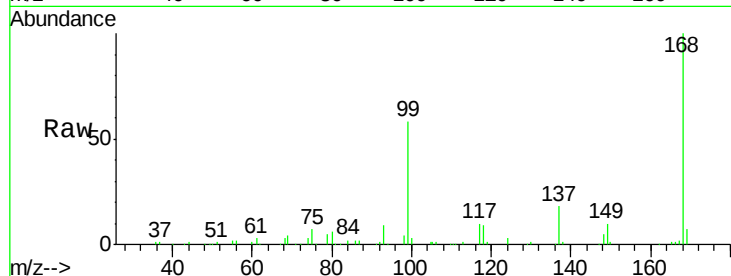
BARNUM-STREET-TEST-PIT-2RE

Tot Ion:168 Resp: 224053

Ion Ratio Lower Upper

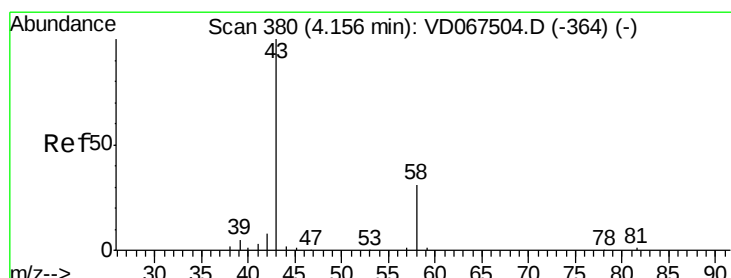
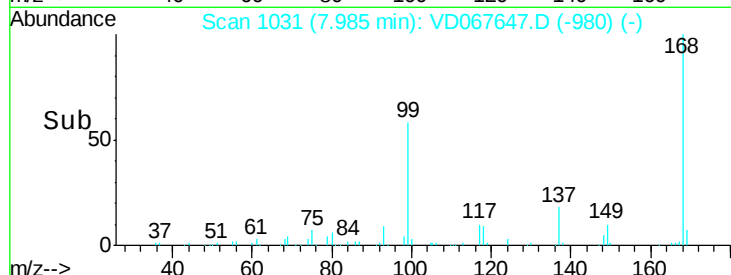
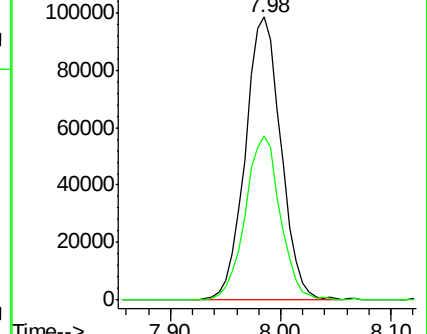
168 100

99 57.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 259.704 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067647.D

