

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014726.D
 Acq On : 23 Jan 2020 16:09
 Operator : SY/VA
 Sample : L1243-01
 Misc : 8.06G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CTY-SB-06-1.5-2.5

Quant Time: Jan 24 05:42:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

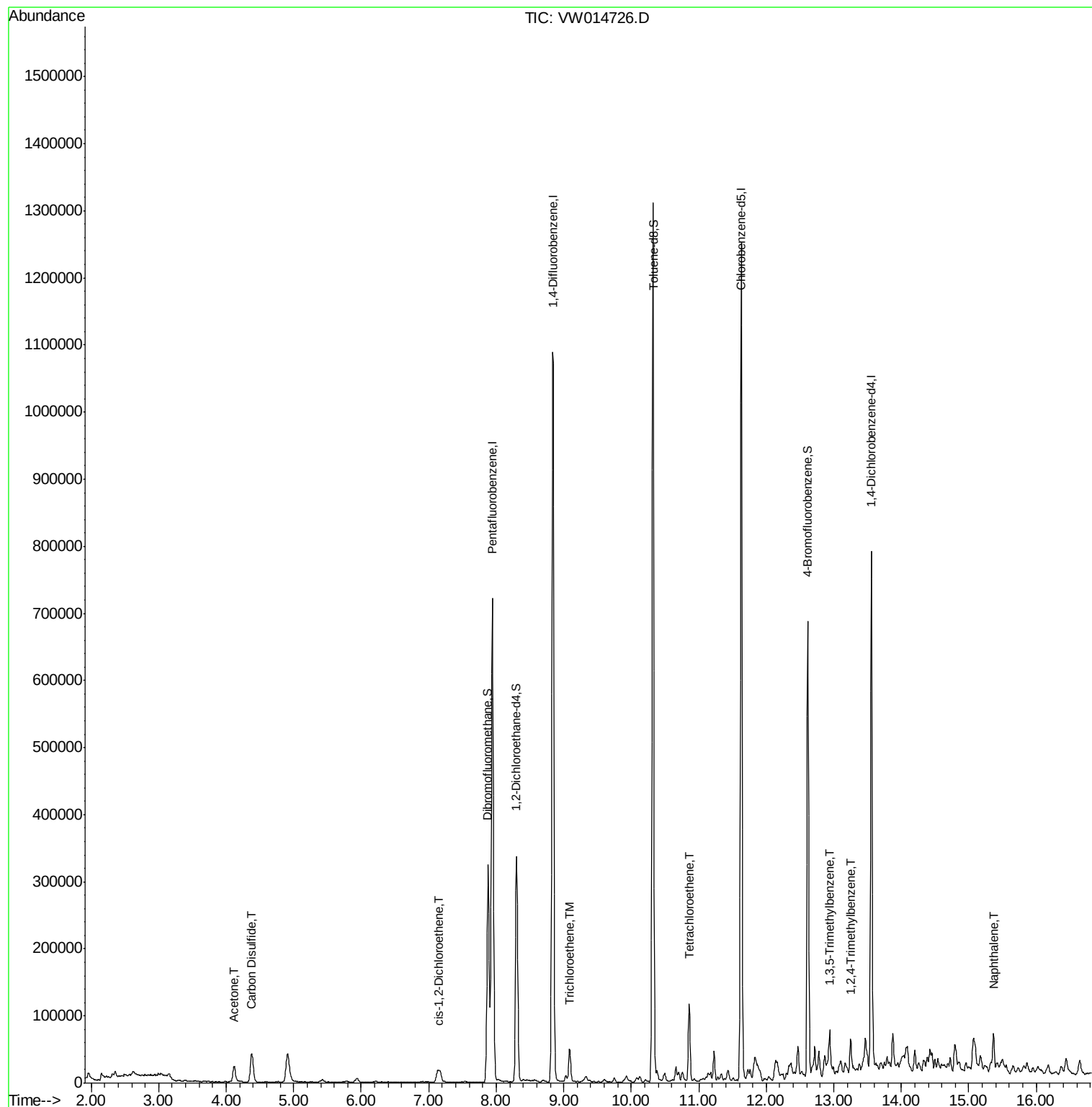
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	561338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	943234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	702069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	209729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	264841	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
35) Dibromofluoromethane	7.88	113	228631	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.82%	
50) Toluene-d8	10.32	98	871900	38.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.52%	
62) 4-Bromofluorobenzene	12.62	95	220315	28.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.74%	
Target Compounds						
16) Acetone	4.11	43	44482	32.098	ug/l	96
17) Carbon Disulfide	4.38	76	95858	5.693	ug/l	96
27) cis-1,2-Dichloroethene	7.16	96	6437	1.033	ug/l	92
44) Trichloroethene	9.09	130	18198	2.614	ug/l	89
64) Tetrachloroethene	10.86	164	26979	5.308	ug/l	92
80) 1,3,5-Trimethylbenzene	12.94	105	17104	1.324	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	29251	2.275	ug/l	97
95) Naphthalene	15.36	128	49378	7.019	ug/l	98

