

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067635.D
 Acq On : 16 Nov 2020 12:40
 Operator : VA/SY
 Sample : L4734-01
 Misc : 5.11G/5.01ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BARNUM-STREET-TEST-PIT-1

Quant Time: Nov 17 01:24:39 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

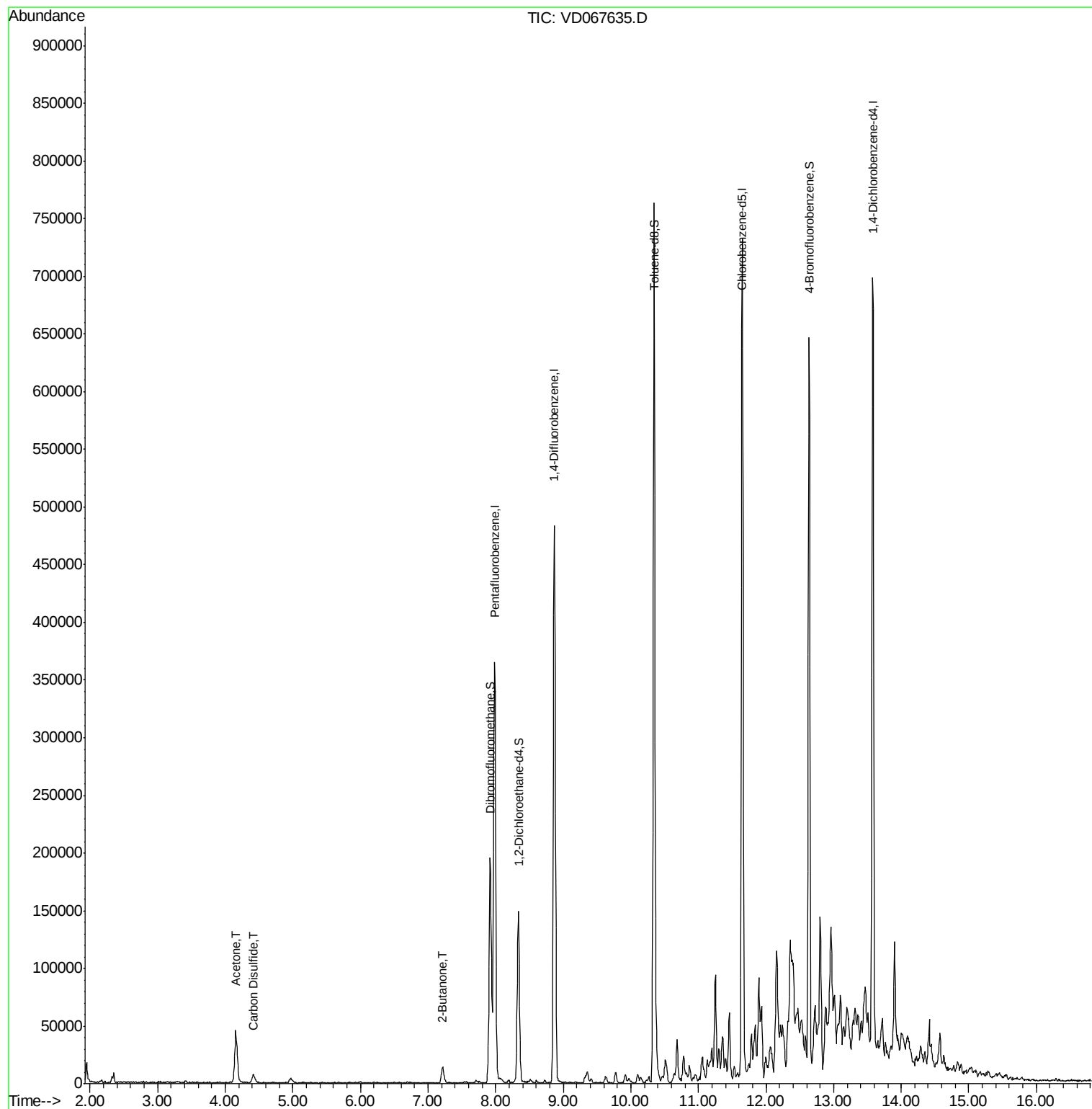
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	277392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	431107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	441143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	195238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	134198	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
35) Dibromofluoromethane	7.92	113	133721	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	10.34	98	510822	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.92%	
62) 4-Bromofluorobenzene	12.64	95	192110	60.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.92%	
Target Compounds						
16) Acetone	4.16	43	75762	208.733	ug/l	92
17) Carbon Disulfide	4.41	76	12790	1.803	ug/l	98
25) 2-Butanone	7.21	43	18827	48.544	ug/l #	83