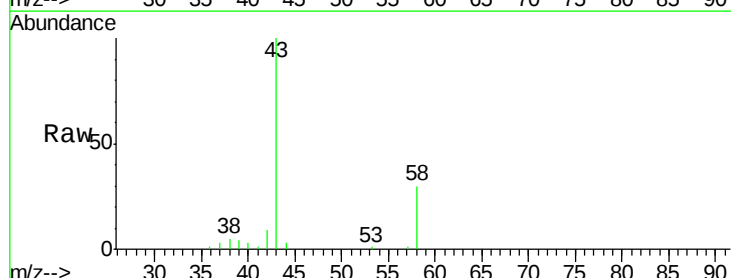
Acq: 16 Nov 2020 18:08

Tgt Ion: 43 Resp: 76137

Ion Ratio Lower Upper

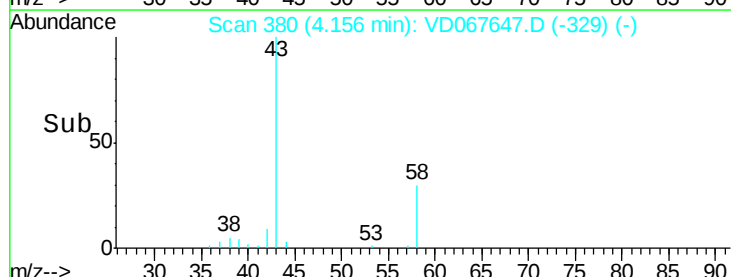
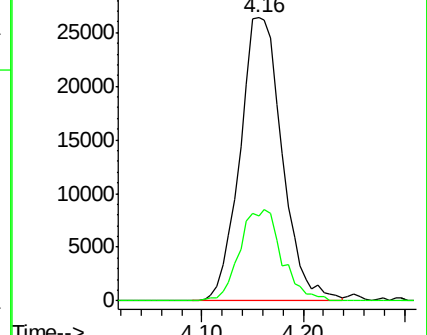
43 100

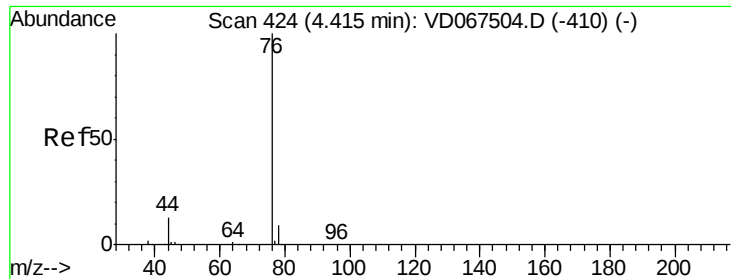
58 30.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

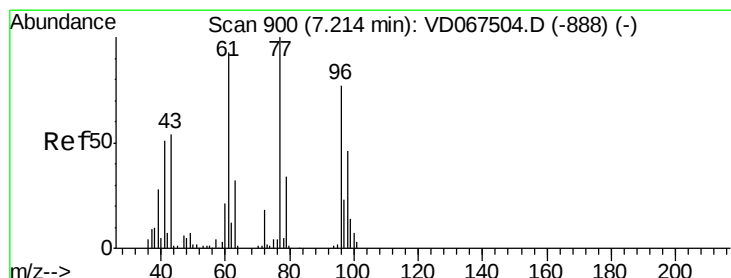
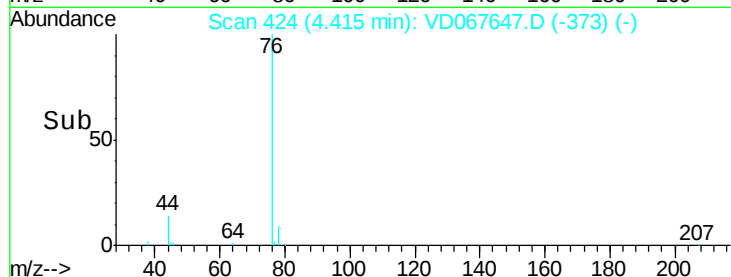
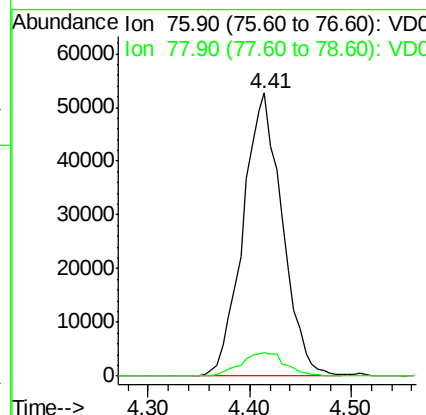
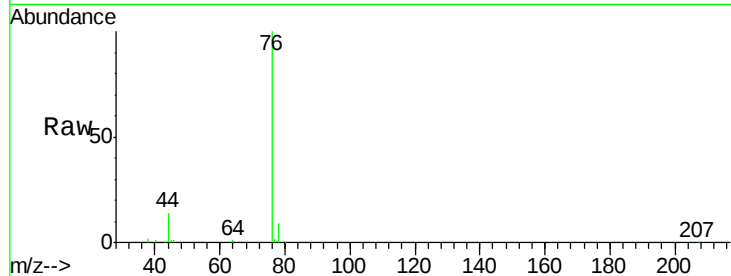