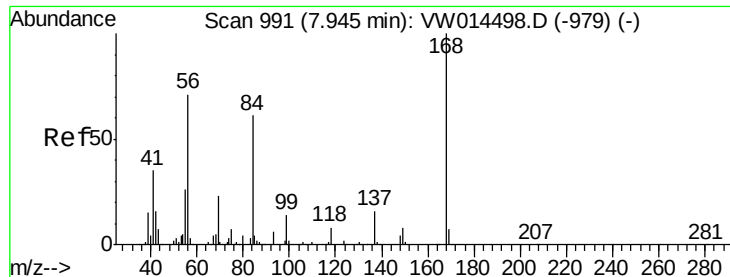
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CTY-SB-06-1.5-2.5

Quant Time: Jan 24 05:42:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014726.D

Acq: 23 Jan 2020 16:09

Instrument :

MSVOA_W

ClientSampleId :

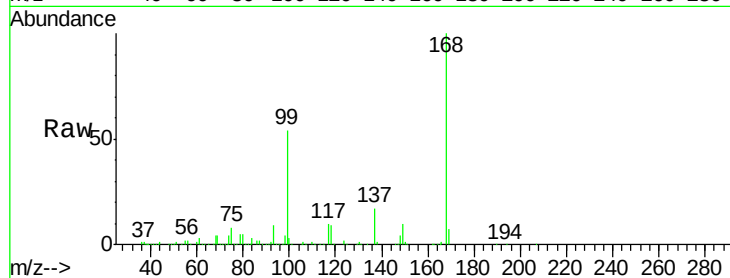
CTY-SB-06-1.5-2.5

Tot Ion:168 Resp: 561338

Ion Ratio Lower Upper

168 100

99 53.8 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

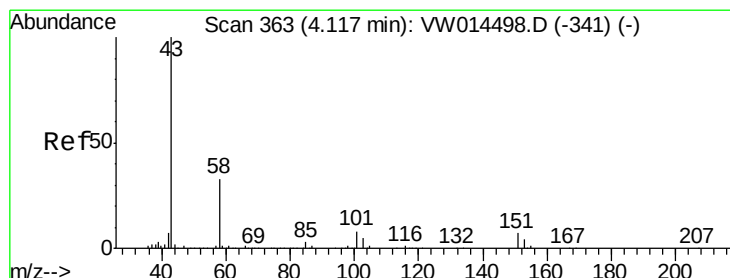
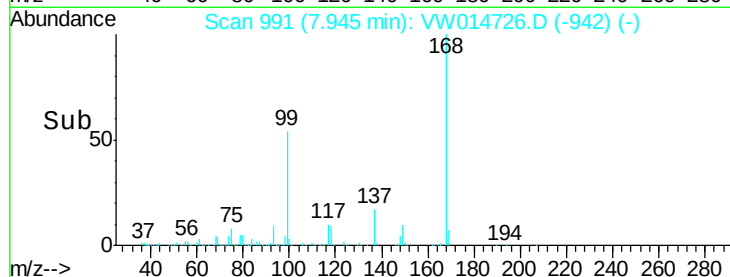
100000