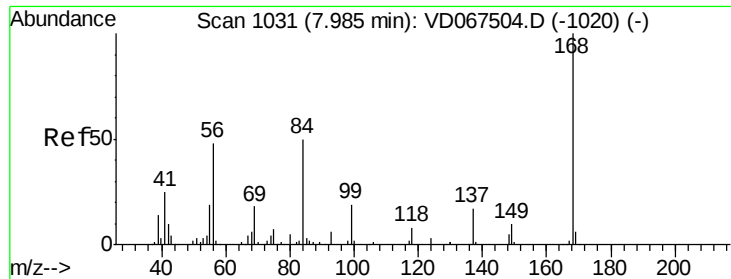
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067635.D

Acq: 16 Nov 2020 12:40

Instrument :

MSVOA_D

ClientSampleId :

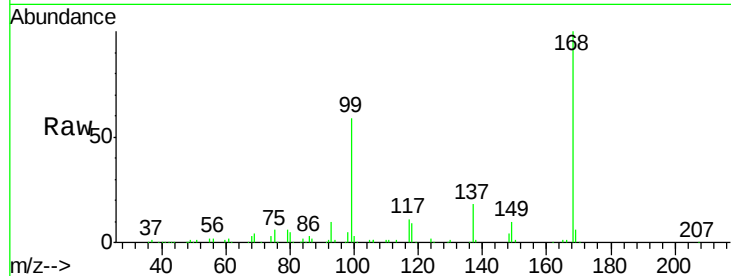
BARNUM-STREET-TEST-PIT-1

Tot Ion:168 Resp: 277392

Ion Ratio Lower Upper

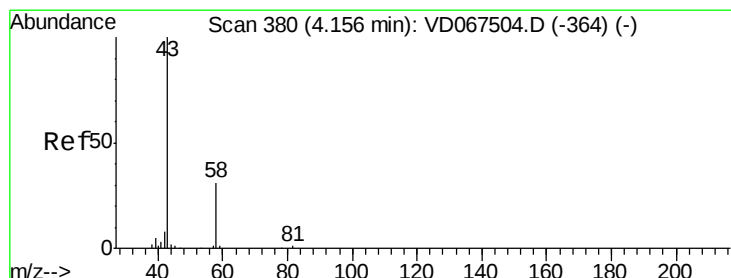
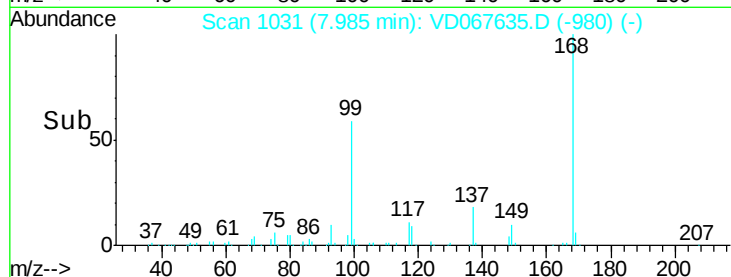
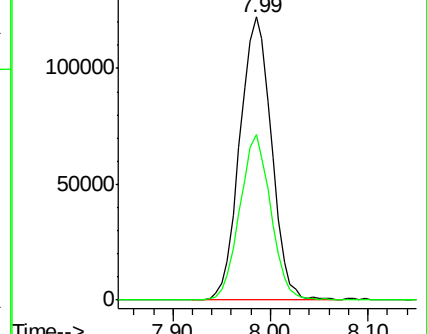
168 100

99 58.7 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: 208.733 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067635.D

