

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067636.D
 Acq On : 16 Nov 2020 13:07
 Operator : VA/SY
 Sample : L4734-02
 Misc : 4.11G/5.01ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 17 01:27:03 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

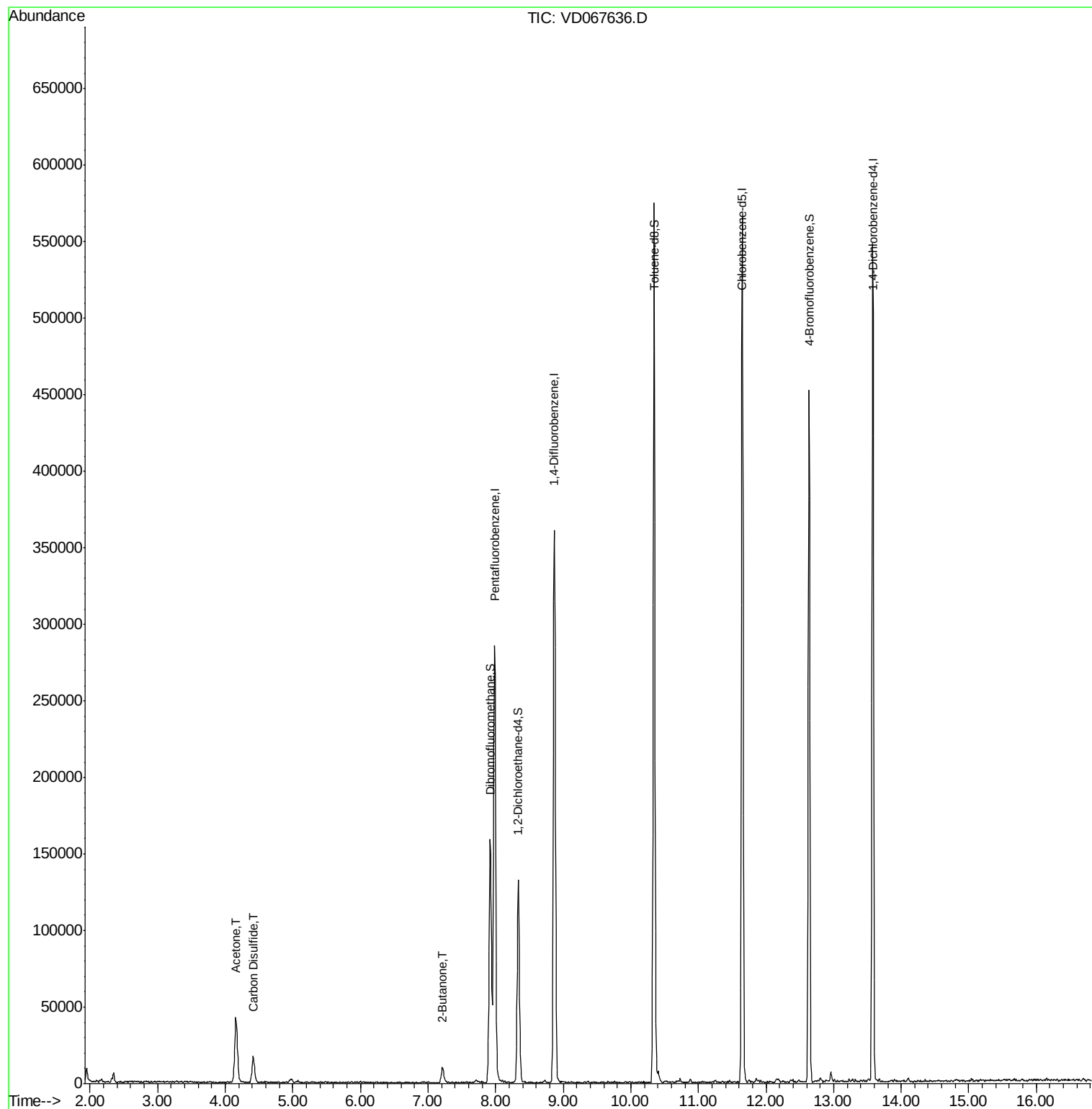
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	219300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	330747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	334371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	152453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117738	61.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.80%	
35) Dibromofluoromethane	7.92	113	110600	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
50) Toluene-d8	10.34	98	383753	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
62) 4-Bromofluorobenzene	12.64	95	140685	58.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.38%	
Target Compounds						
16) Acetone	4.16	43	75230	262.172	ug/l	98
17) Carbon Disulfide	4.41	76	34295	6.114	ug/l	97
25) 2-Butanone	7.21	43	14472	47.200	ug/l	93

