

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065906.D
 Acq On : 01 Jul 2020 15:21
 Operator : VA/SY
 Sample : L3172-01
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-SS

Quant Time: Jul 02 05:26:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

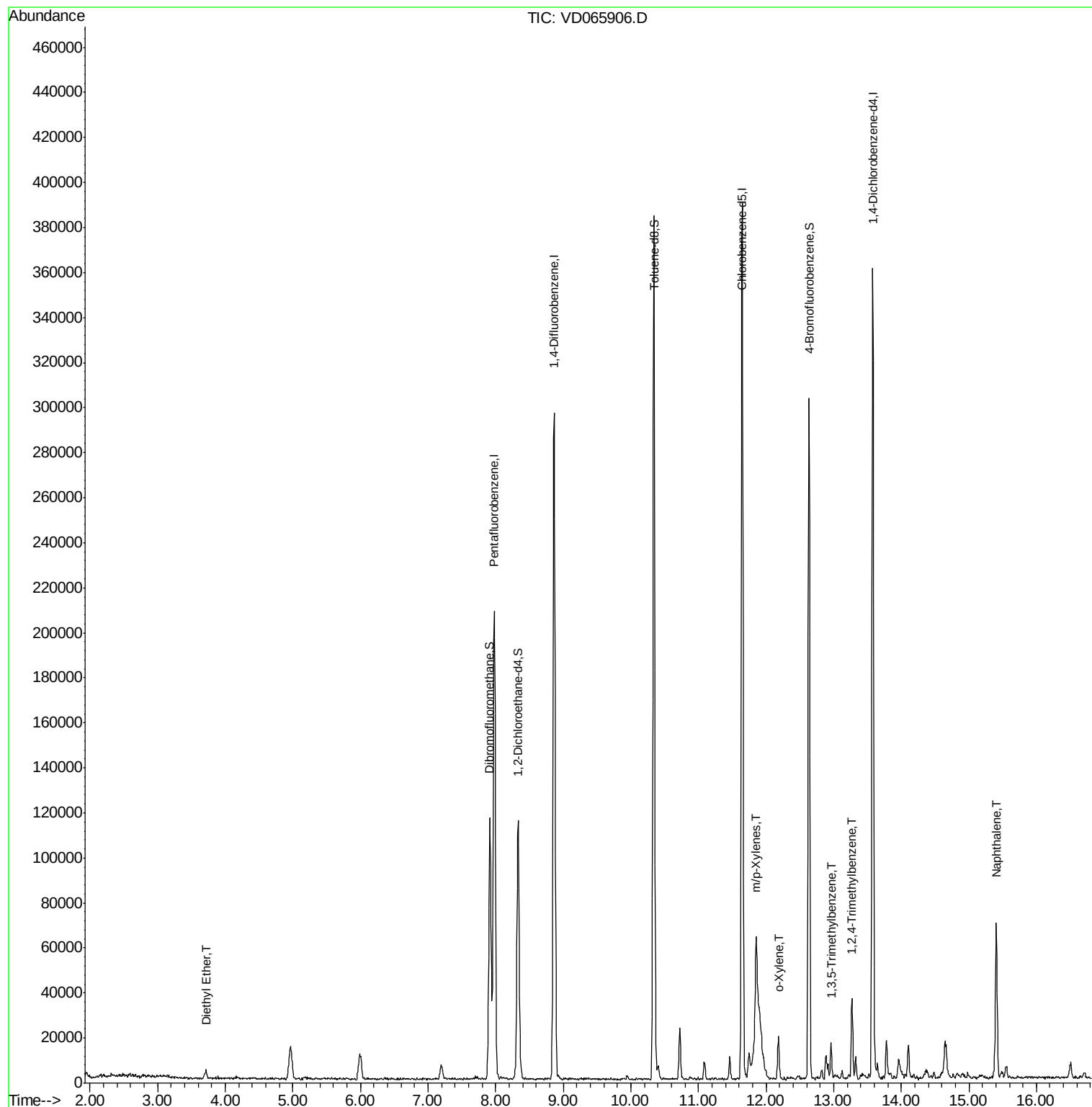
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	149153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	251649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	214083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	89922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	94845	61.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.42%	
35) Dibromofluoromethane	7.91	113	80615	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	10.34	98	257841	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
62) 4-Bromofluorobenzene	12.64	95	83075	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
Target Compounds						
8) Diethyl Ether	3.71	74	1512	2.075	ug/l	89
68) m/p-Xylenes	11.85	106	12965	4.318	ug/l	76
69) o-Xylene	12.18	106	4505	1.670	ug/l	72
80) 1,3,5-Trimethylbenzene	12.96	105	7856	1.459	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	18936	3.570	ug/l	97
95) Naphthalene	15.41	128	62136	22.150	ug/l	99