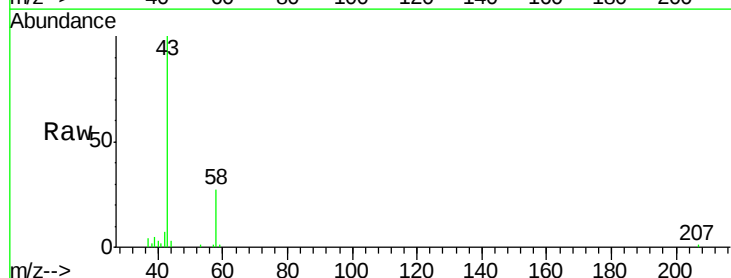
Acq: 16 Nov 2020 12:40

Tgt Ion: 43 Resp: 75762

Ion Ratio Lower Upper

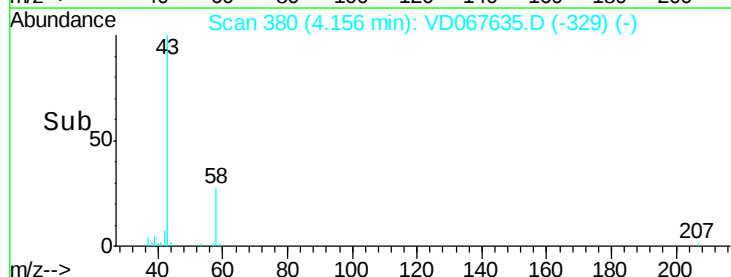
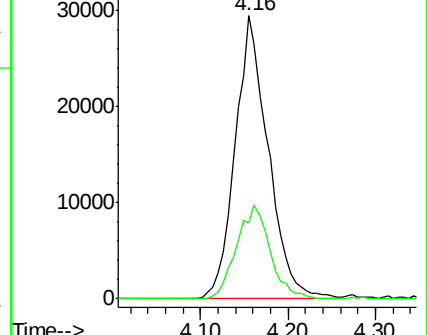
43 100

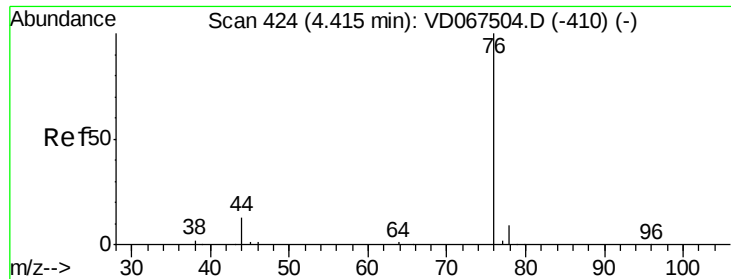
58 26.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.803 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.00 min

Lab File: VD067635.D

Acq: 16 Nov 2020 12:40

Instrument :

MSVOA_D

ClientSampleId :

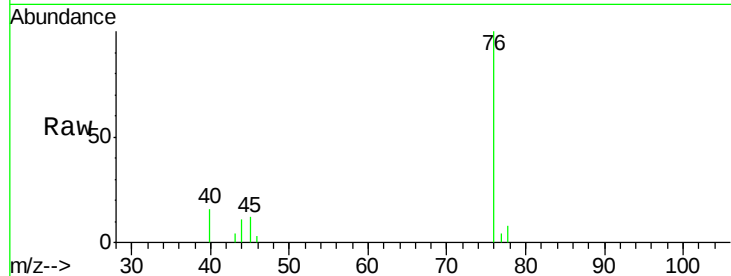
BARNUM-STREET-TEST-PIT-1

Tot Ion: 76 Resp: 12790

Ion Ratio Lower Upper

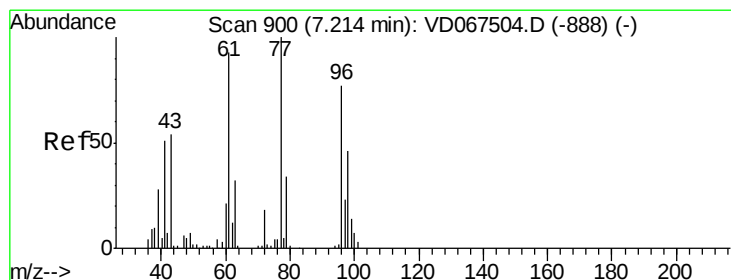
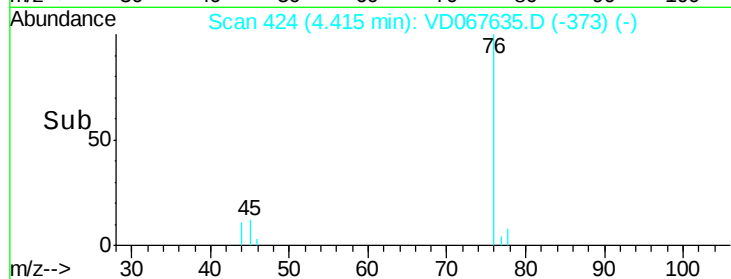
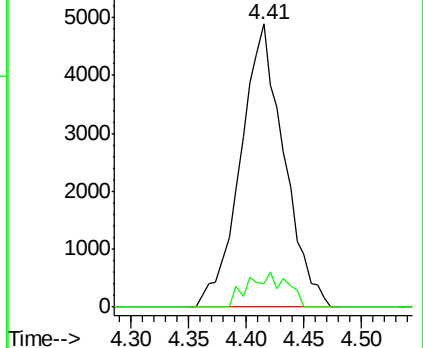
76 100