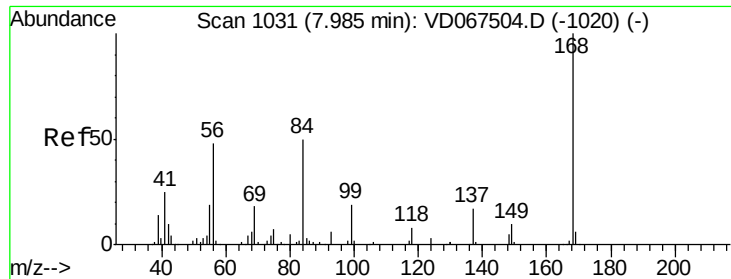
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067636.D

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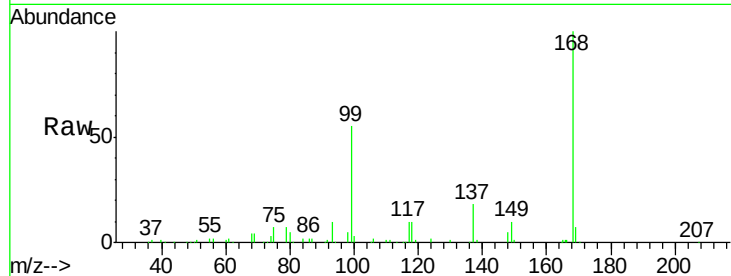
BARNUM-STREET-TEST-PIT-2

Tot Ion:168 Resp: 219300

Ion Ratio Lower Upper

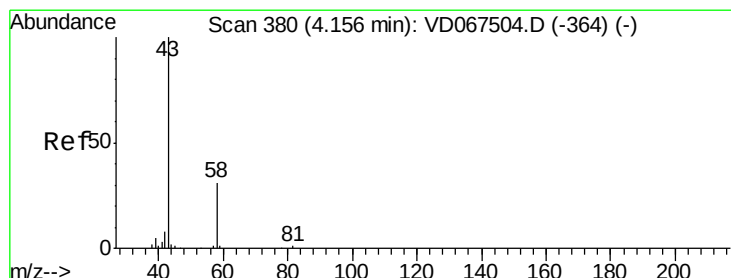
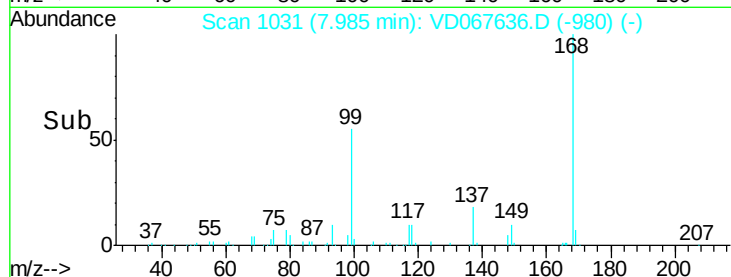
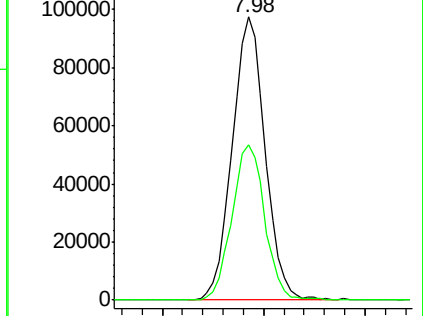
168 100

99 54.8 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: 262.172 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067636.D