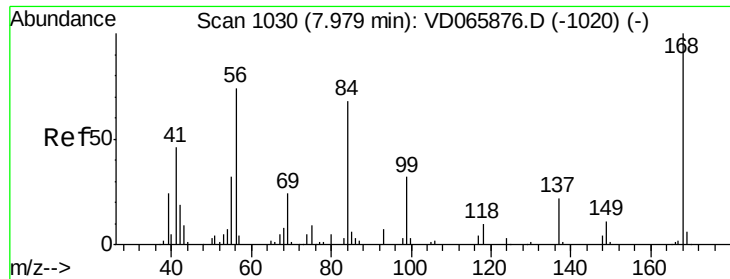
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070120\
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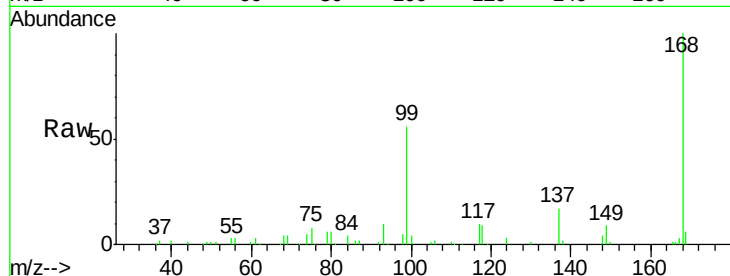




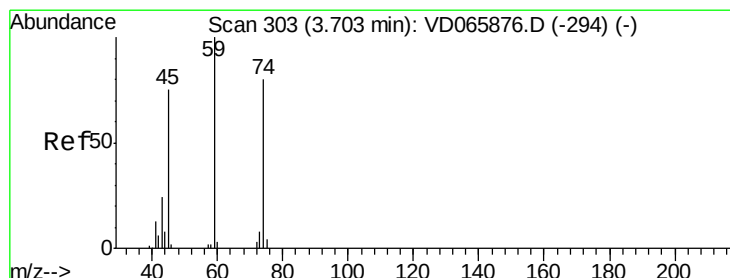
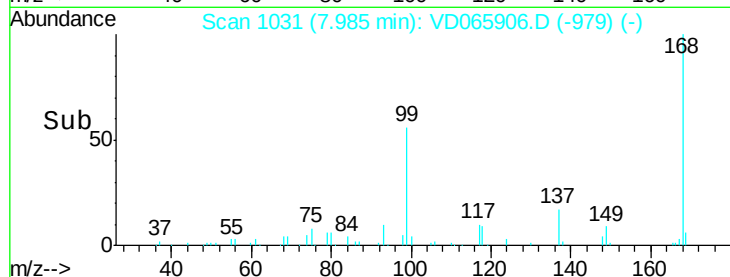
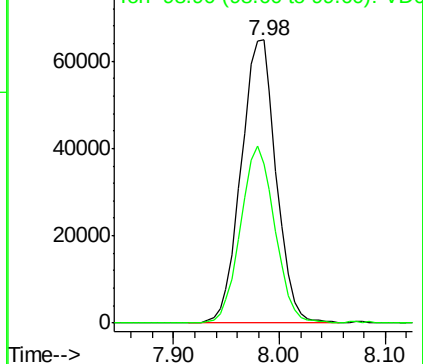
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD065906.D
Acq: 01 Jul 2020 15:21

Instrument :
MSVOA_D
ClientSampleId :
TP1-SS

Tot Ion:168 Resp: 149153
Ion Ratio Lower Upper
168 100
99 56.4 51.3 76.9

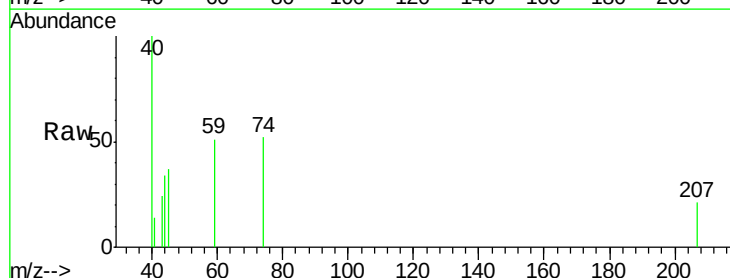


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

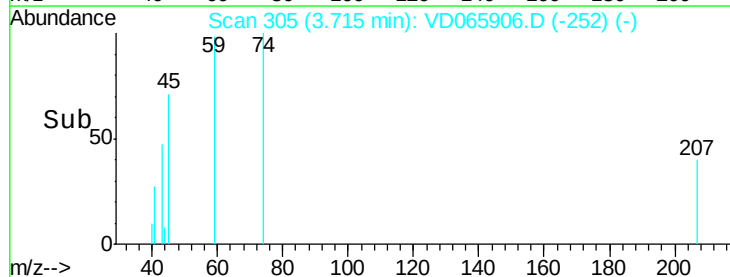
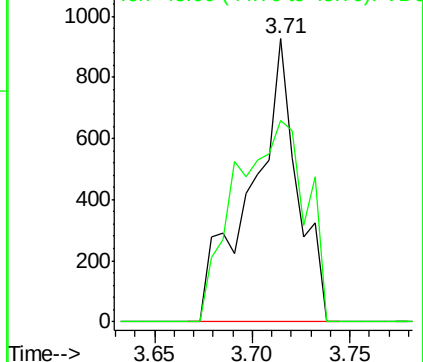