78 8.4 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: 48.544 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067635.D

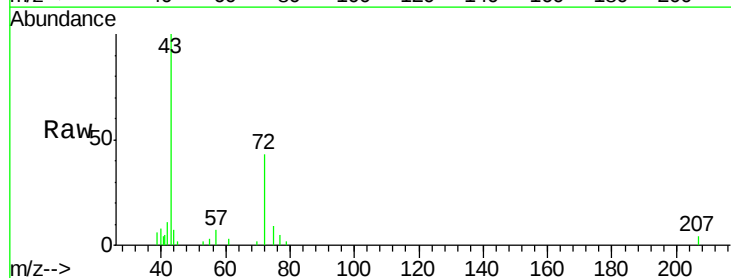
Acq: 16 Nov 2020 12:40

Tgt Ion: 43 Resp: 18827

Ion Ratio Lower Upper

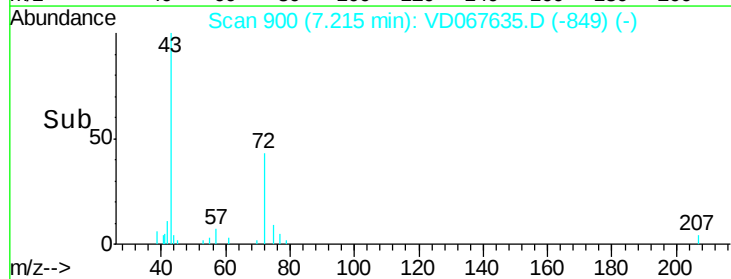
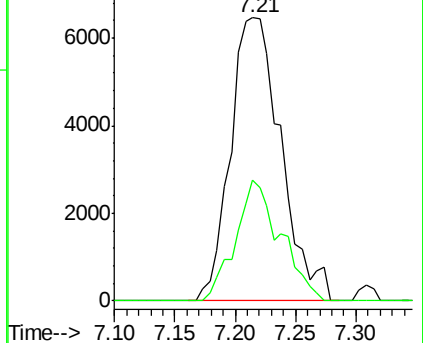
43 100

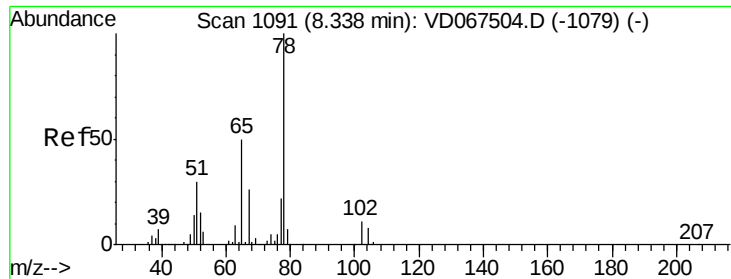
72 42.5 26.4 39.6#



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: 55.328 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067635.D

Acq: 16 Nov 2020 12:40

Instrument :

MSVOA_D

ClientSampleId :