50000

0

Time-->

7.80 7.90 8.00



#16

Acetone

Concen: 32.098 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014726.D

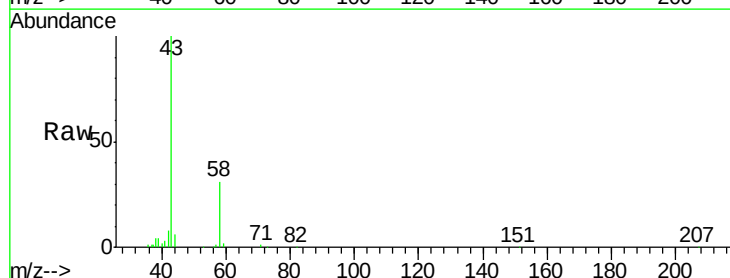
Acq: 23 Jan 2020 16:09

Tgt Ion: 43 Resp: 44482

Ion Ratio Lower Upper

43 100

58 30.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

15000

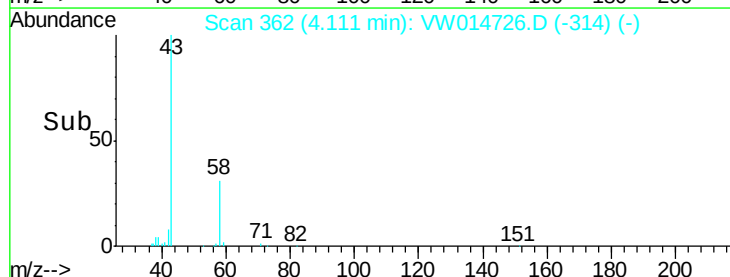
10000

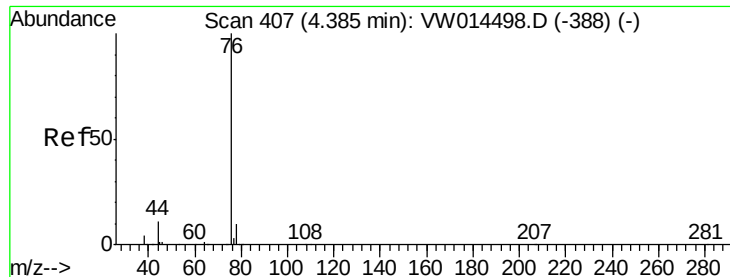
5000

0

Time-->

4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 5.693 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014726.D

Acq: 23 Jan 2020 16:09

Instrument :

MSVOA_W

ClientSampleId :

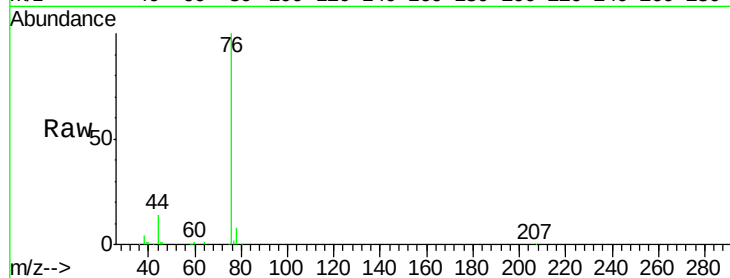
CTY-SB-06-1.5-2.5

Tot Ion: 76 Resp: 95858

Ion Ratio Lower Upper

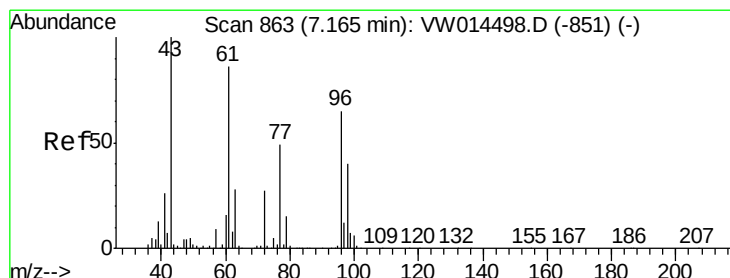
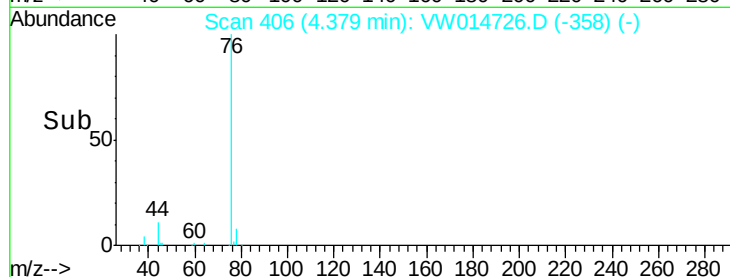
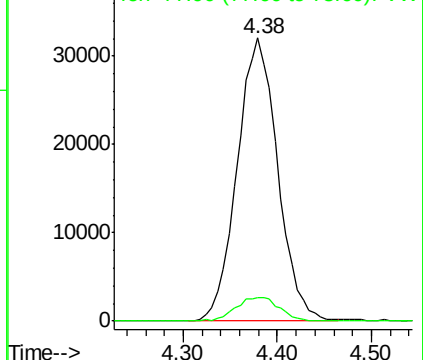
76 100