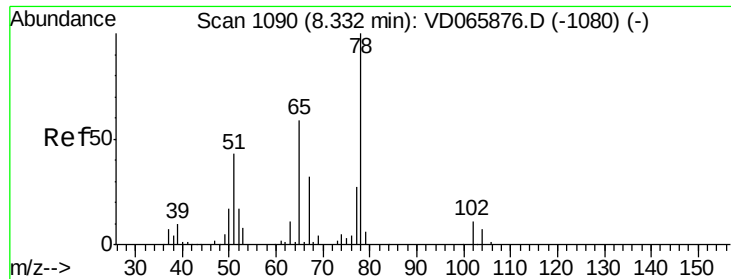
#8
Diethyl Ether
Concen: 2.075 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD065906.D
Acq: 01 Jul 2020 15:21

Tgt Ion: 74 Resp: 1512
Ion Ratio Lower Upper
74 100
45 108.2 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC

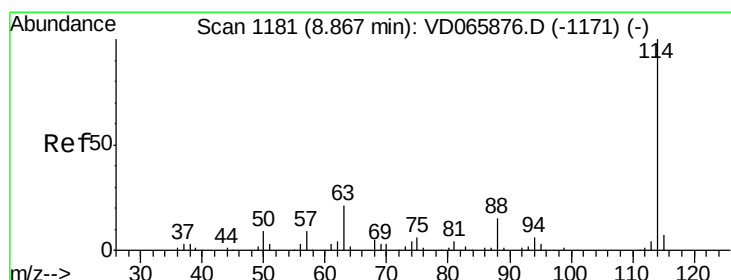
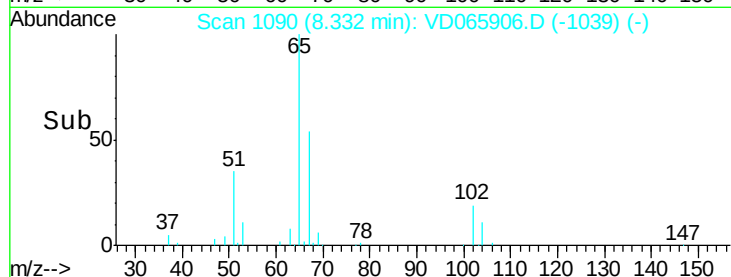
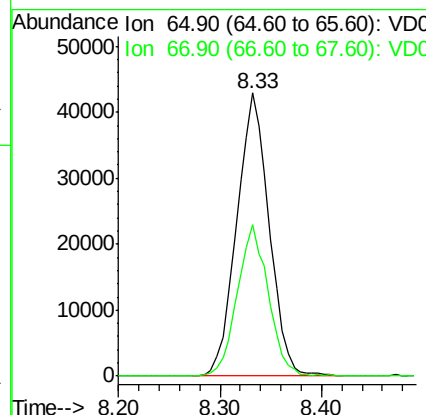
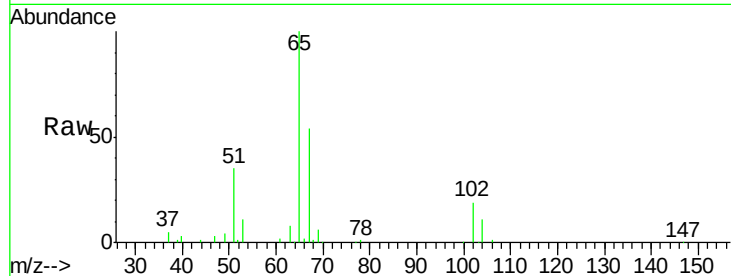




#33
 1,2-Dichloroethane-d4
 Concen: 61.208 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065906.D
 Acq: 01 Jul 2020 15:21

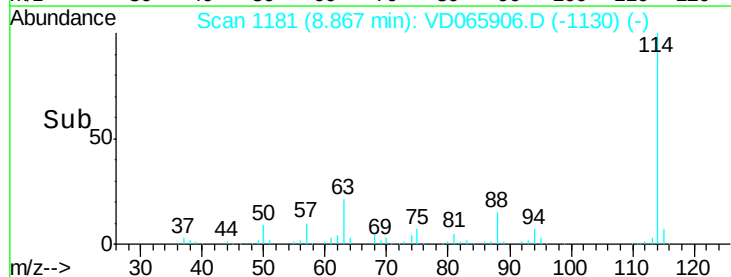
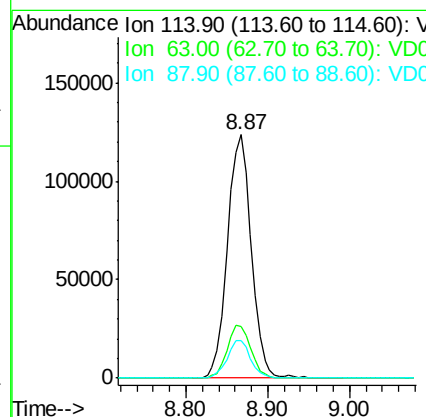
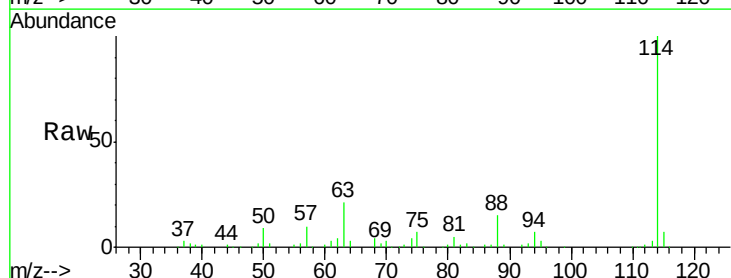
Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-SS