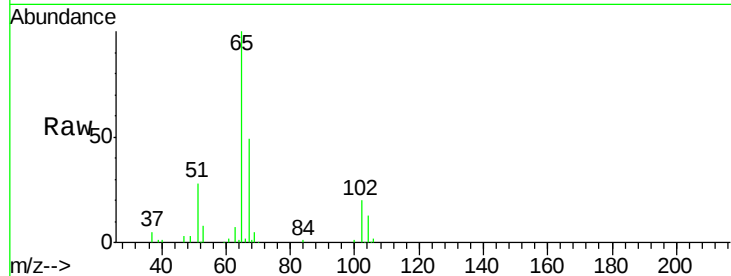
BARNUM-STREET-TEST-PIT-1

Tot Ion: 65 Resp: 134198

Ion Ratio Lower Upper

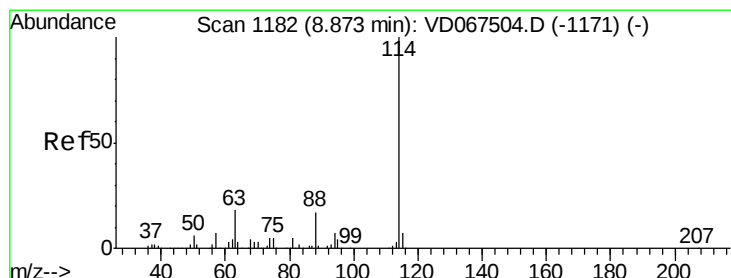
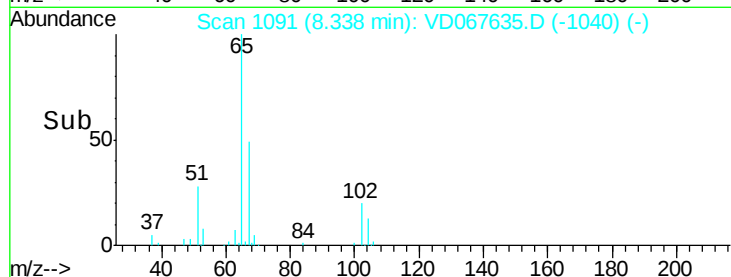
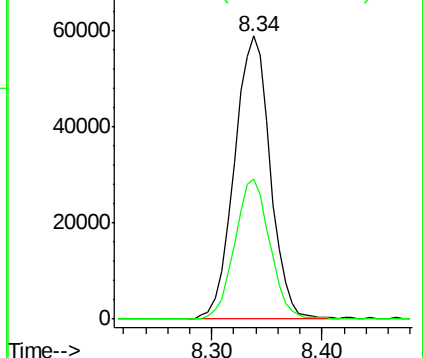
65 100

67 48.4 0.0 99.4



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: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067635.D

Acq: 16 Nov 2020 12:40

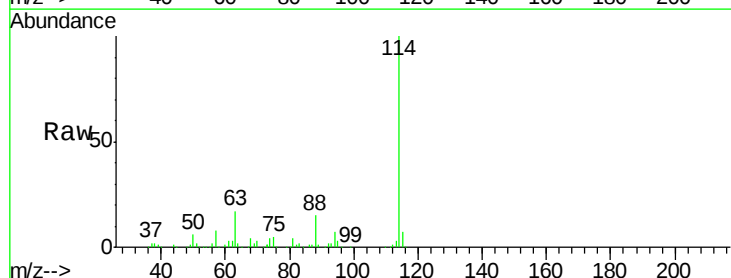
Tgt Ion: 114 Resp: 431107

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

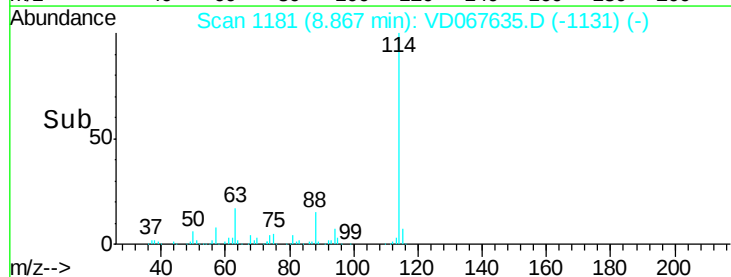
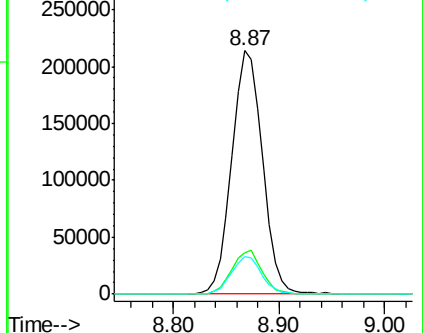
88 15.2 0.0 33.0