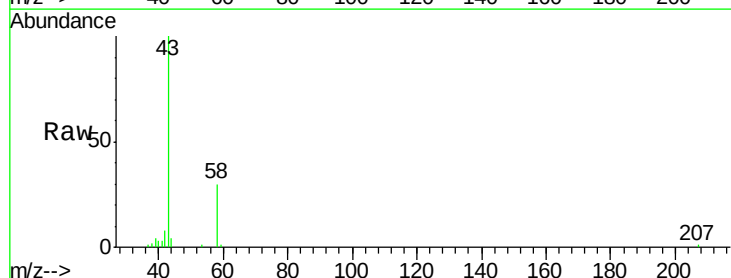
Acq: 16 Nov 2020 13:07

Tgt Ion: 43 Resp: 75230

Ion Ratio Lower Upper

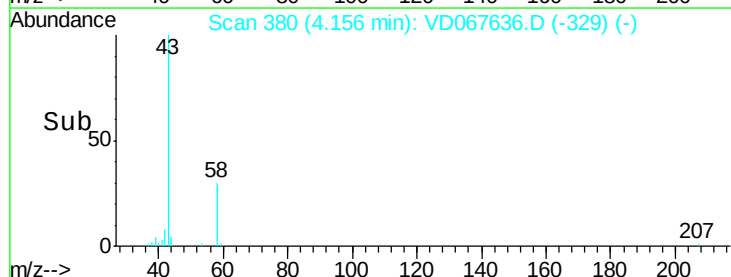
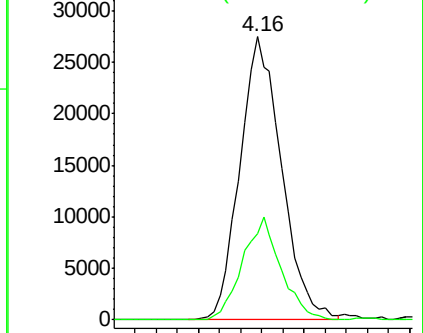
43 100

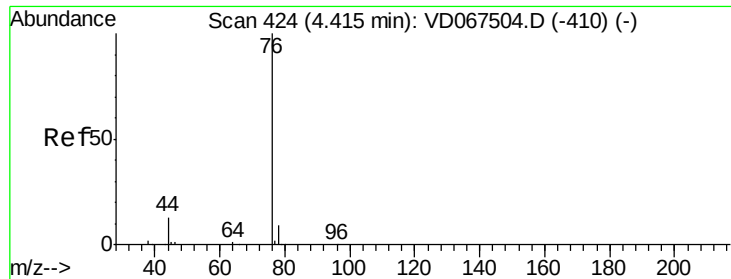
58 30.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 6.114 ug/l

RT: 4.41 min Scan# 424

Delta R.T. -0.00 min

Lab File: VD067636.D

Acq: 16 Nov 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

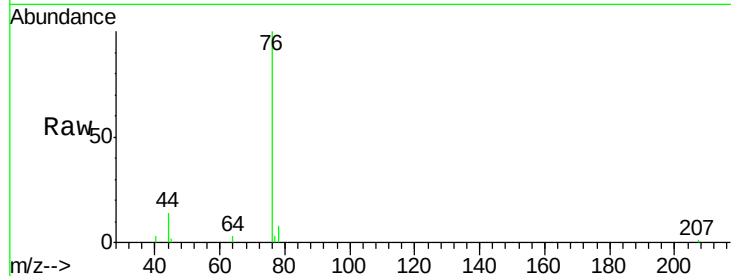
BARNUM-STREET-TEST-PIT-2

Tot Ion: 76 Resp: 34295

Ion Ratio Lower Upper

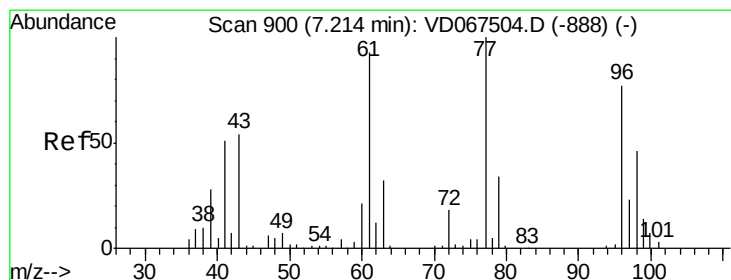
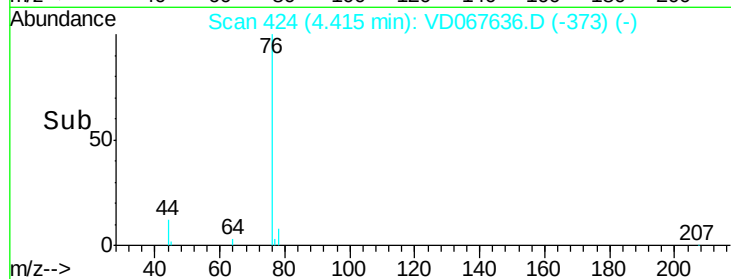
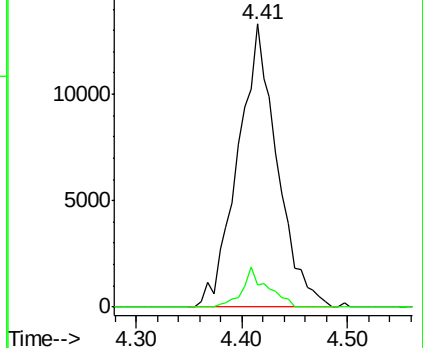
76 100