78 8.3 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#27

cis-1,2-Dichloroethene

Concen: 1.033 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014726.D

Acq: 23 Jan 2020 16:09

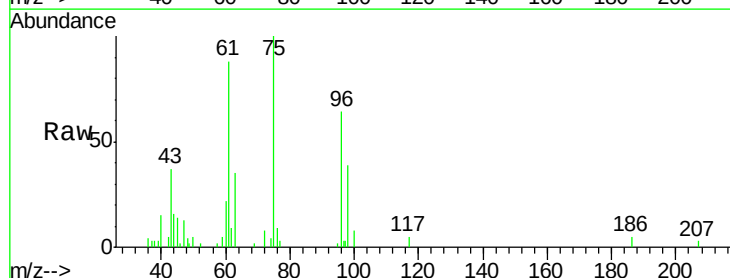
Tgt Ion: 96 Resp: 6437

Ion Ratio Lower Upper

96 100

61 148.1 0.0 274.8

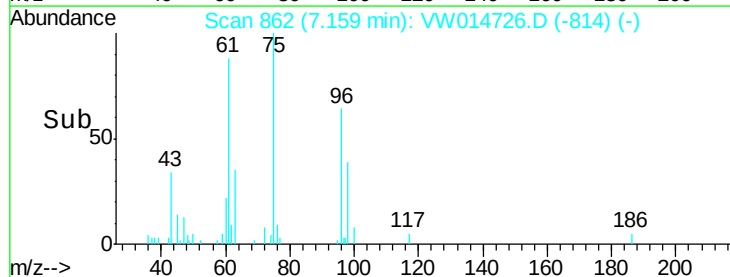
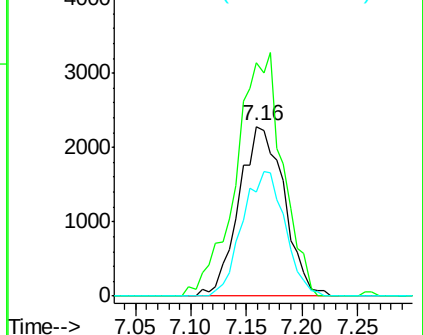
98 69.5 0.0 128.6

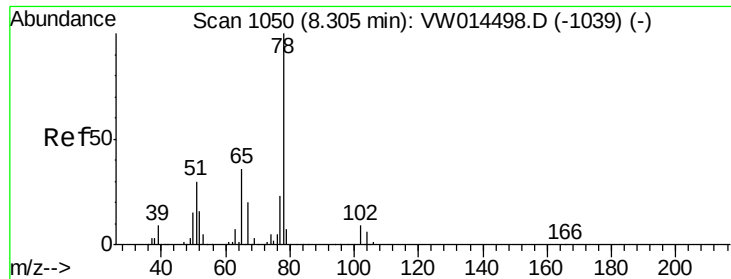


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

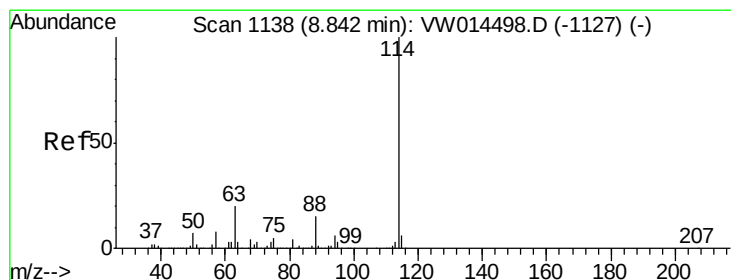
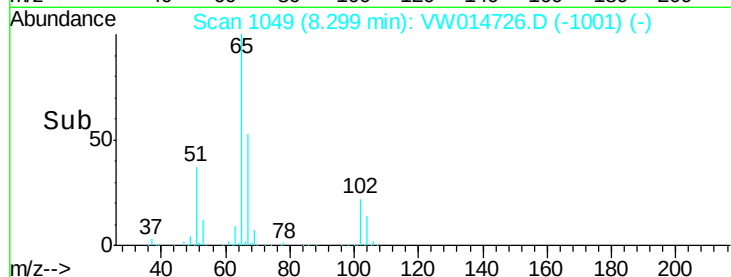
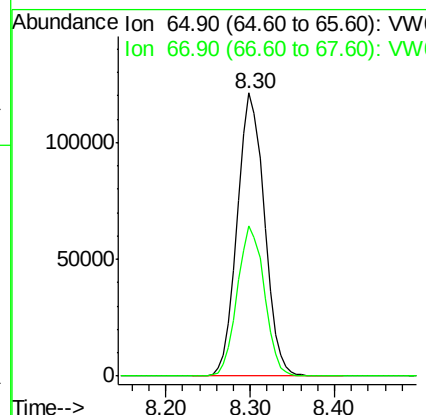
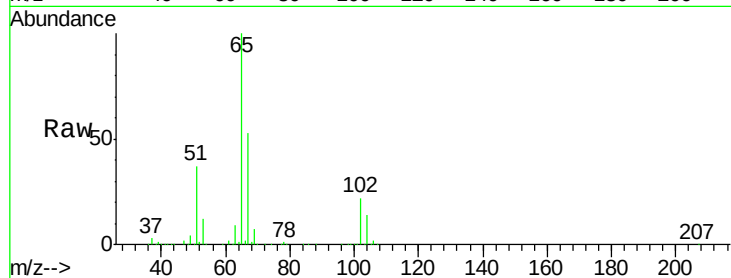