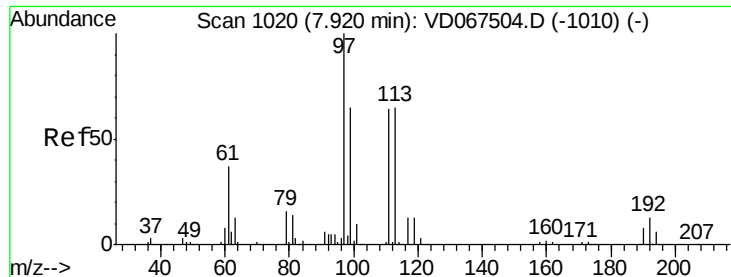


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

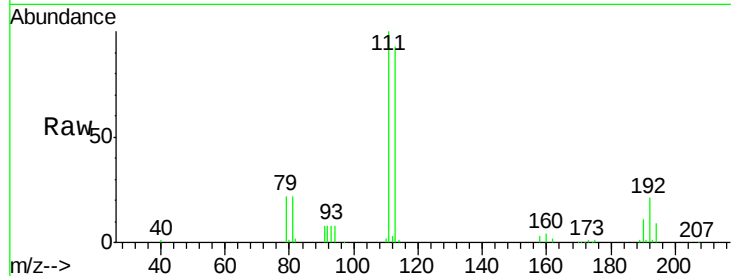




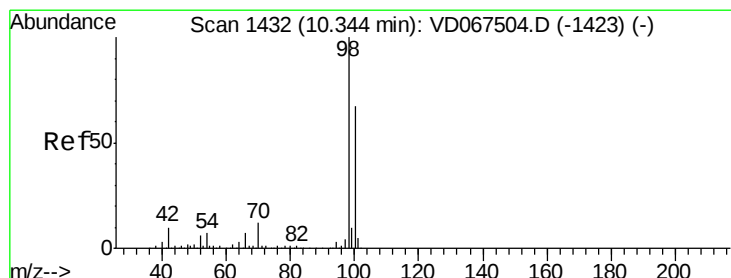
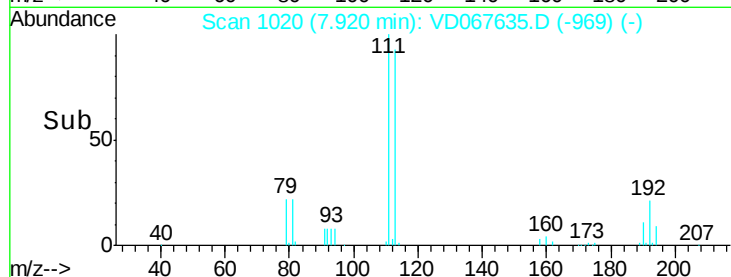
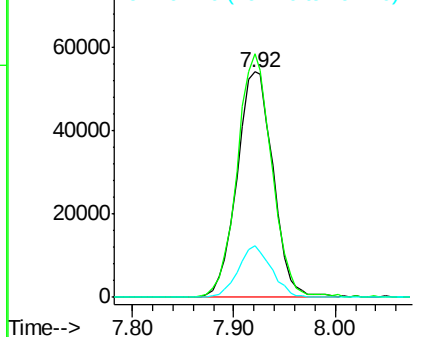
#35
 Dibromofluoromethane
 Concen: 51.482 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067635.D
 Acq: 16 Nov 2020 12:40

Instrument :
 MSVOA_D
 ClientSampleId :
 BARNUM-STREET-TEST-PIT-1

Tot Ion:113 Resp: 133721
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.0 120.0
 192 21.1 16.3 24.5