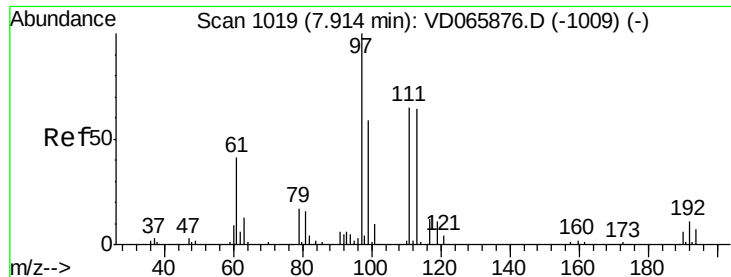
Tot Ion: 65 Resp: 94845
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065906.D
 Acq: 01 Jul 2020 15:21

Tgt Ion: 114 Resp: 251649
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.6
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.827 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD065906.D

Acq: 01 Jul 2020 15:21

Instrument :

MSVOA_D

ClientSampleId :

TP1-SS

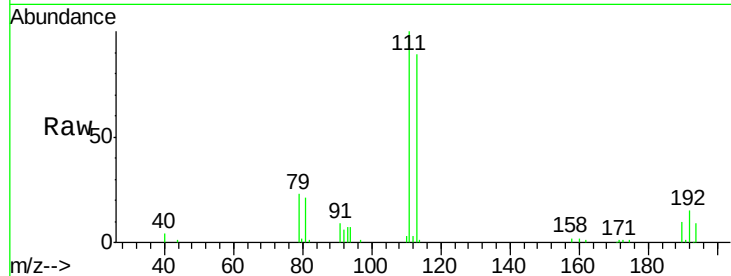
Tot Ion:113 Resp: 80615

Ion Ratio Lower Upper

113 100

111 104.6 81.0 121.6

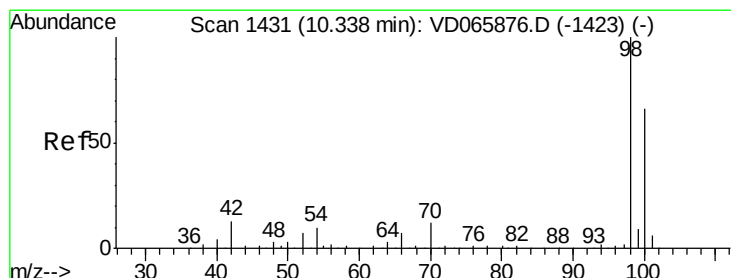
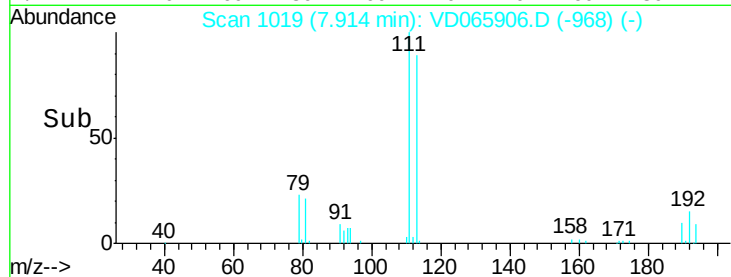
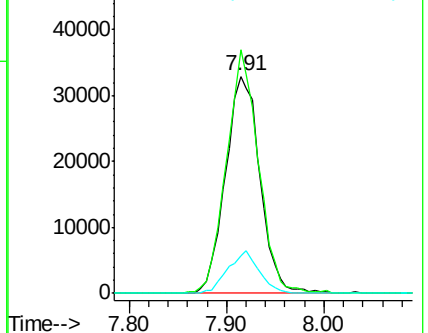
192 17.5 15.2 22.8



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: 44.067 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065906.D

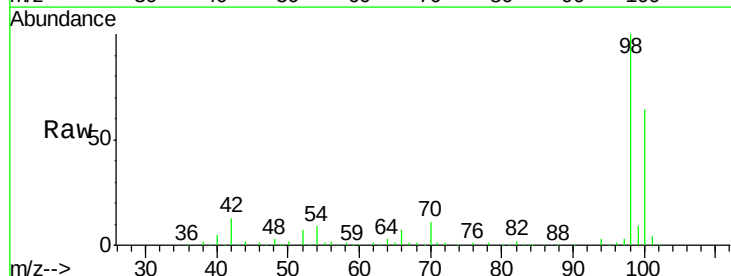
Acq: 01 Jul 2020 15:21

Tgt Ion: 98 Resp: 257841

Ion Ratio Lower Upper

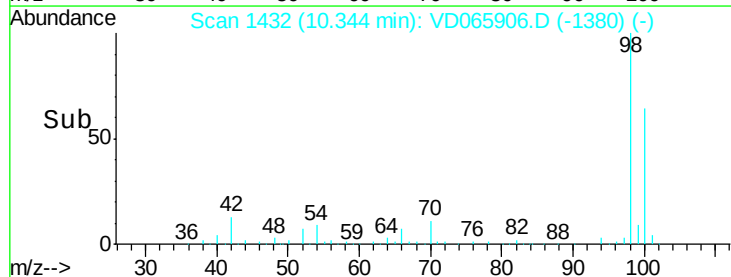
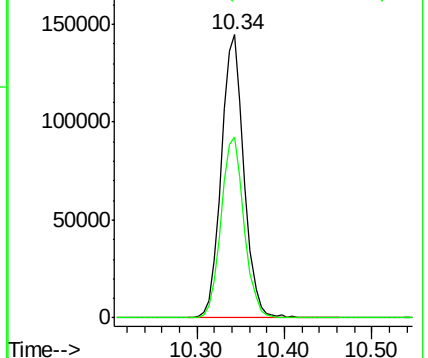
98 100

