

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111119\
 Data File : VD064190.D
 Acq On : 11 Nov 2019 21:06
 Operator : VA/SY
 Sample : K5730-02
 Misc : 7.29G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HILTON-STOCKPILE

Quant Time: Nov 12 04:05:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

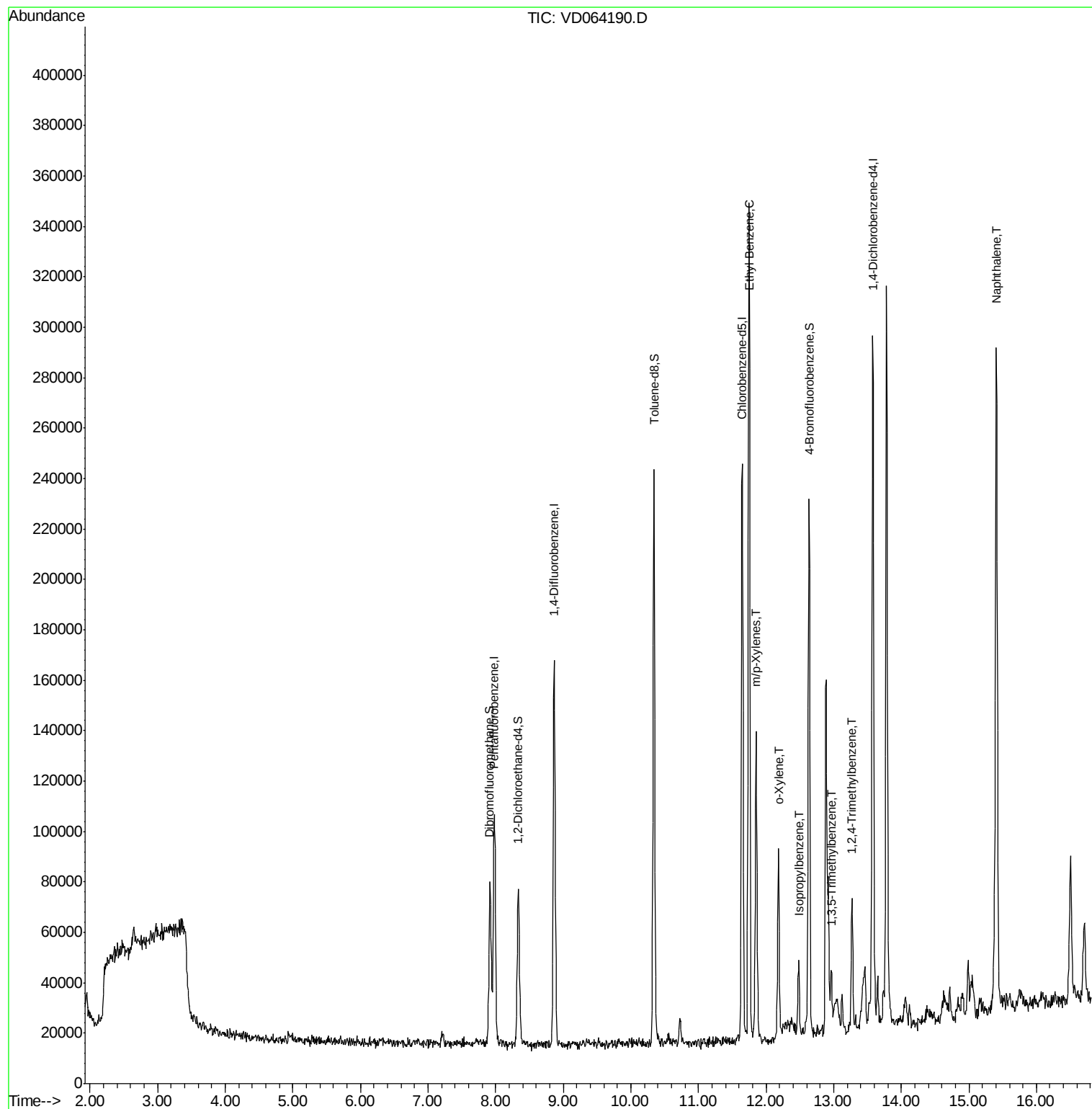
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	73235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	125668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	133408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	71114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	48617	80.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	161.44%	
35) Dibromofluoromethane	7.91	113	43034	59.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.32%	
50) Toluene-d8	10.34	98	156415	57.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.96%	
62) 4-Bromofluorobenzene	12.64	95	64245	68.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.34%	
Target Compounds						
67) Ethyl Benzene	11.75	91	234739	47.837	ug/l	98
68) m/p-Xylenes	11.86	106	37525	19.951	ug/l	99
69) o-Xylene	12.18	106	20249	11.608	ug/l	96
73) Isopropylbenzene	12.48	105	19182	3.675	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	11105	2.589	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	28761	6.792	ug/l	99
95) Naphthalene	15.41	128	275173	109.219	ug/l	99

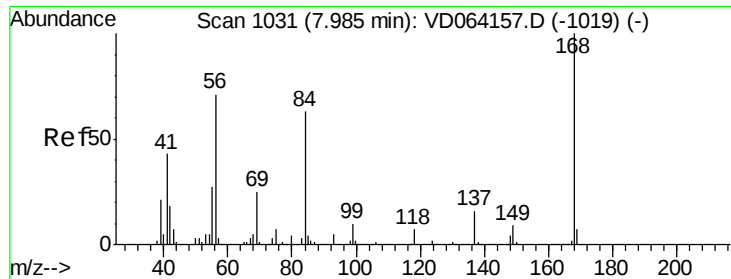
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111119\
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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
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: VD064190.D