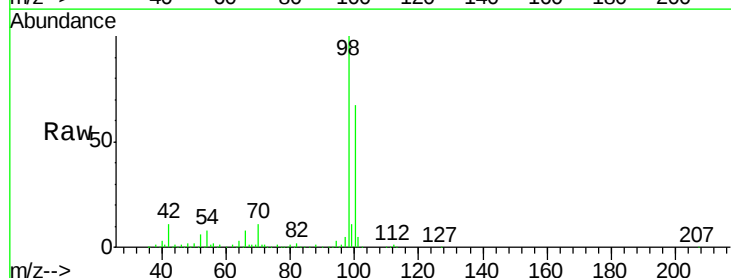


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

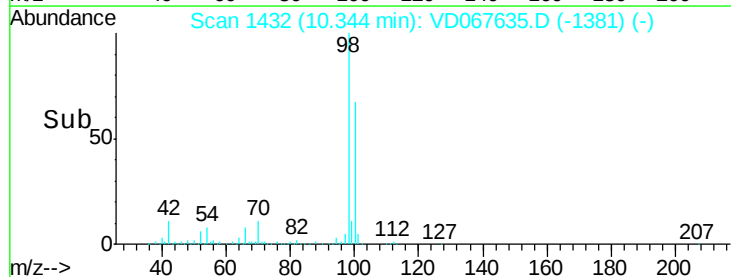
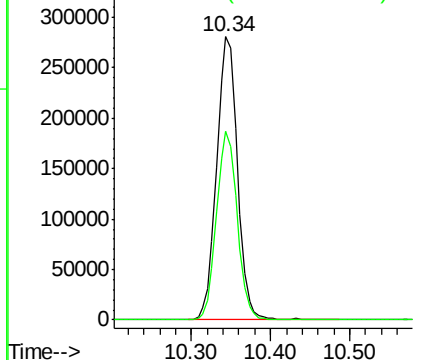


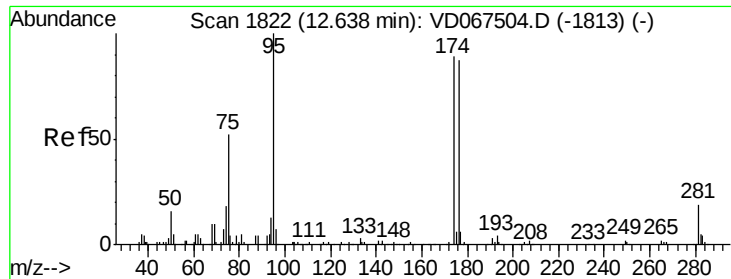
#50
 Toluene-d8
 Concen: 55.963 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067635.D
 Acq: 16 Nov 2020 12:40

Tgt Ion: 98 Resp: 510822
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.0 79.6



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

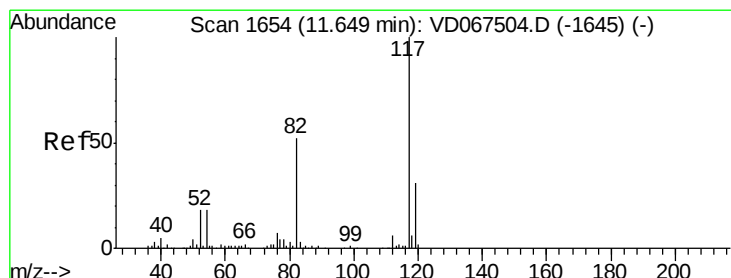
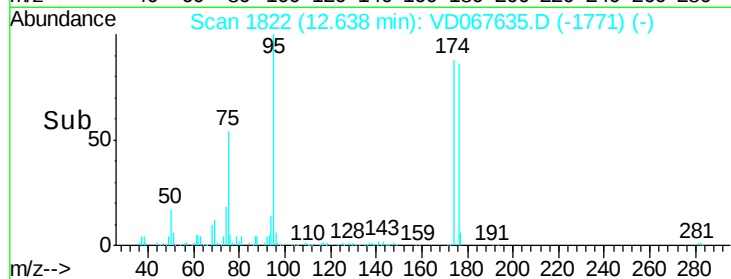
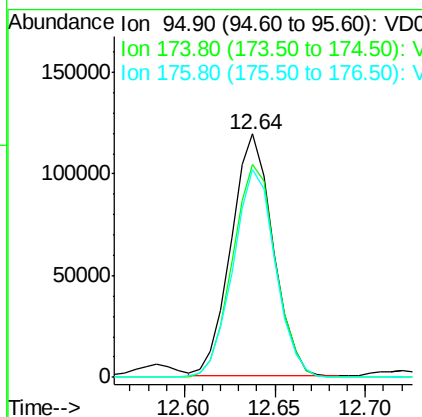
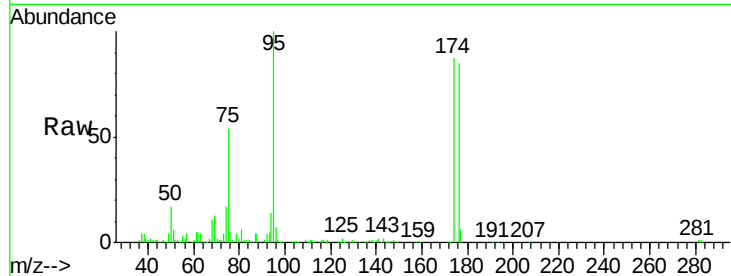