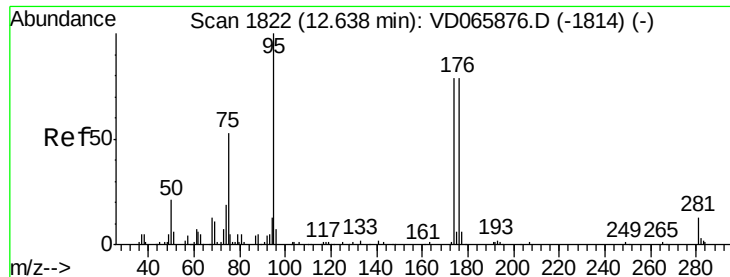
100 64.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.340 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065906.D

Acq: 01 Jul 2020 15:21

Instrument :

MSVOA_D

ClientSampleId :

TP1-SS

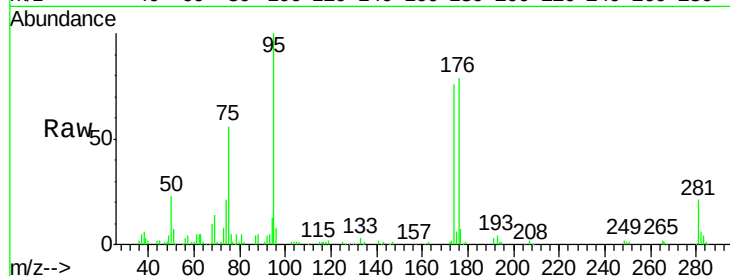
Tot Ion: 95 Resp: 83075

Ion Ratio Lower Upper

95 100

174 79.6 0.0 158.4

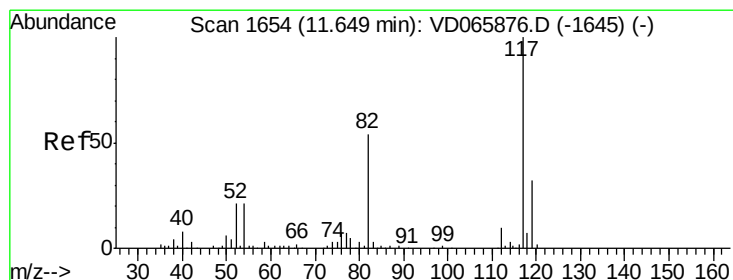
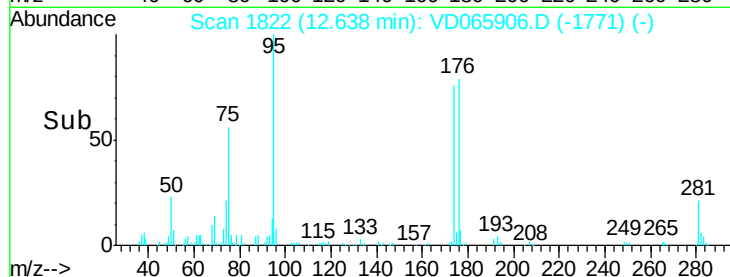
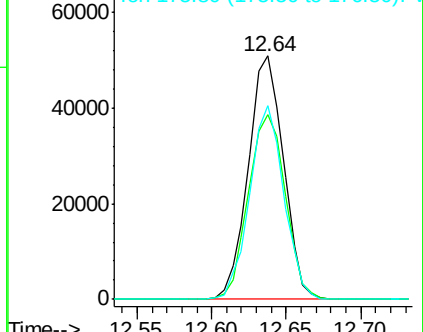
176 77.4 0.0 156.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065906.D