#17
Carbon Disulfide
Concen: 24.755 ug/l
RT: 4.41 min Scan# 424
Delta R.T. -0.00 min
Lab File: VD067647.D
Acq: 16 Nov 2020 18:08

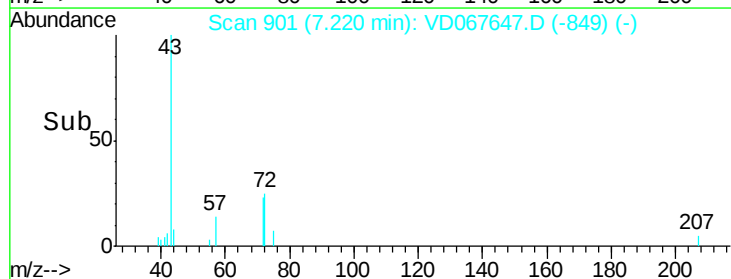
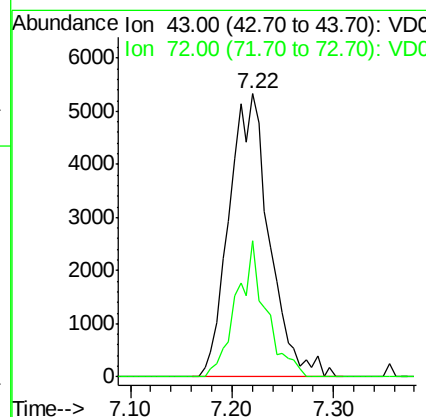
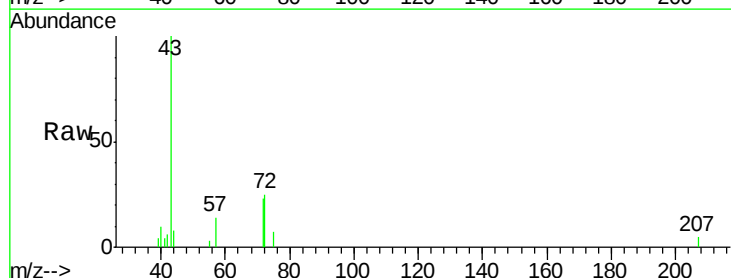
Instrument :
MSVOA_D
ClientSampleId :
BARNUM-STREET-TEST-PIT-2RE

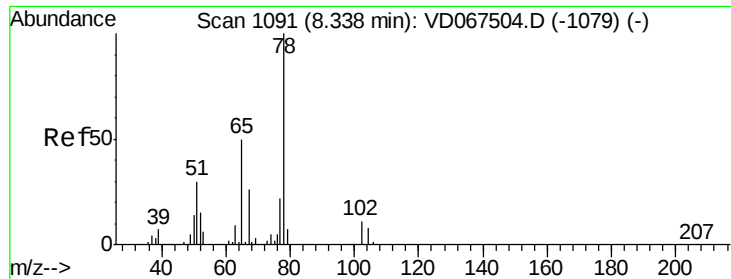
Tot Ion: 76 Resp: 141855
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#25
2-Butanone
Concen: 46.885 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067647.D
Acq: 16 Nov 2020 18:08

Tgt Ion: 43 Resp: 14687
Ion Ratio Lower Upper
43 100
72 48.0 26.4 39.6#





#33

1,2-Dichloroethane-d4

Concen: 63.831 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067647.D

Acq: 16 Nov 2020 18:08

Instrument :

MSVOA_D

ClientSampleId :