Acq: 11 Nov 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

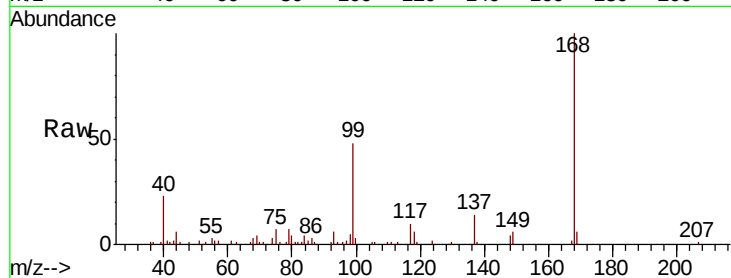
HILTON-STOCKPILE

Tot Ion:168 Resp: 73235

Ion Ratio Lower Upper

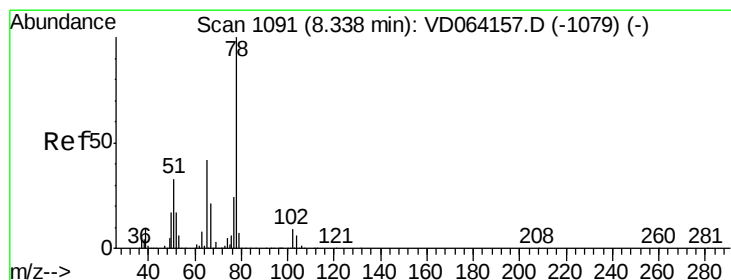
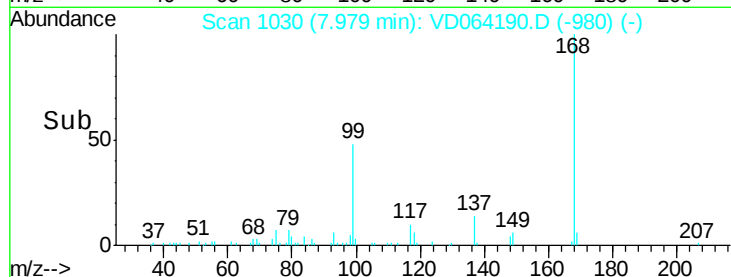
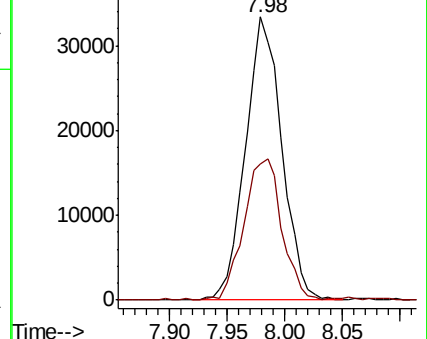
168 100

99 48.3 41.6 62.4



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: 80.717 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064190.D

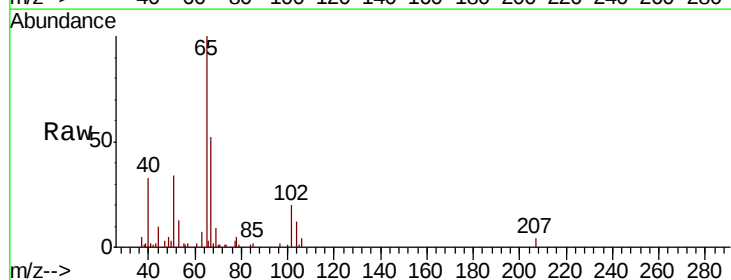
Acq: 11 Nov 2019 21:06

Tgt Ion: 65 Resp: 48617

Ion Ratio Lower Upper

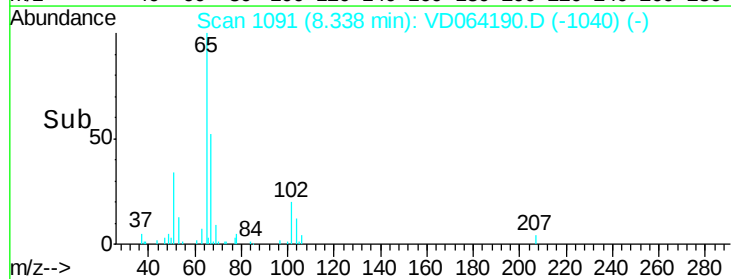
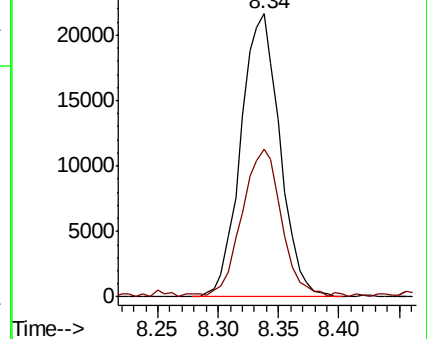
65 100

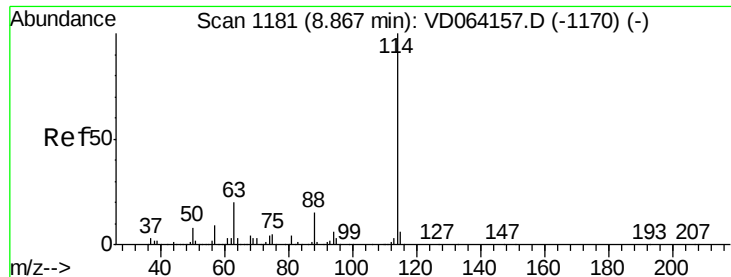
67 53.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