Acq: 01 Jul 2020 15:21

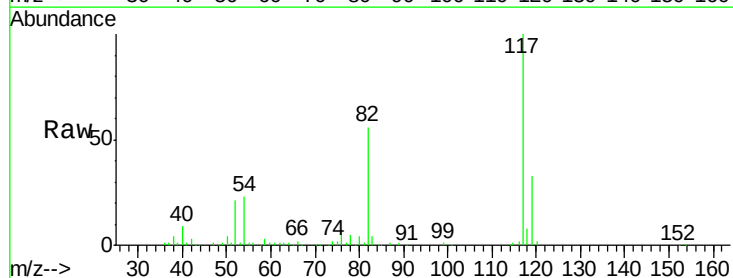
Tgt Ion: 117 Resp: 214083

Ion Ratio Lower Upper

117 100

82 56.4 43.6 65.4

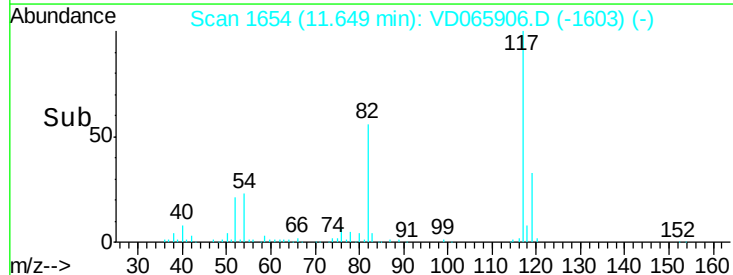
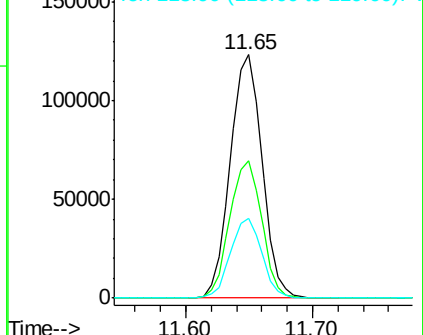
119 32.5 25.9 38.9

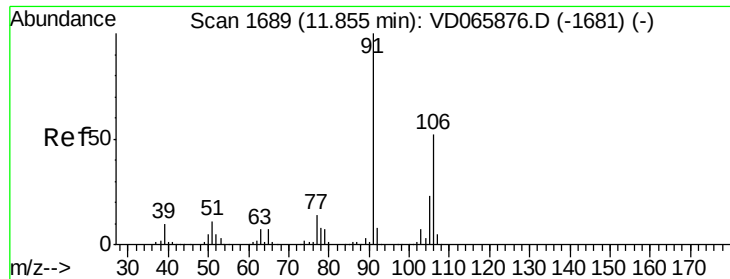


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

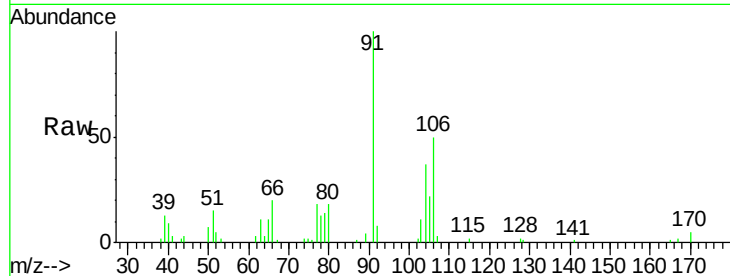




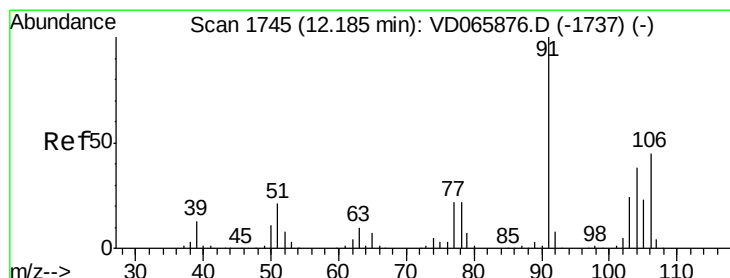
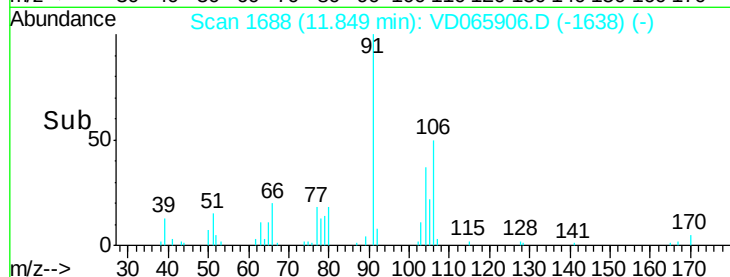
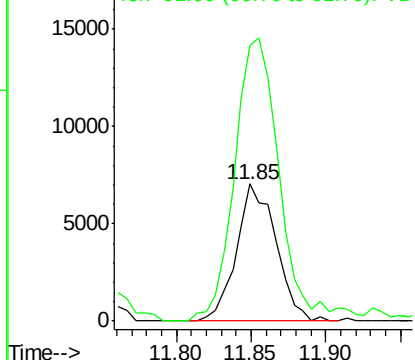
#68
m/p-Xylenes
Concen: 4.318 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD065906.D
Acq: 01 Jul 2020 15:21