78 8.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 47.200 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067636.D

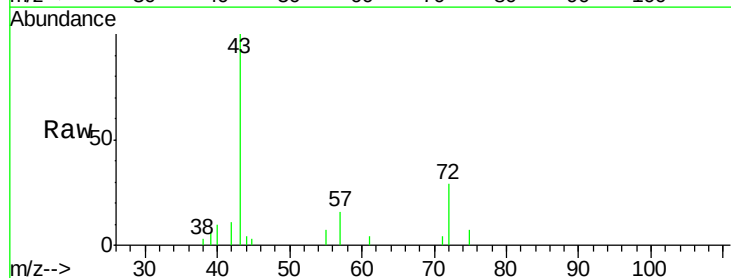
Acq: 16 Nov 2020 13:07

Tgt Ion: 43 Resp: 14472

Ion Ratio Lower Upper

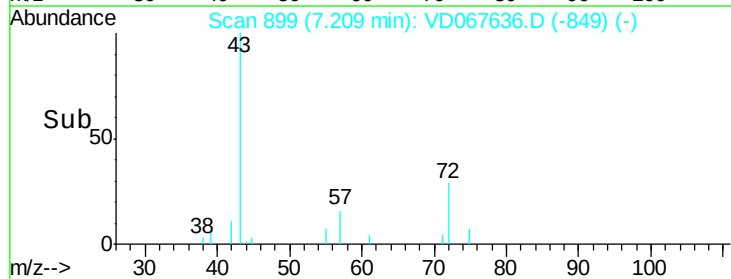
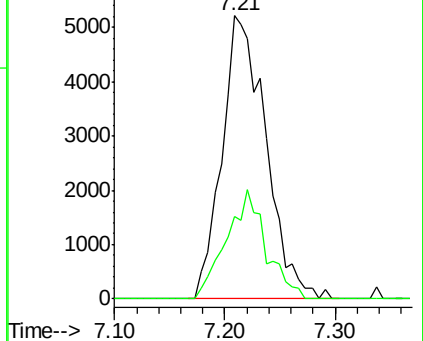
43 100

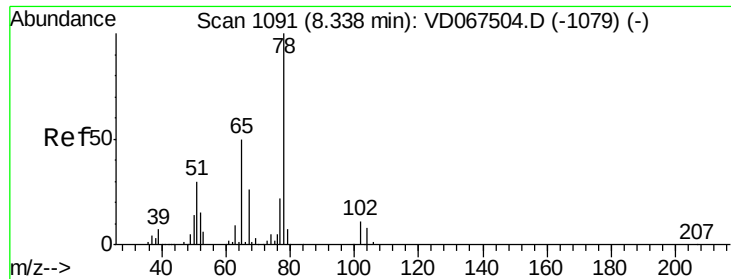
72 29.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