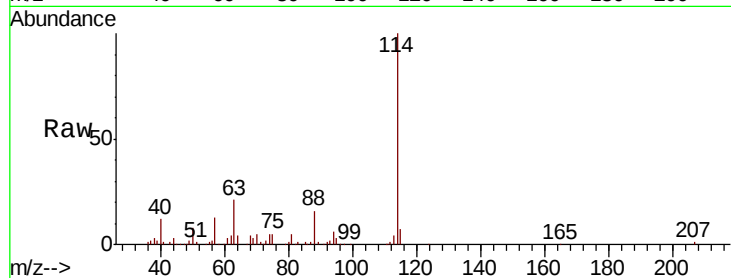




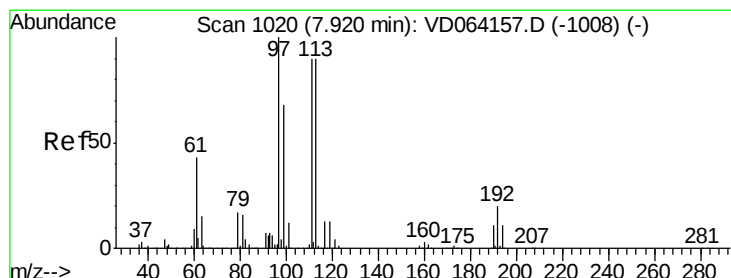
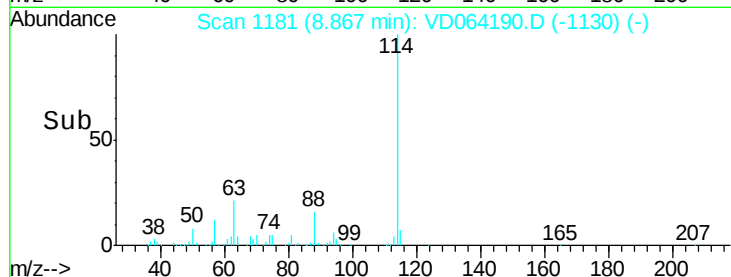
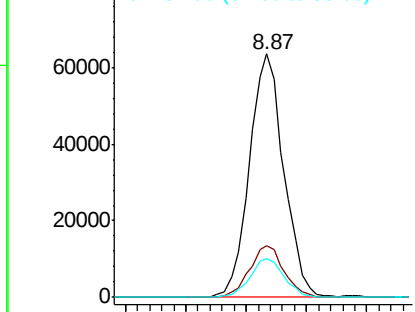
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064190.D
 Acq: 11 Nov 2019 21:06

Instrument :
 MSVOA_D
 ClientSampleId :
 HILTON-STOCKPILE

Tot Ion:114 Resp: 125668
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.0
 88 15.8 0.0 30.2

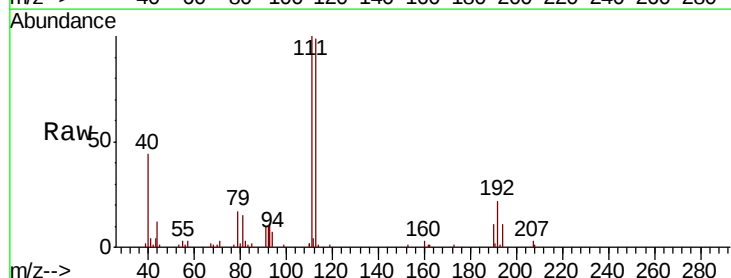


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

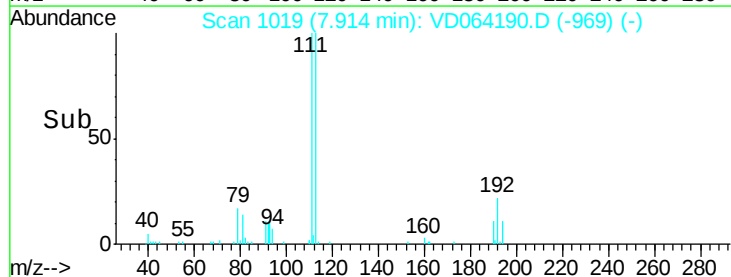
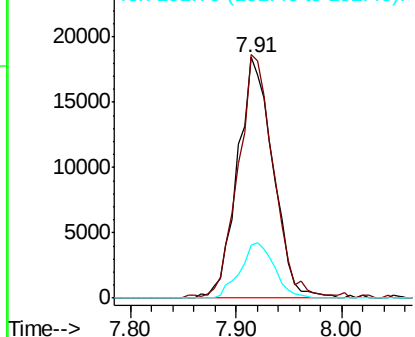


#35
 Dibromofluoromethane
 Concen: 59.657 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064190.D
 Acq: 11 Nov 2019 21:06

Tgt Ion:113 Resp: 43034
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.5 122.3
 192 22.2 18.8 28.2



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: 57.479 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064190.D