#33
 1,2-Dichloroethane-d4
 Concen: 53.963 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014726.D
 Acq: 23 Jan 2020 16:09

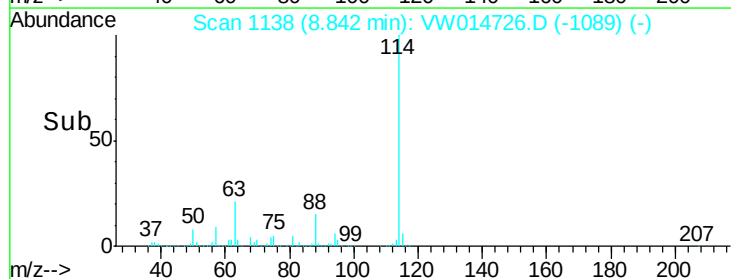
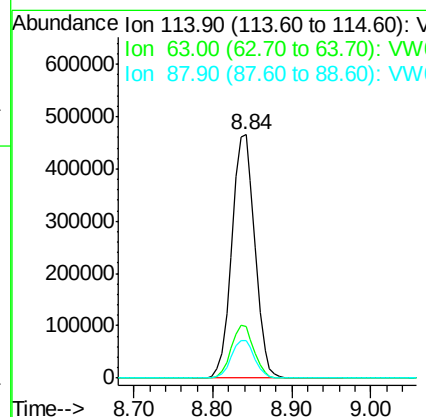
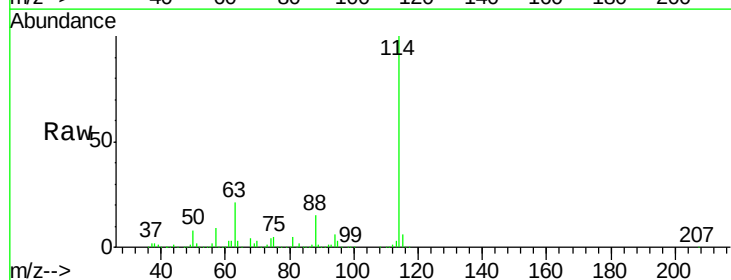
Instrument :
 MSVOA_W
 ClientSampleId :
 CTY-SB-06-1.5-2.5

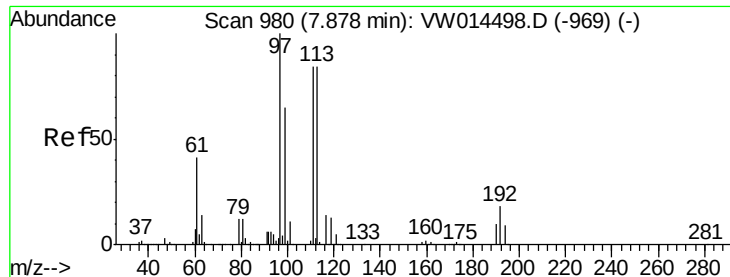
Tot Ion: 65 Resp: 264841
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014726.D
 Acq: 23 Jan 2020 16:09

Tgt Ion: 114 Resp: 943234
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.4
 88 15.2 0.0 30.6