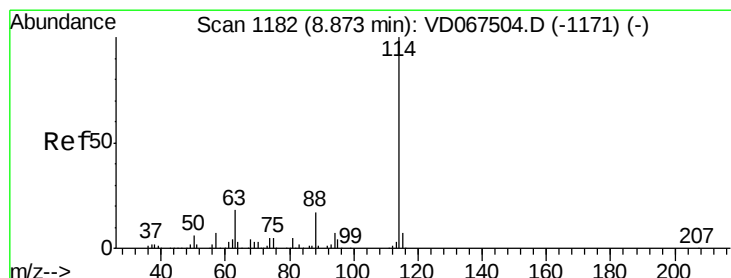
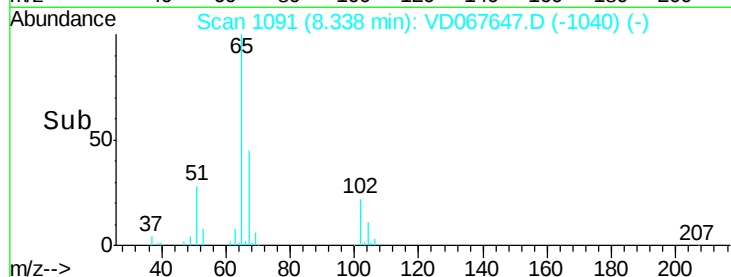
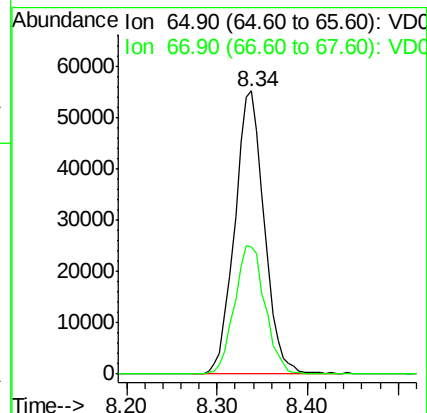
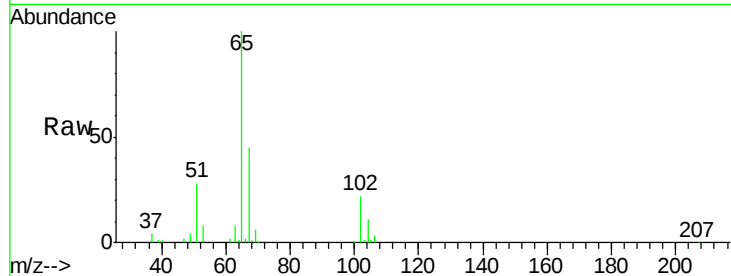
BARNUM-STREET-TEST-PIT-2RE

Tot Ion: 65 Resp: 125052

Ion Ratio Lower Upper

65 100

67 46.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067647.D

Acq: 16 Nov 2020 18:08

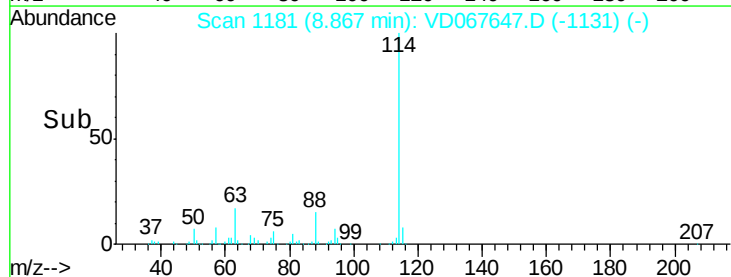
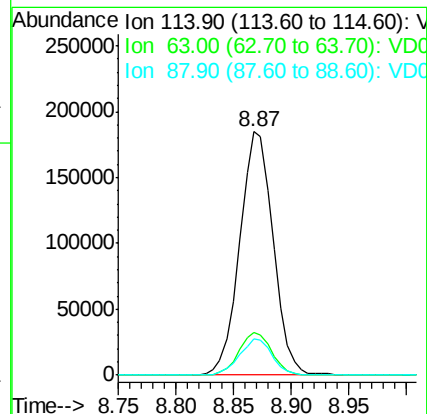
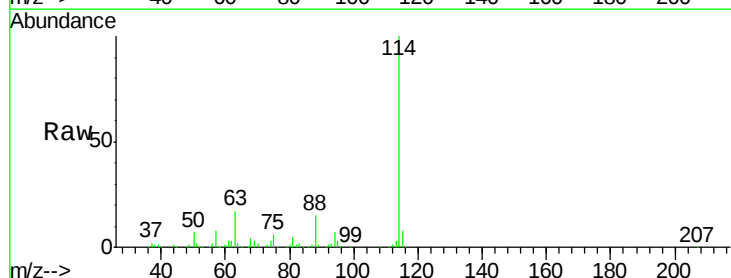
Tgt Ion: 114 Resp: 371323