Acq: 11 Nov 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

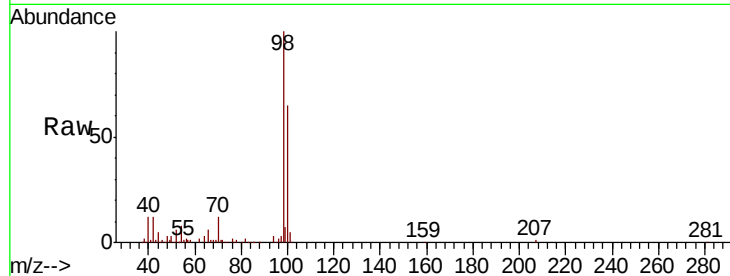
HILTON-STOCKPILE

Tot Ion: 98 Resp: 156415

Ion Ratio Lower Upper

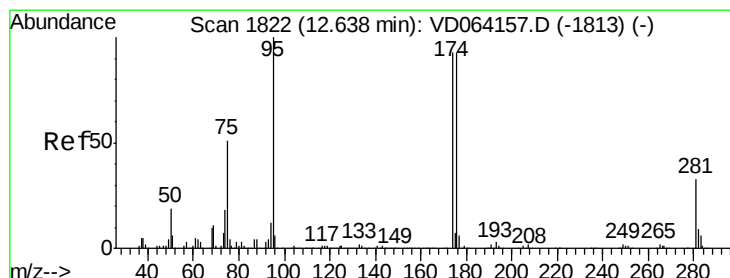
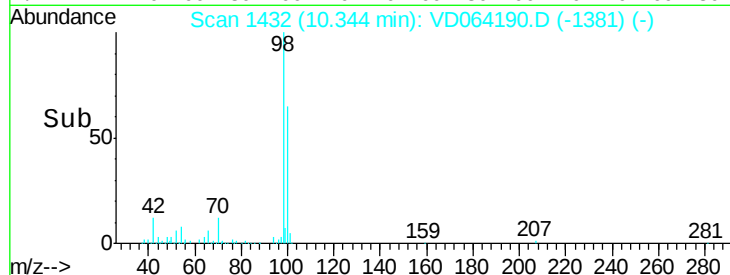
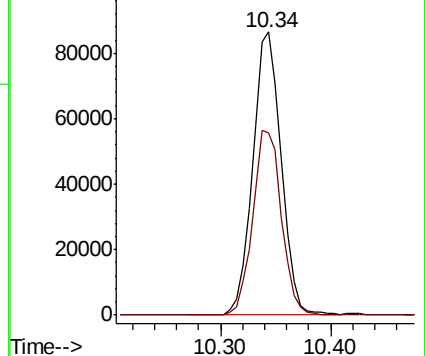
98 100

100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 68.172 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064190.D

Acq: 11 Nov 2019 21:06

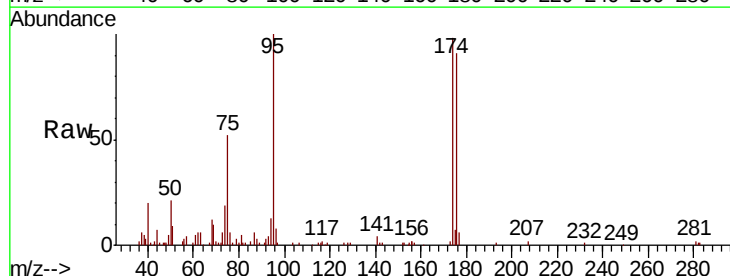
Tgt Ion: 95 Resp: 64245

Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.6

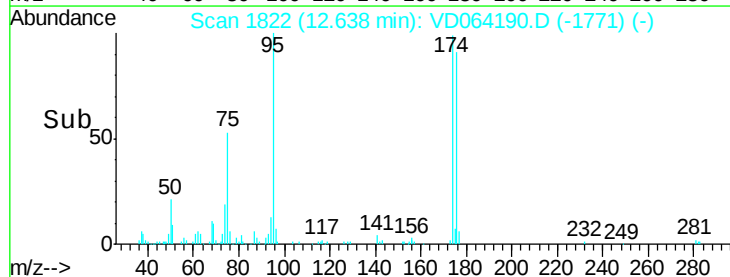
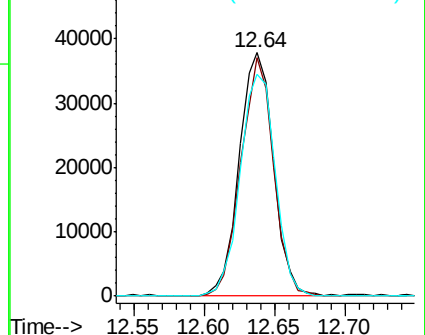
176 93.2 0.0 180.2

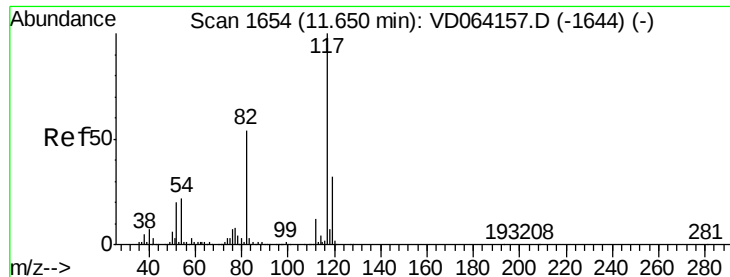


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

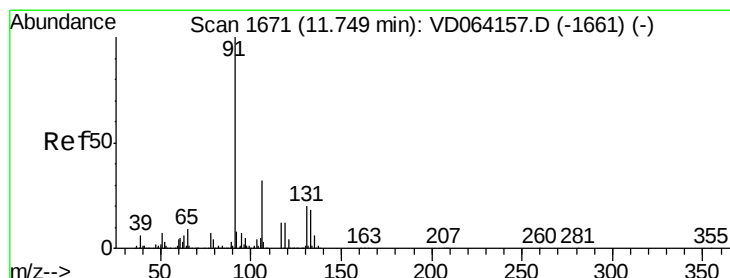
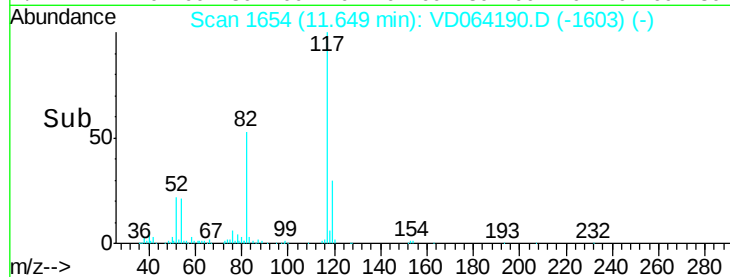
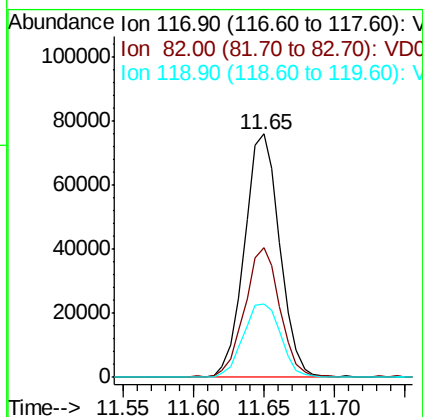
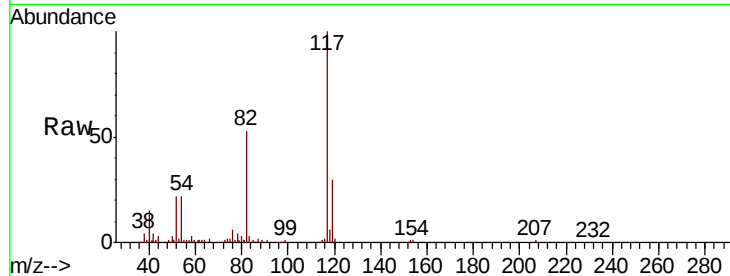