#62
4-Bromofluorobenzene
Concen: 60.961 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067635.D
Acq: 16 Nov 2020 12:40

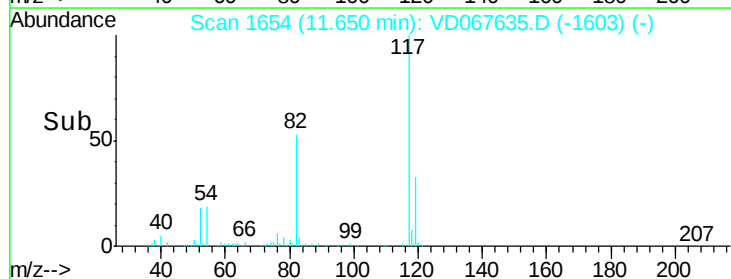
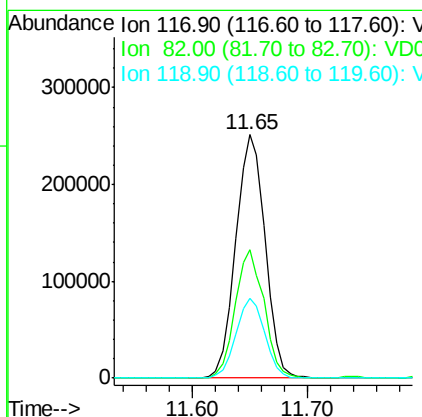
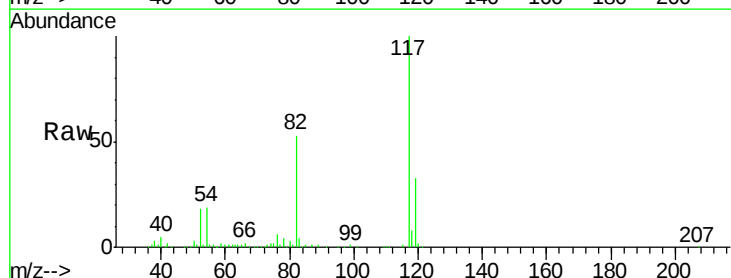
Instrument :
MSVOA_D
ClientSampleId :
BARNUM-STREET-TEST-PIT-1

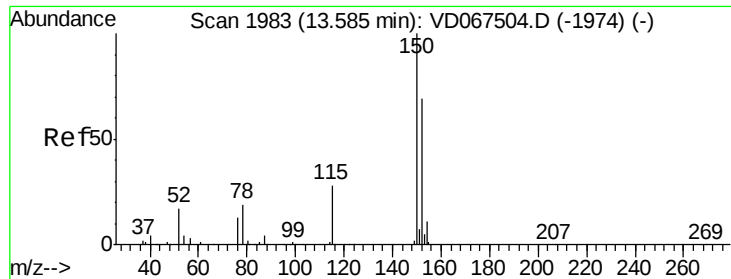
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	177.8
176	86.4	0.0	172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067635.D
Acq: 16 Nov 2020 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.6	62.4
119	32.8	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: VD067635.D

Acq: 16 Nov 2020 12:40

Instrument :

MSVOA_D

ClientSampleId :

BARNUM-STREET-TEST-PIT-1

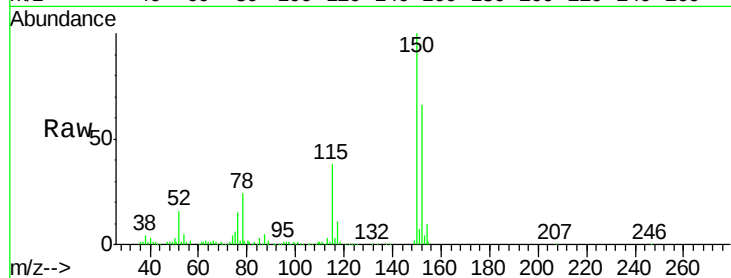
Tot Ion:152 Resp: 195238

Ion Ratio Lower Upper

152 100

115 57.4 29.3 88.0

150 153.8 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