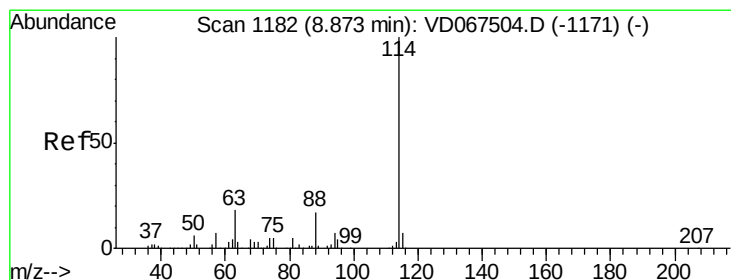
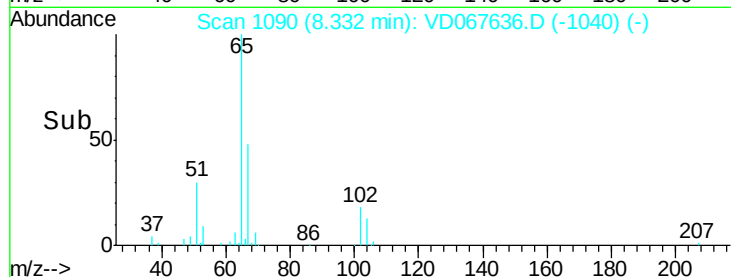
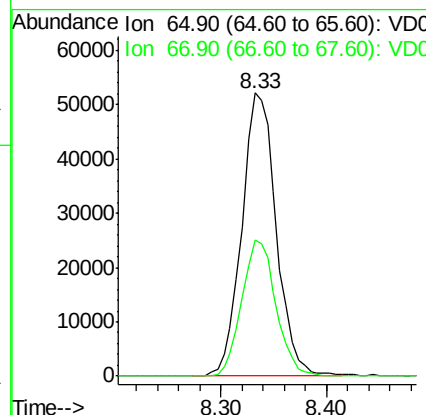
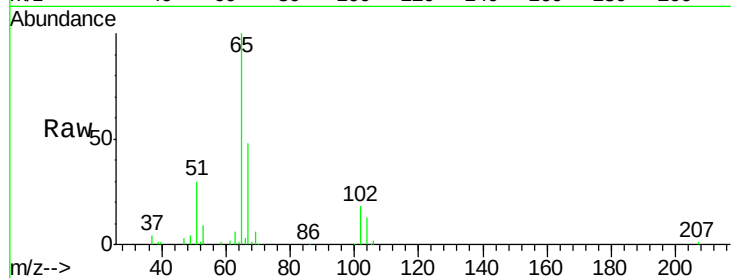




#33
 1,2-Dichloroethane-d4
 Concen: 61.401 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067636.D
 Acq: 16 Nov 2020 13:07

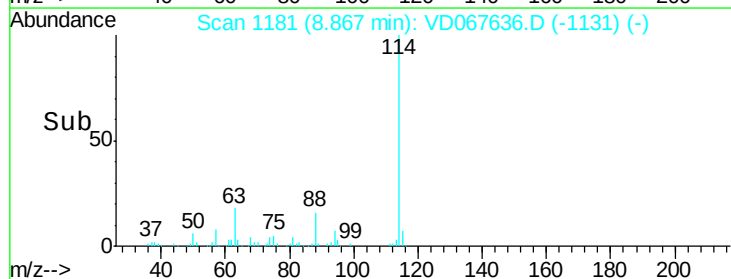
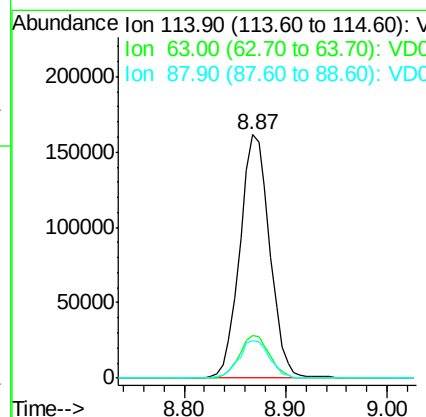
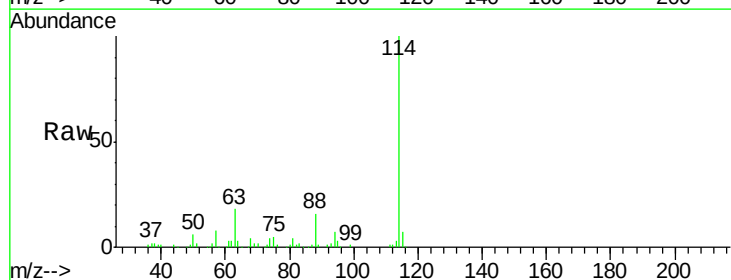
Instrument :
 MSVOA_D
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 BARNUM-STREET-TEST-PIT-2