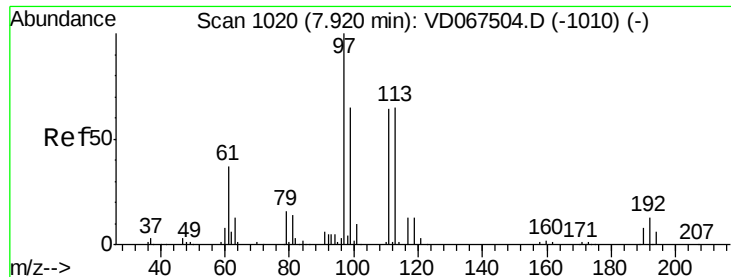
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 14.9 0.0 33.0

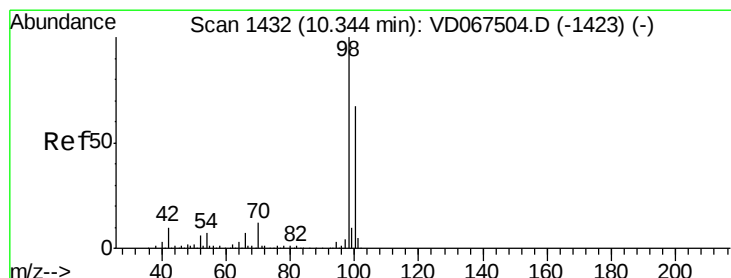
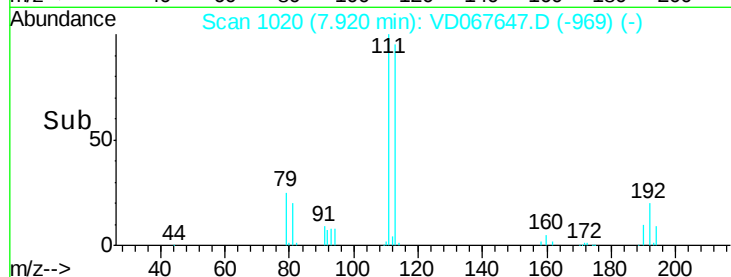
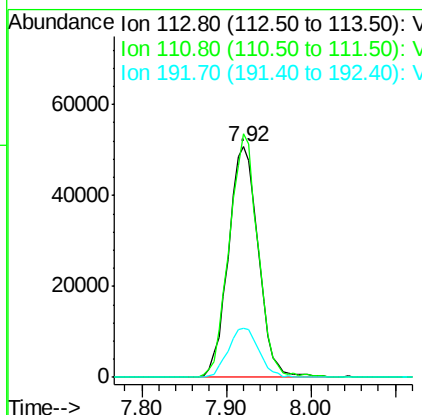
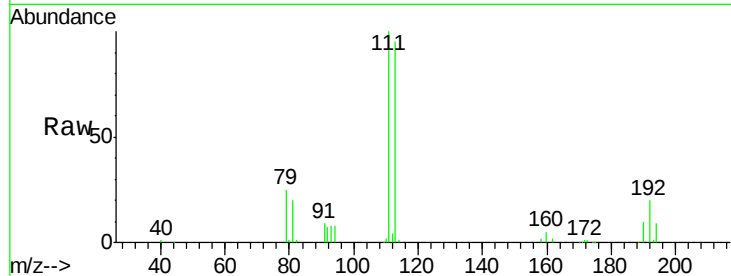




#35
 Dibromofluoromethane
 Concen: 55.439 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067647.D
 Acq: 16 Nov 2020 18:08