Instrument :
MSVOA_D
ClientSampleId :
TP1-SS

Tot Ion:106 Resp: 12965
Ion Ratio Lower Upper
106 100
91 235.0 159.5 239.3

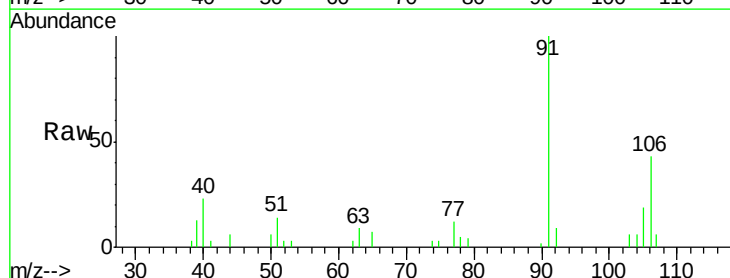


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

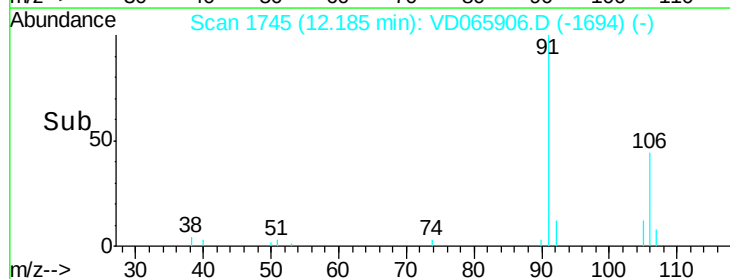
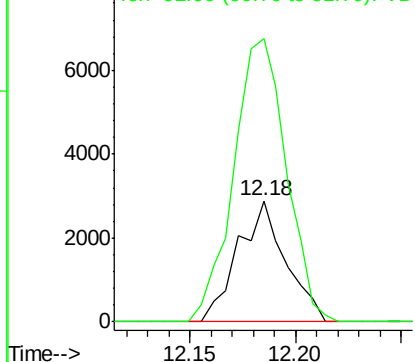


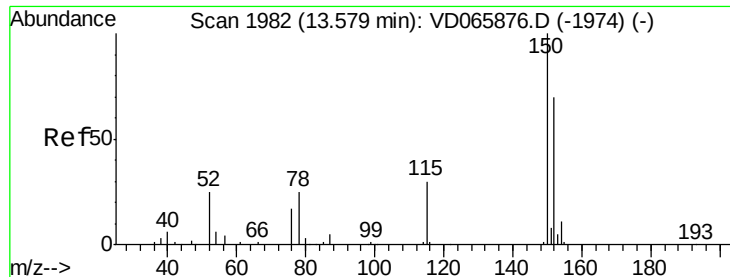
#69
o-Xylene
Concen: 1.670 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065906.D
Acq: 01 Jul 2020 15:21

Tgt Ion:106 Resp: 4505
Ion Ratio Lower Upper
106 100
91 258.9 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

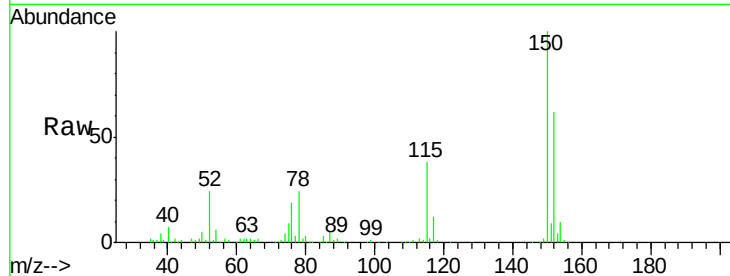




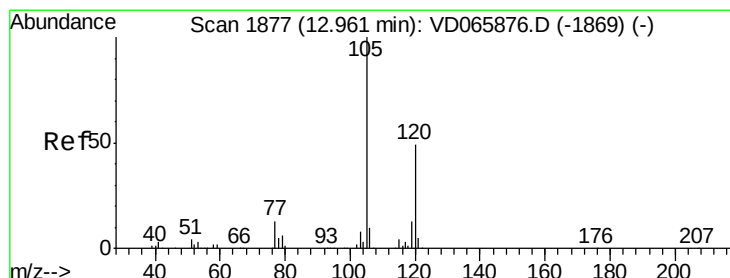
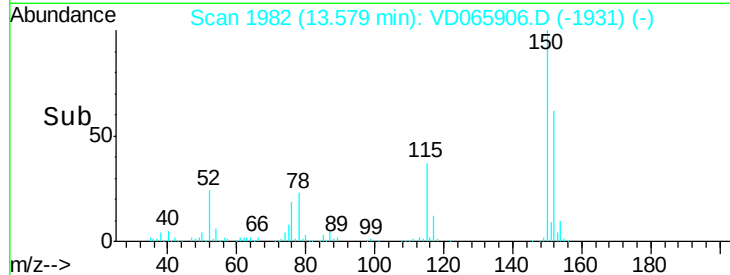
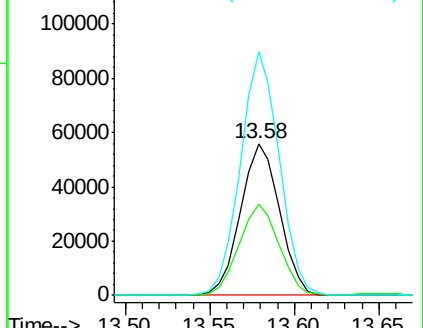
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD065906.D
 Acq: 01 Jul 2020 15:21

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-SS

Tot Ion:152 Resp: 89922
 Ion Ratio Lower Upper
 152 100
 115 61.4 29.7 89.1
 150 159.7 0.0 346.2