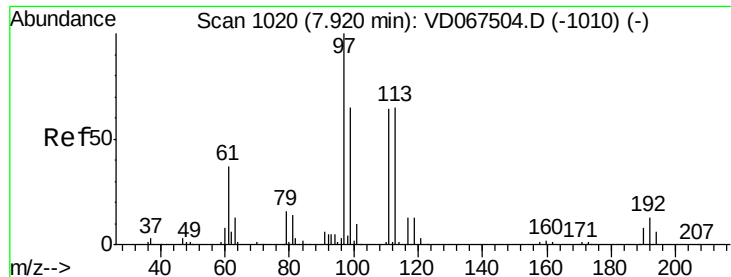
Tot Ion: 65 Resp: 117738
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067636.D
 Acq: 16 Nov 2020 13:07

Tgt Ion: 114 Resp: 330747
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.0
 88 15.5 0.0 33.0

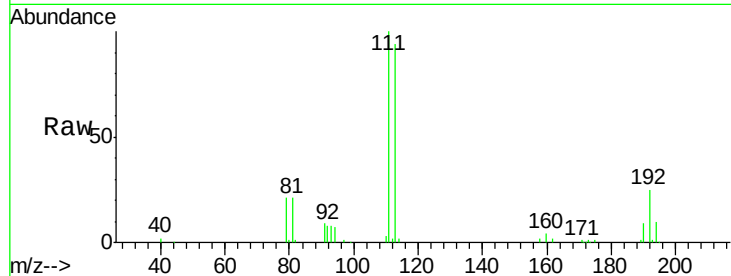




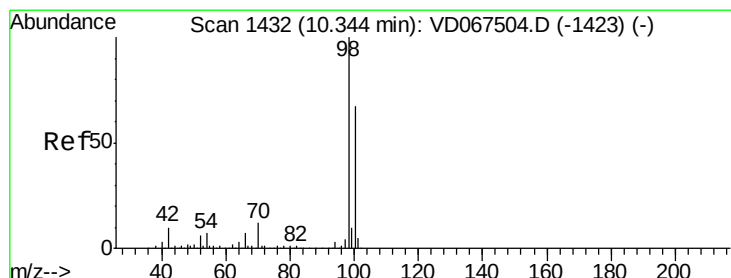
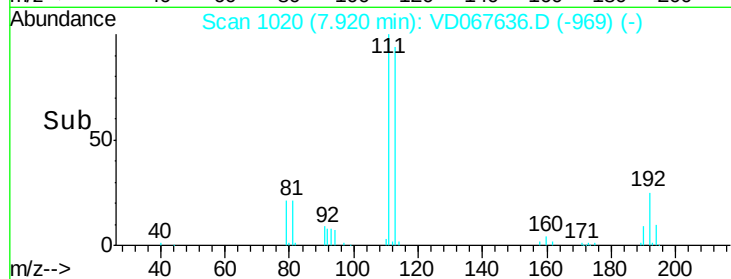
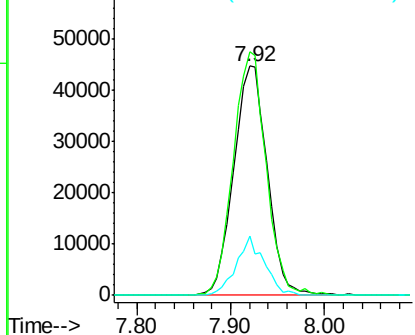
#35
 Dibromofluoromethane
 Concen: 55.501 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067636.D
 Acq: 16 Nov 2020 13:07

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

Tot Ion:113 Resp: 110600
 Ion Ratio Lower Upper
 113 100
 111 104.3 80.0 120.0
 192 21.7 16.3 24.5