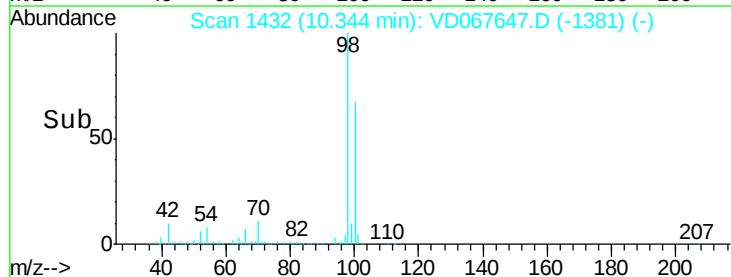
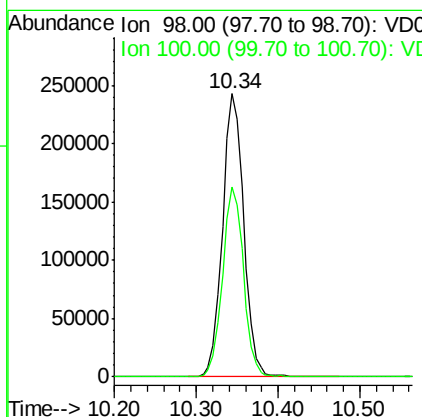
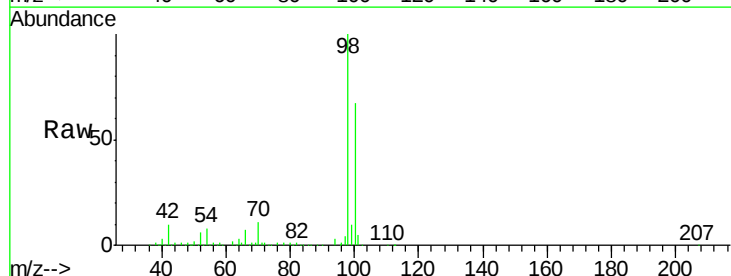
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 MSVOA_D
 ClientSampleId :
 BARNUM-STREET-TEST-PIT-2RE

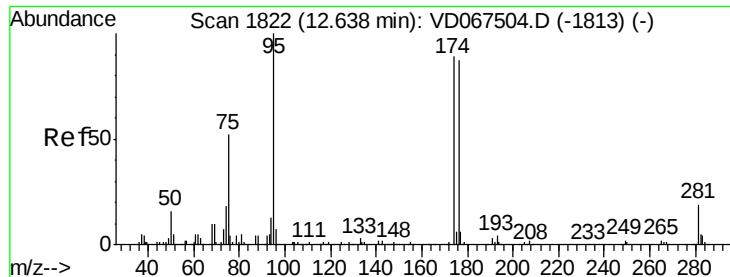
Tot Ion:113 Resp: 124029
 Ion Ratio Lower Upper
 113 100
 111 100.4 80.0 120.0
 192 21.6 16.3 24.5



#50
 Toluene-d8
 Concen: 55.791 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067647.D
 Acq: 16 Nov 2020 18:08

Tgt Ion: 98 Resp: 438630
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.6

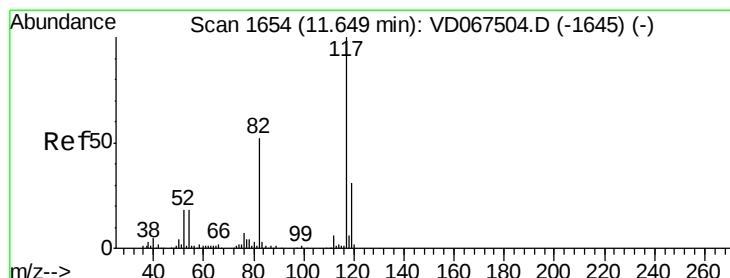
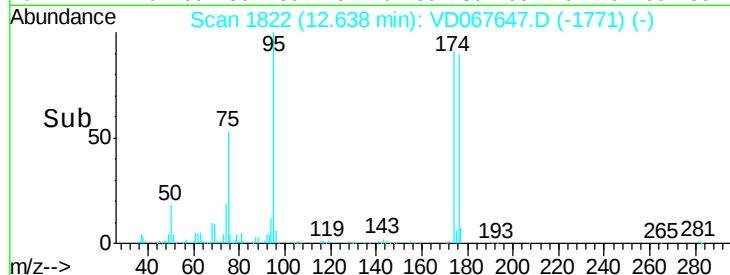
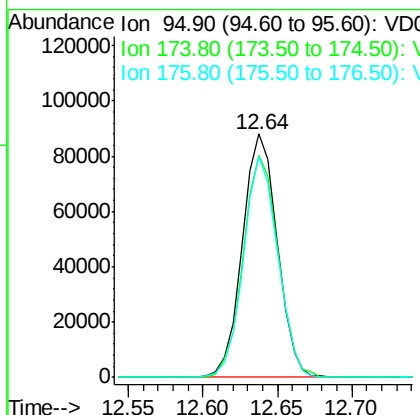
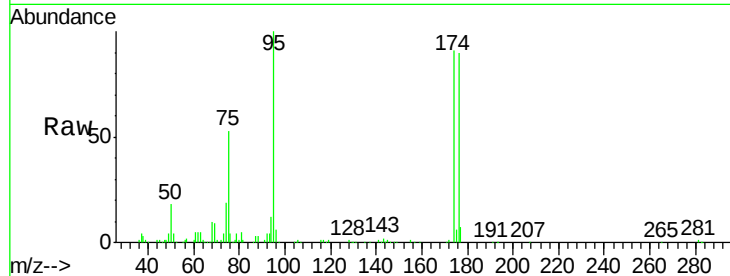