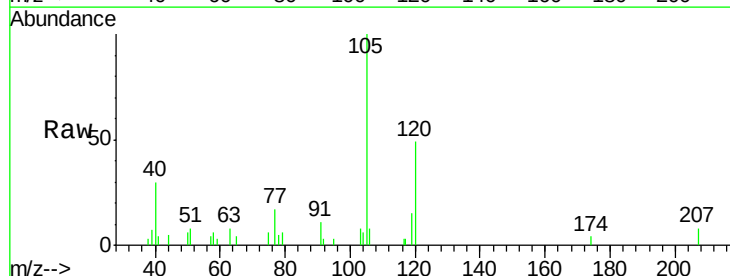


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

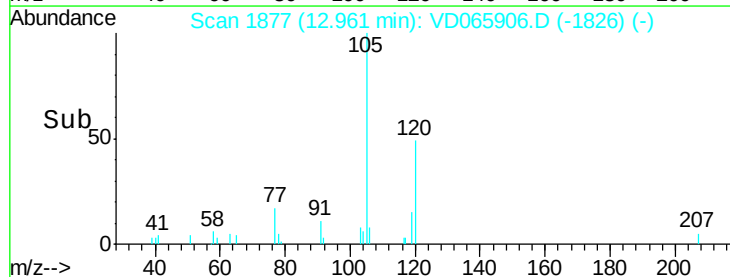
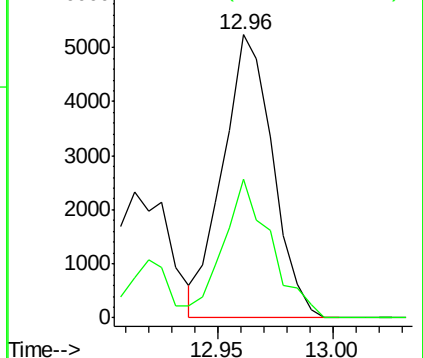


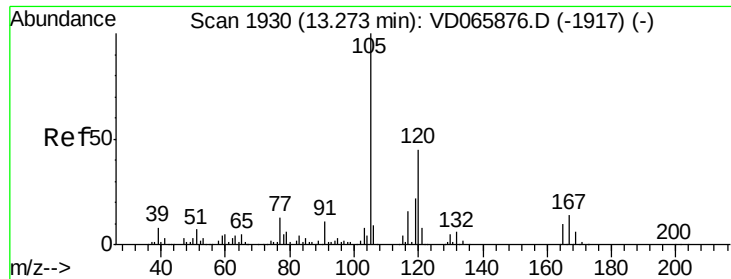
#80
 1,3,5-Trimethylbenzene
 Concen: 1.459 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD065906.D
 Acq: 01 Jul 2020 15:21

Tgt Ion:105 Resp: 7856
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.3 72.8



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

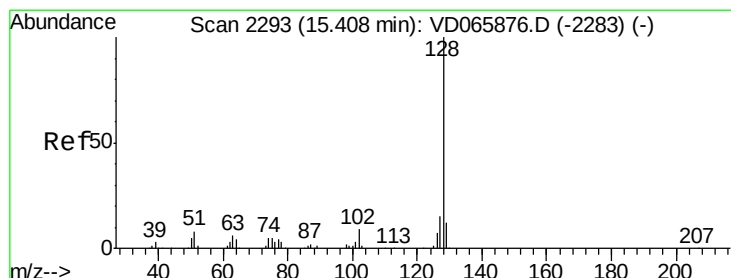
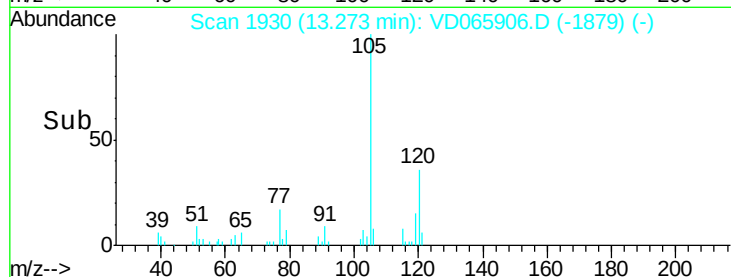
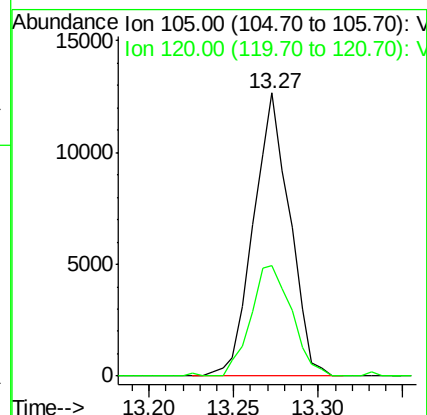
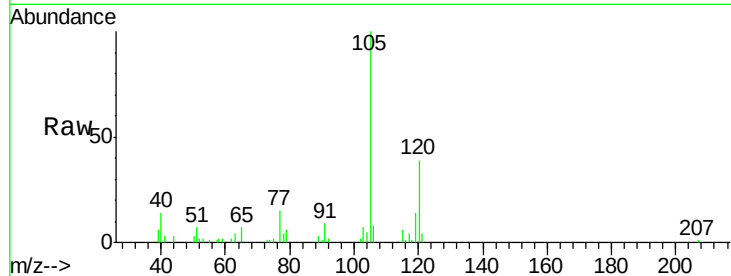




#84
 1,2,4-Trimethylbenzene
 Concen: 3.570 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065906.D
 Acq: 01 Jul 2020 15:21

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-SS

Tot Ion:105 Resp: 18936
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.0 69.0



#95
 Naphthalene
 Concen: 22.150 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VD065906.D
 Acq: 01 Jul 2020 15:21

Tgt Ion:128 Resp: 62136
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.8 16.2
 129 11.7 8.8 13.2