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064190.D
Acq: 11 Nov 2019 21:06

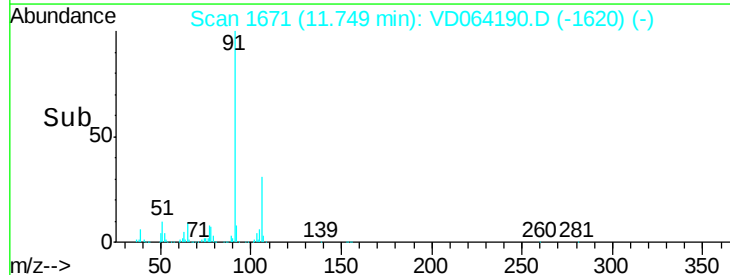
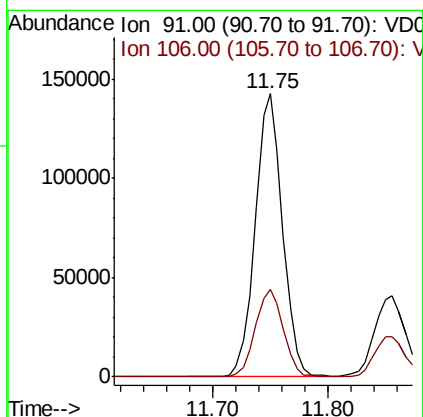
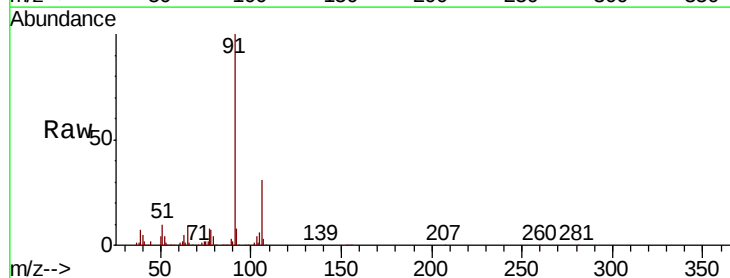
Instrument :
MSVOA_D
ClientSampleId :
HILTON-STOCKPILE

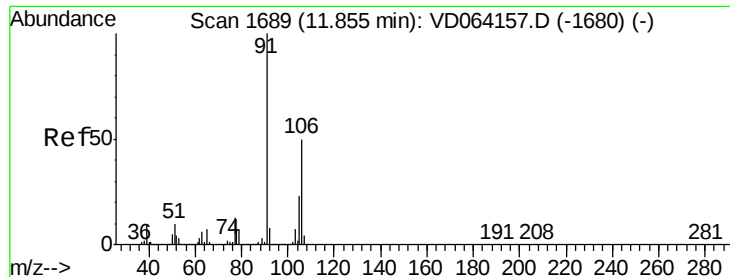
Tot Ion:117 Resp: 133408
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 30.0 25.6 38.4



#67
Ethyl Benzene
Concen: 47.837 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064190.D
Acq: 11 Nov 2019 21:06

Tgt Ion: 91 Resp: 234739
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3

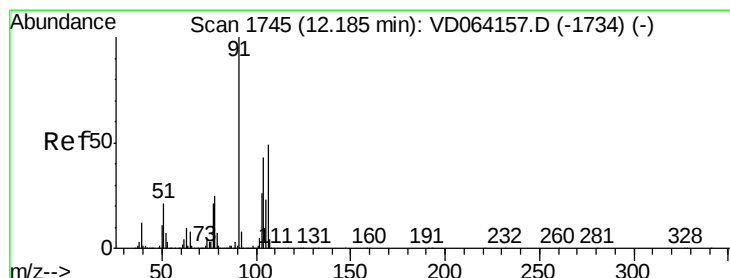
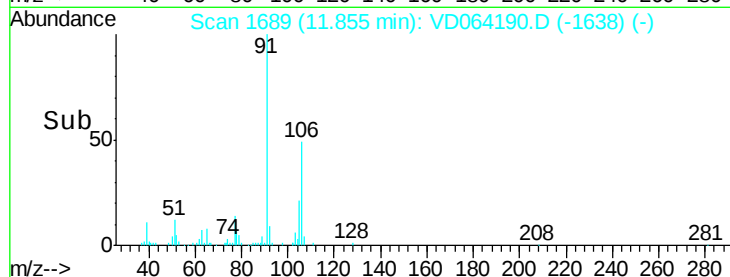
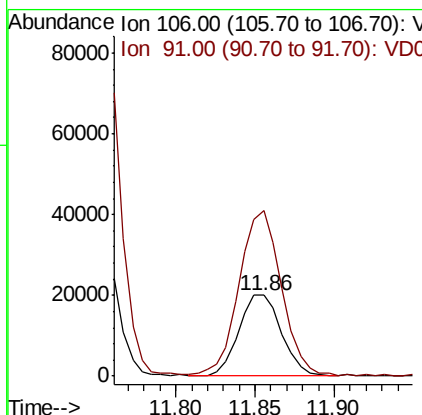
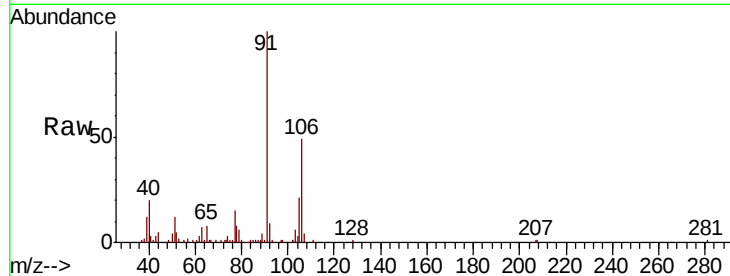