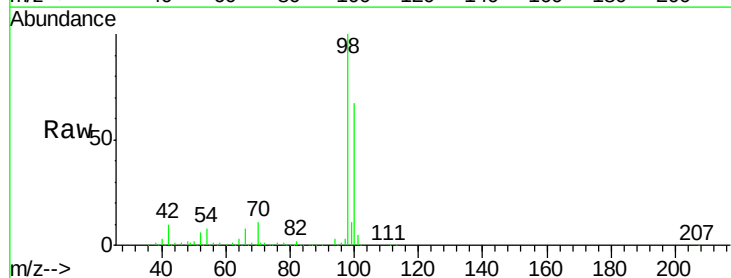


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

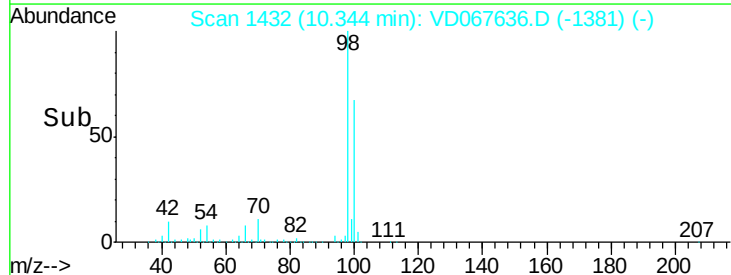
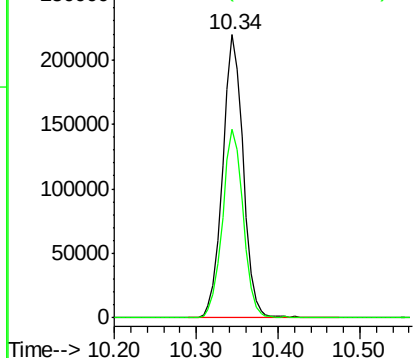


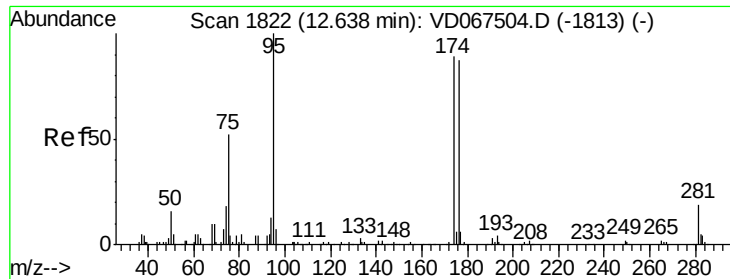
#50
 Toluene-d8
 Concen: 54.799 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067636.D
 Acq: 16 Nov 2020 13:07

Tgt Ion: 98 Resp: 383753
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

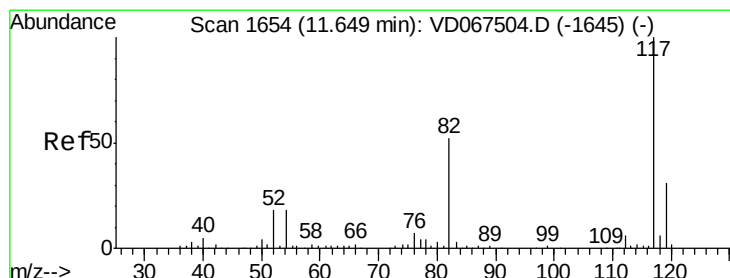
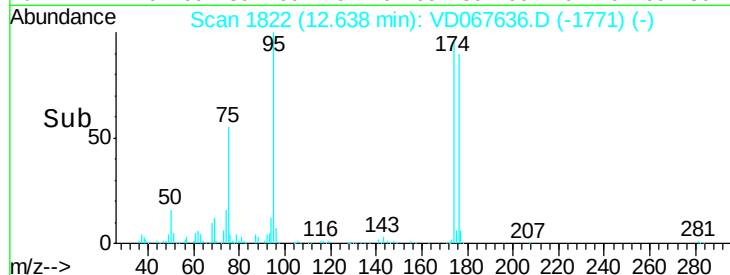
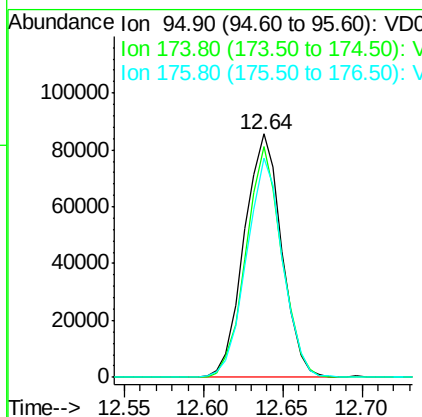
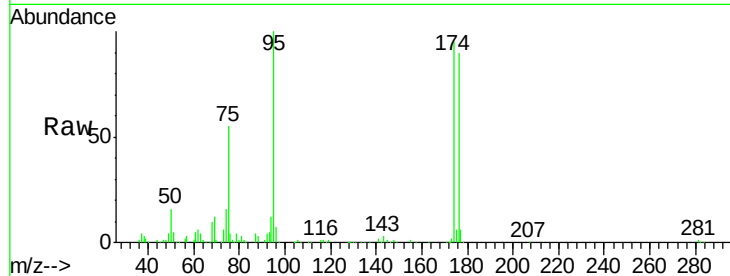