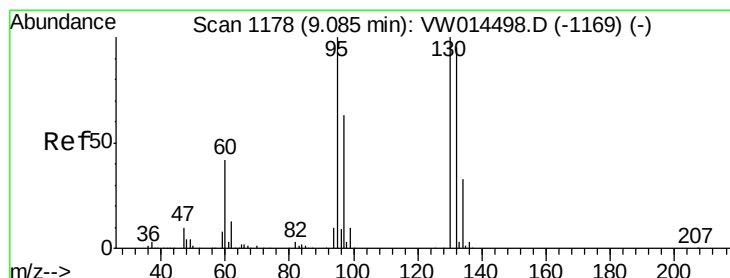
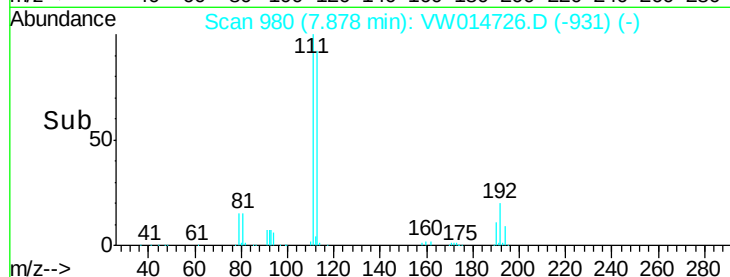
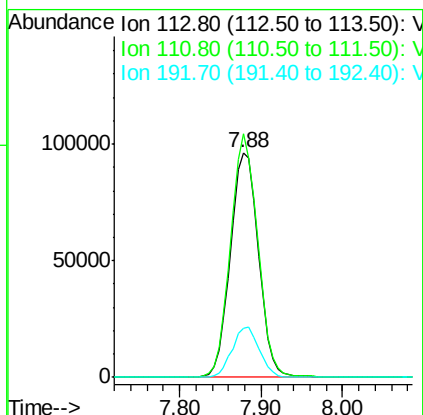
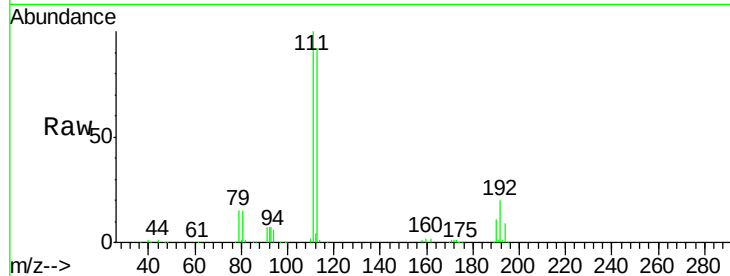




#35
 Dibromofluoromethane
 Concen: 42.412 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014726.D
 Acq: 23 Jan 2020 16:09

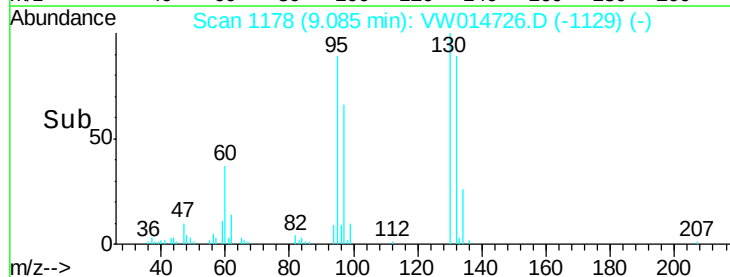
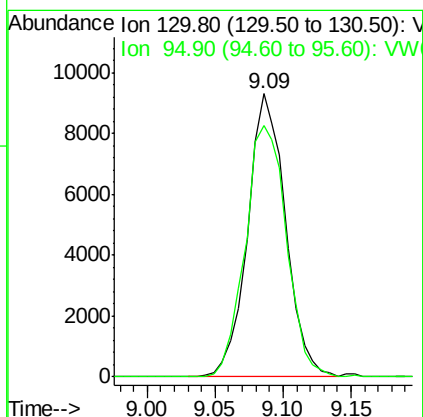
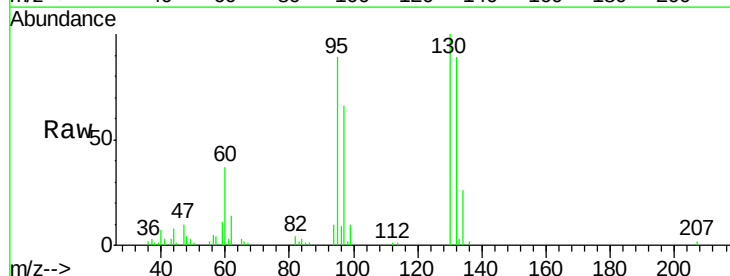
Instrument :
 MSVOA_W
 ClientSampleId :
 CTY-SB-06-1.5-2.5

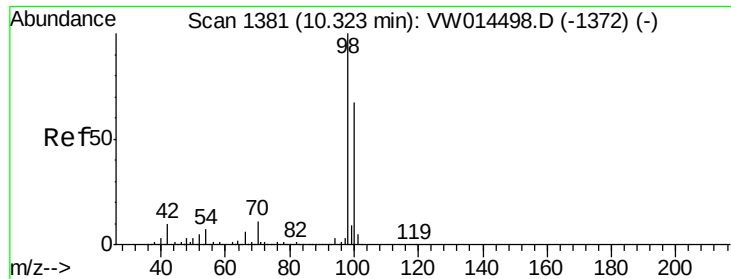
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.4	122.2
192	21.6	17.8	26.8



#44
 Trichloroethene
 Concen: 2.614 ug/l
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW014726.D
 Acq: 23 Jan 2020 16:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	199.4