#68
m/p-Xylenes
Concen: 19.951 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064190.D
Acq: 11 Nov 2019 21:06

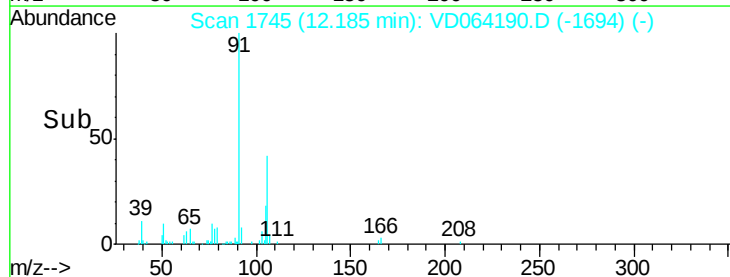
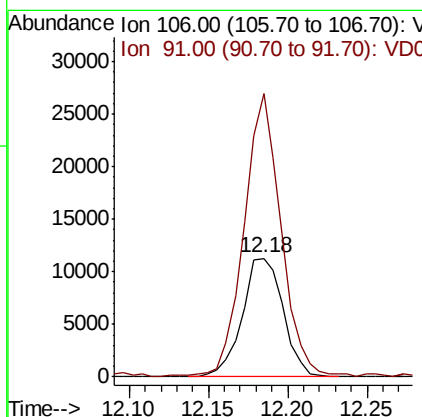
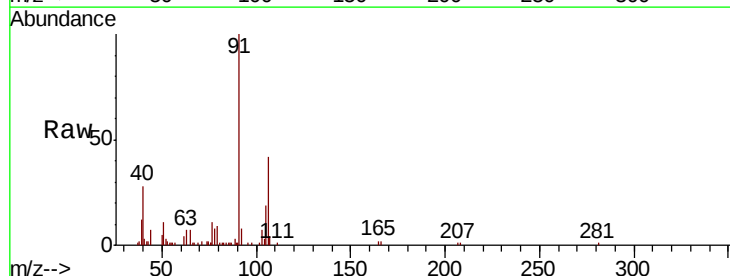
Instrument :
MSVOA_D
ClientSampleId :
HILTON-STOCKPILE

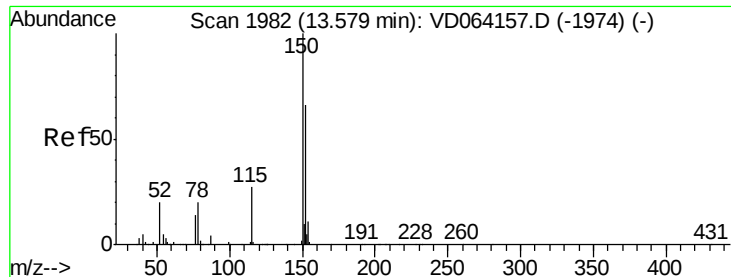
Tot Ion:106 Resp: 37525
Ion Ratio Lower Upper
106 100
91 201.6 160.3 240.5



#69
o-Xylene
Concen: 11.608 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064190.D
Acq: 11 Nov 2019 21:06

Tgt Ion:106 Resp: 20249
Ion Ratio Lower Upper
106 100
91 216.8 105.1 315.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD064190.D