#62
4-Bromofluorobenzene
Concen: 52.319 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067647.D
Acq: 16 Nov 2020 18:08

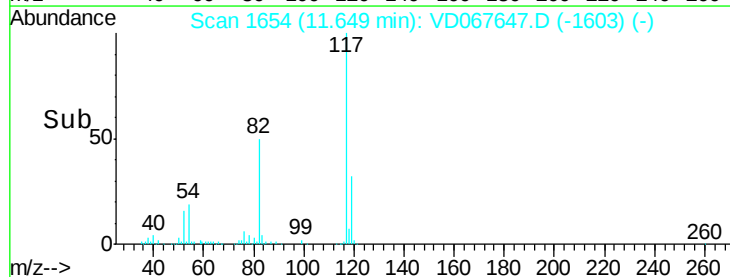
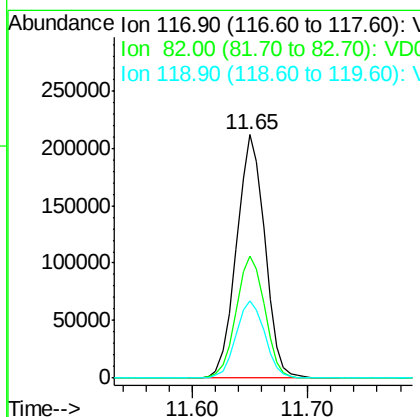
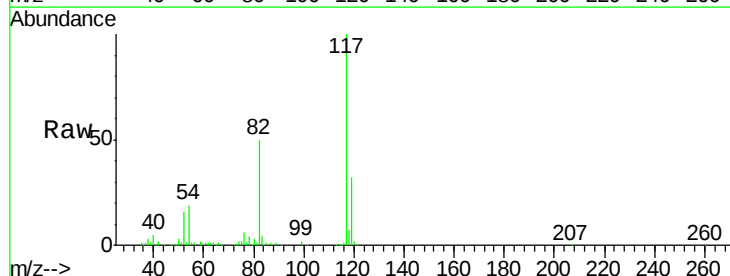
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MSVOA_D
ClientSampleId :
BARNUM-STREET-TEST-PIT-2RE

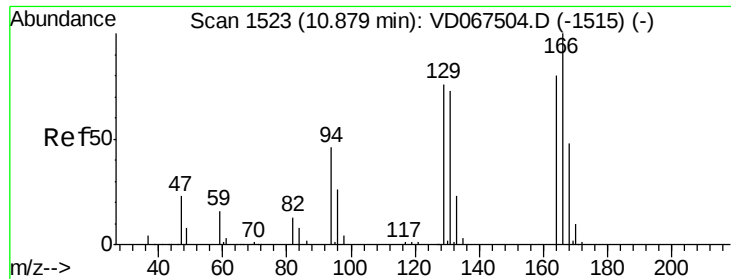
Tot Ion: 95 Resp: 142012
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.8
176 89.1 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067647.D
Acq: 16 Nov 2020 18:08