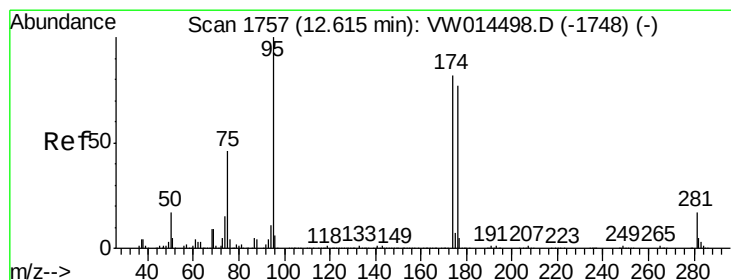
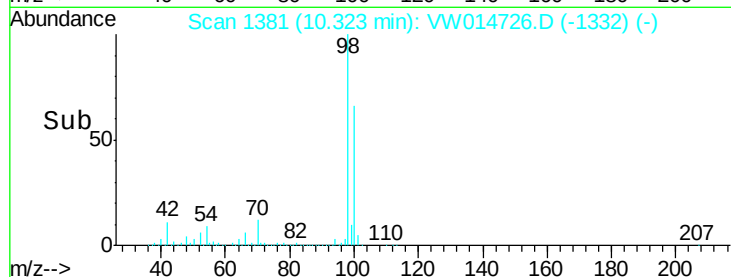
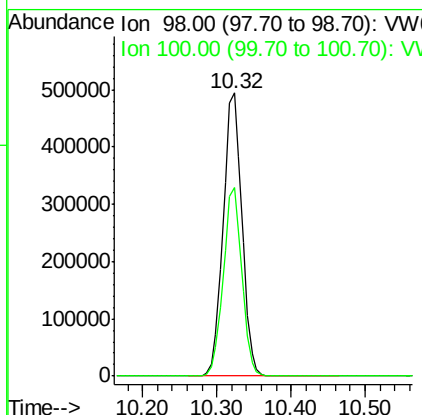
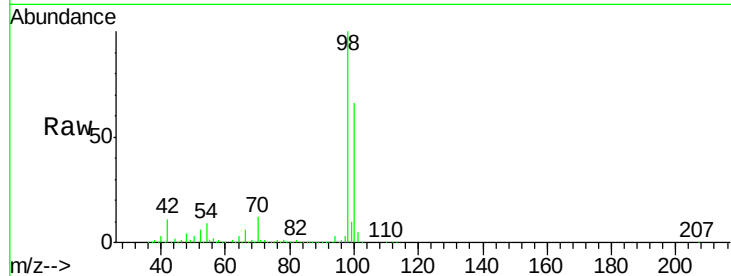




#50
Toluene-d8
Concen: 38.756 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014726.D
Acq: 23 Jan 2020 16:09

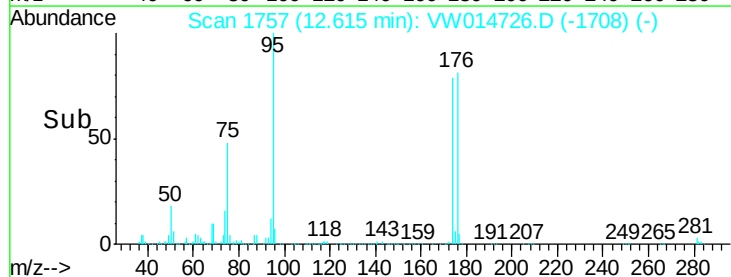
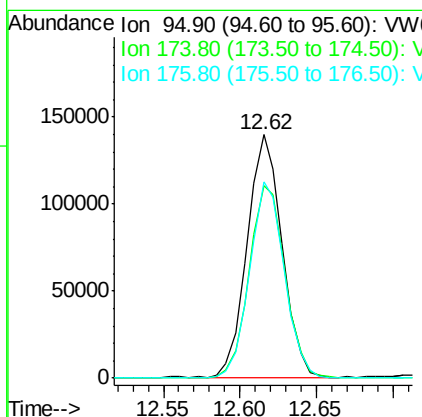
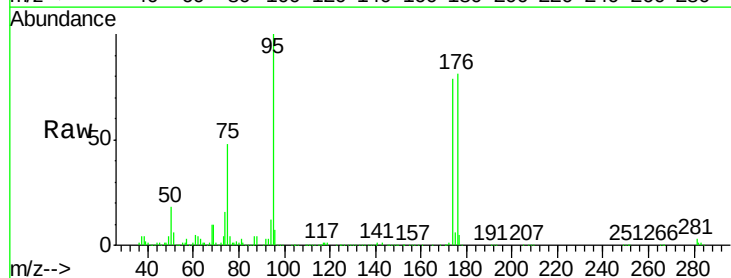
Instrument :
MSVOA_W
ClientSampleId :
CTY-SB-06-1.5-2.5