Acq: 11 Nov 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

HILTON-STOCKPILE

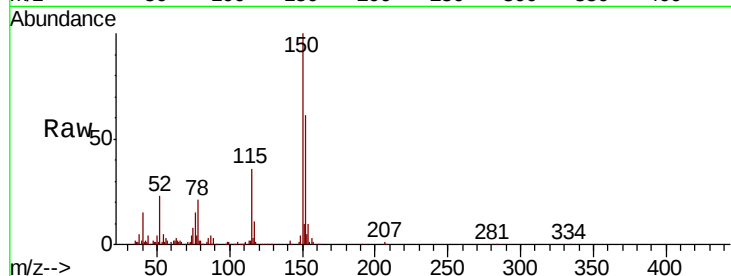
Tot Ion:152 Resp: 71114

Ion Ratio Lower Upper

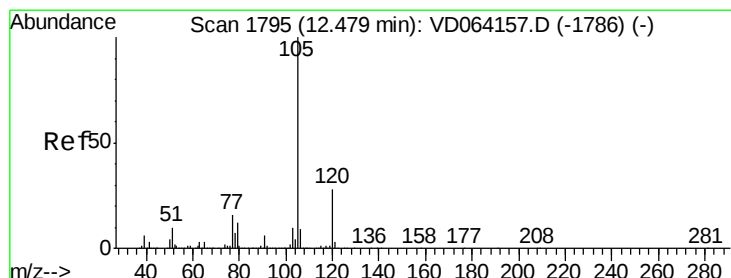
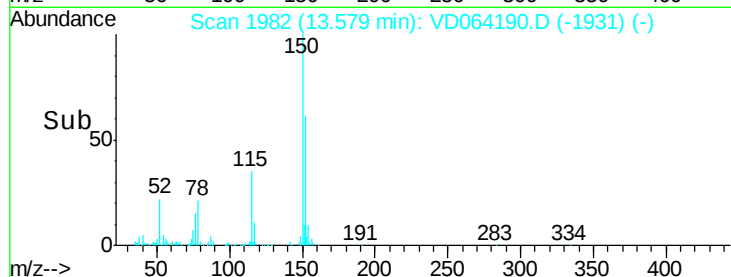
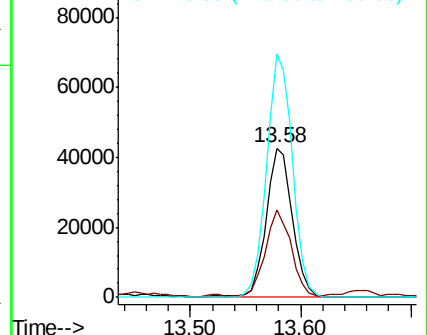
152 100

115 55.3 27.4 82.2

150 159.8 0.0 351.6



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



#73

Isopropylbenzene

Concen: 3.675 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064190.D

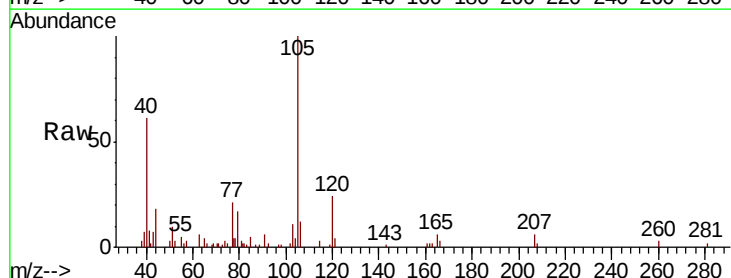
Acq: 11 Nov 2019 21:06

Tgt Ion:105 Resp: 19182

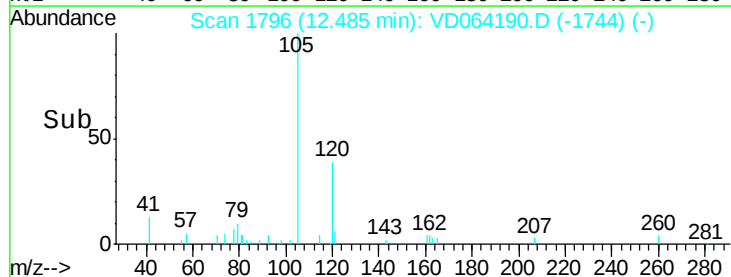
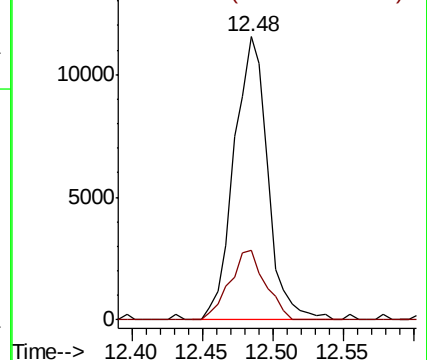
Ion Ratio Lower Upper

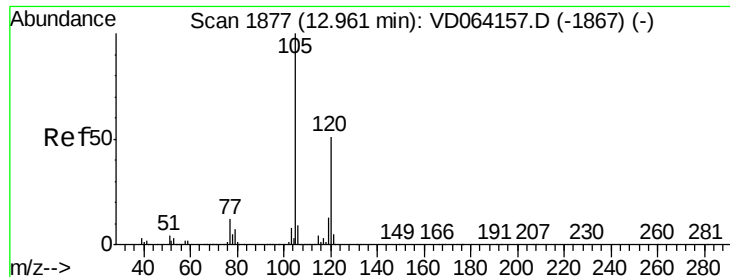
105 100

120 25.9 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 2.589 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD064190.D