#62
4-Bromofluorobenzene
Concen: 58.188 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067636.D
Acq: 16 Nov 2020 13:07

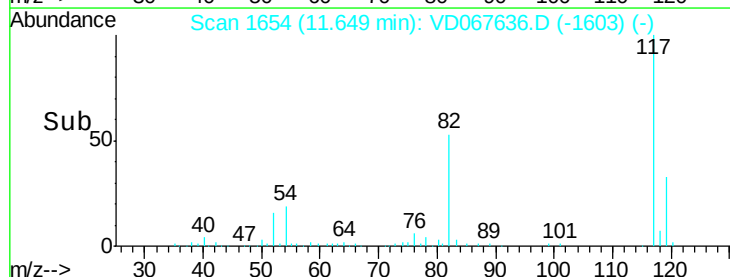
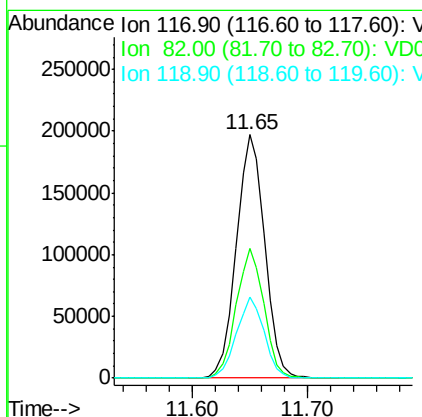
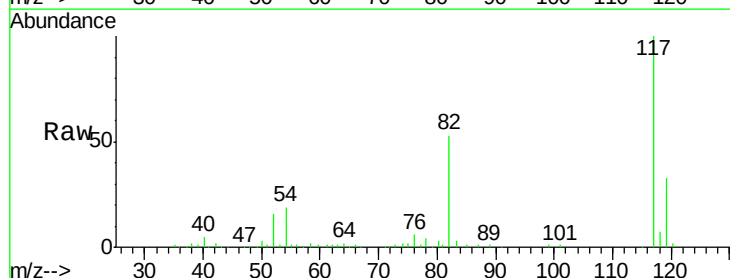
Instrument :
MSVOA_D
ClientSampleId :
BARNUM-STREET-TEST-PIT-2

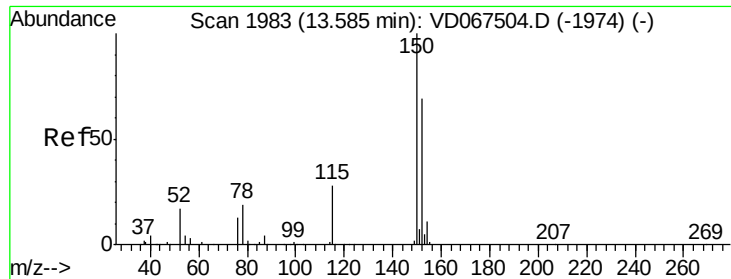
Tot Ion: 95 Resp: 140685
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.8
176 87.0 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067636.D
Acq: 16 Nov 2020 13:07

Tgt Ion: 117 Resp: 334371
Ion Ratio Lower Upper
117 100
82 53.2 41.6 62.4
119 33.1 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067636.D

Acq: 16 Nov 2020 13:07

Instrument :

MSVOA_D

ClientSampleId :

BARNUM-STREET-TEST-PIT-2

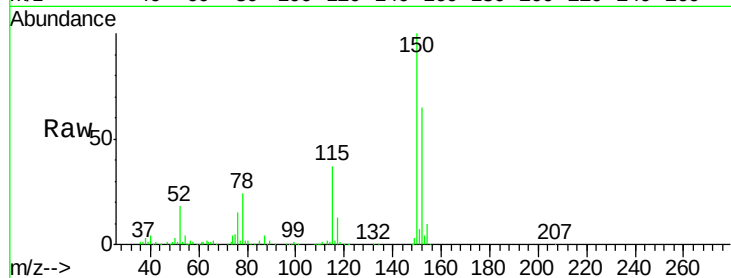
Tot Ion:152 Resp: 152453

Ion Ratio Lower Upper

152 100

115 57.2 29.3 88.0

150 155.8 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