Tgt Ion: 117 Resp: 358997
Ion Ratio Lower Upper
117 100
82 50.3 41.6 62.4
119 31.6 25.1 37.7





#64

Tetrachloroethene

Concen: 1.125 ug/l

RT: 10.88 min Scan# 1524

Delta R.T. 0.01 min

Lab File: VD067647.D

Acq: 16 Nov 2020 18:08

Instrument :

MSVOA_D

ClientSampleId :

BARNUM-STREET-TEST-PIT-2RE

Tot Ion:164 Resp: 2990

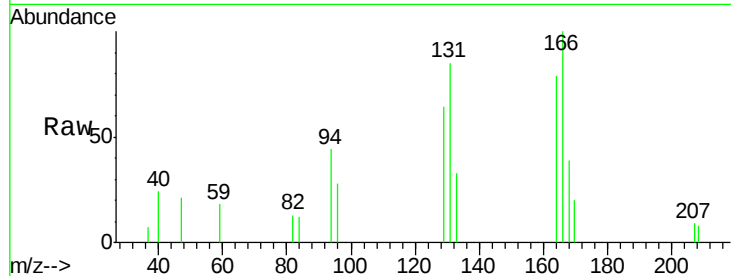
Ion Ratio Lower Upper

164 100

166 127.2 99.9 149.9

129 81.3 75.5 113.3

131 108.0 73.4 110.0

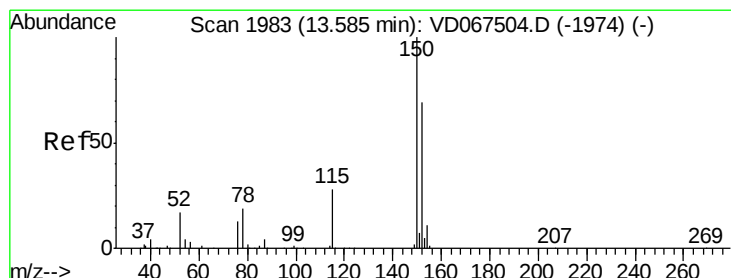
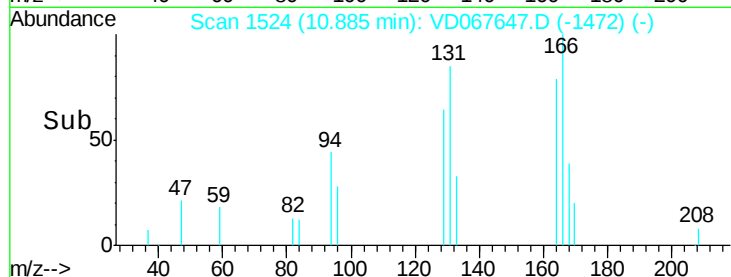
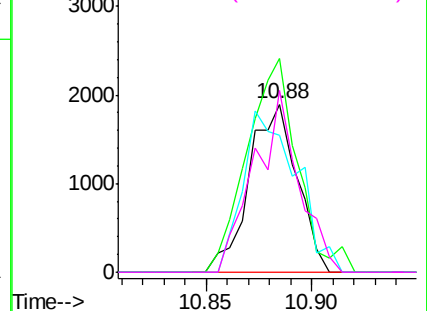


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067647.D

Acq: 16 Nov 2020 18:08

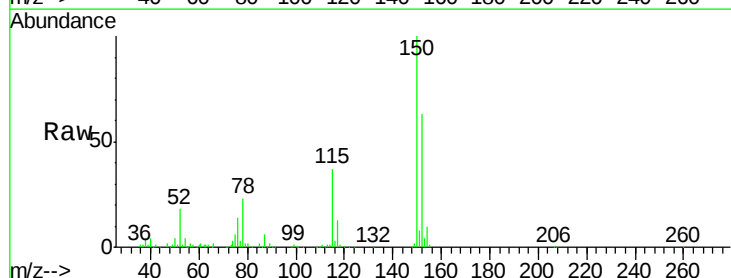
Tgt Ion:152 Resp: 138572

Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

150 158.5 0.0 338.2



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