Acq: 11 Nov 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

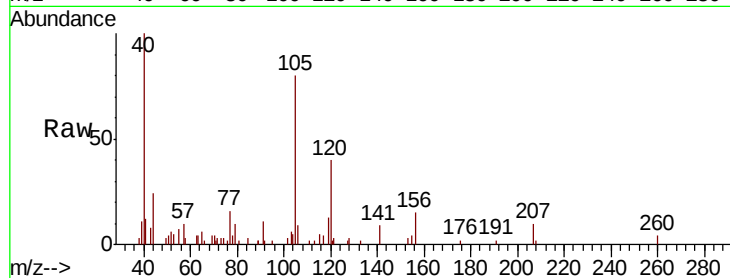
HILTON-STOCKPILE

Tot Ion:105 Resp: 11105

Ion Ratio Lower Upper

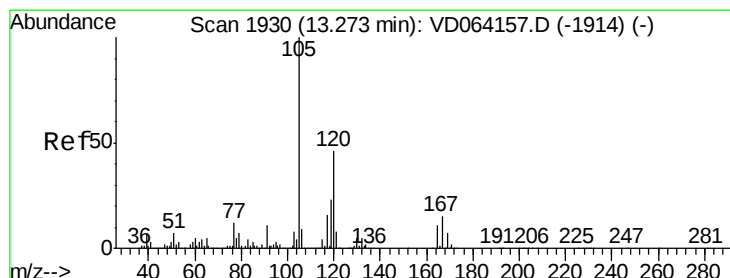
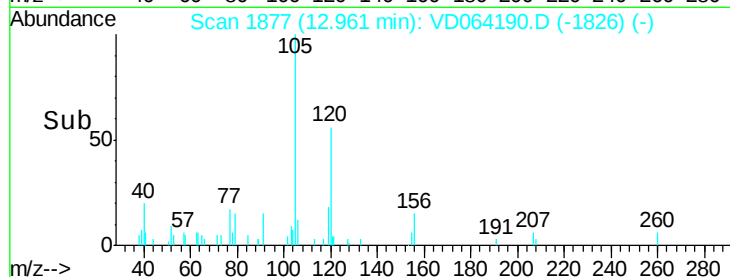
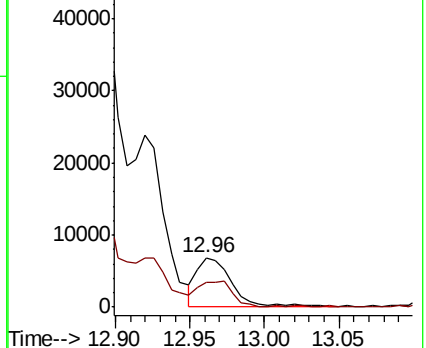
105 100

120 51.1 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.792 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD064190.D

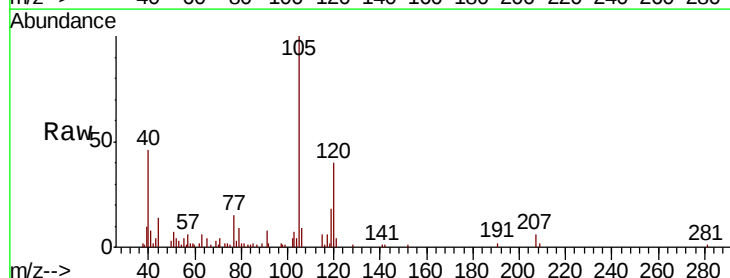
Acq: 11 Nov 2019 21:06

Tgt Ion:105 Resp: 28761

Ion Ratio Lower Upper

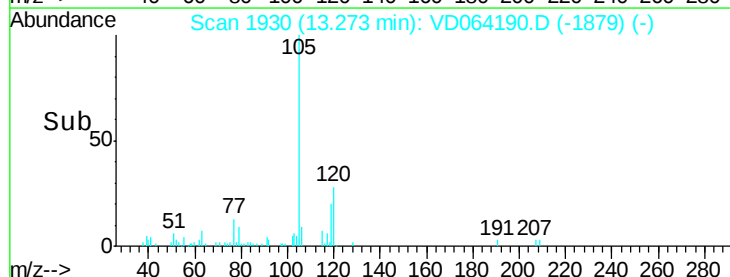
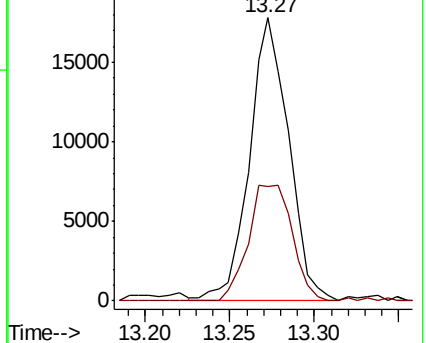
105 100

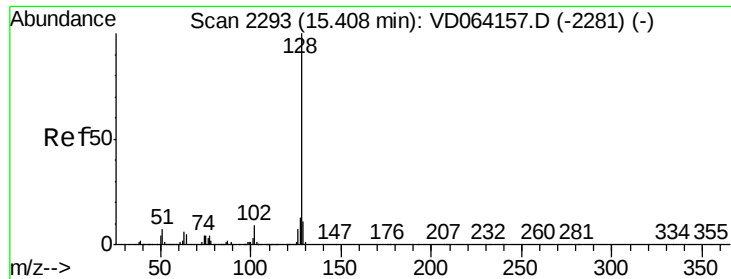
120 45.8 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 109.219 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD064190.D

Acq: 11 Nov 2019 21:06

Instrument :

MSVOA_D

ClientSampleId :

HILTON-STOCKPILE

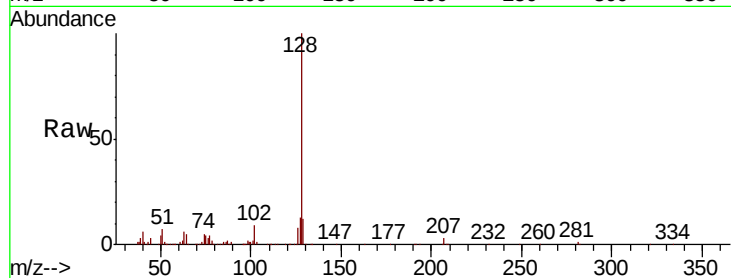
Tot Ion:128 Resp: 275173

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

150000

Ion 127.00 (126.70 to 127.70): V

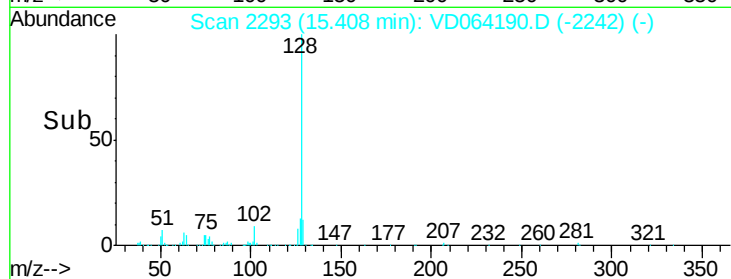
Ion 129.00 (128.70 to 129.70): V

100000

15.41

50000

0



Time-->