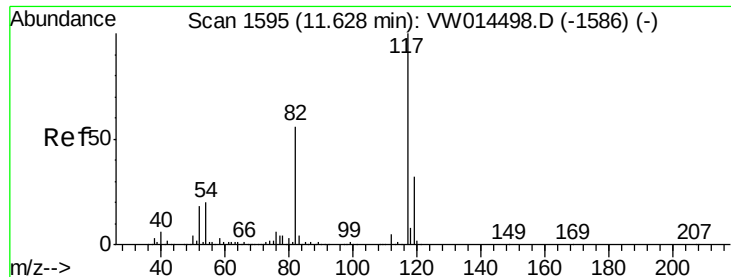
Tot Ion: 98 Resp: 871900
Ion Ratio Lower Upper
98 100
100 65.7 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 28.872 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014726.D
Acq: 23 Jan 2020 16:09

Tgt Ion: 95 Resp: 220315
Ion Ratio Lower Upper
95 100
174 81.8 0.0 168.6
176 80.8 0.0 162.0

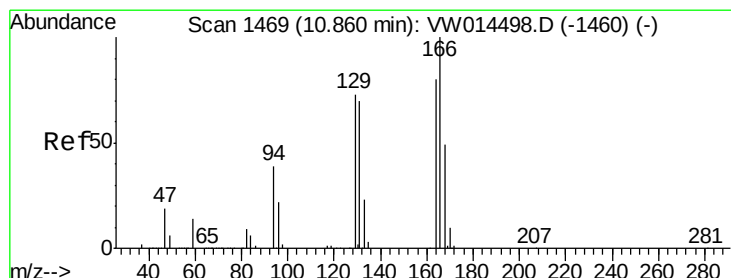
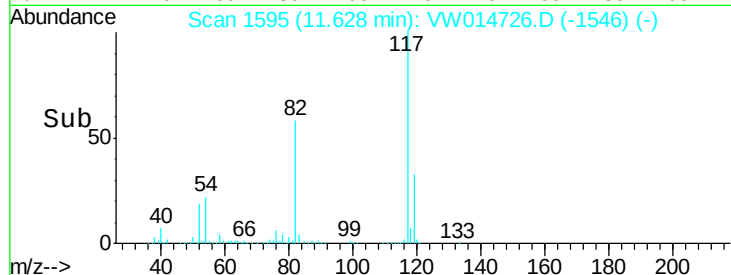
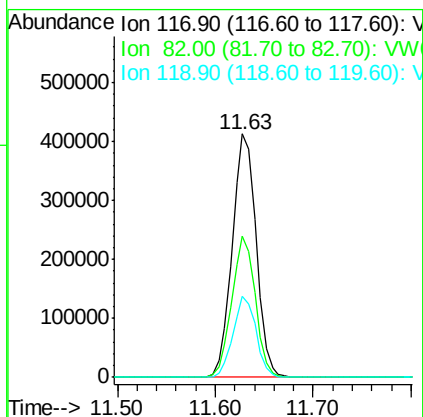
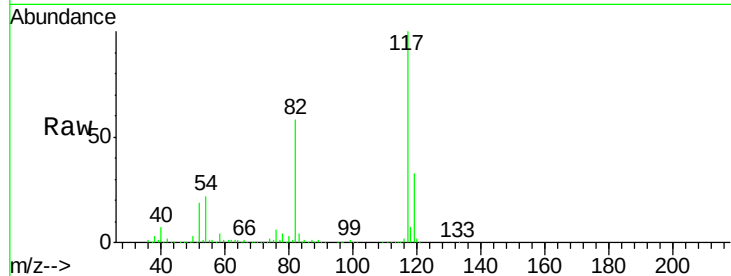




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014726.D
Acq: 23 Jan 2020 16:09

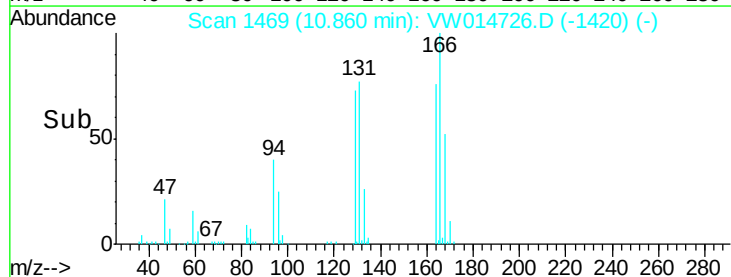
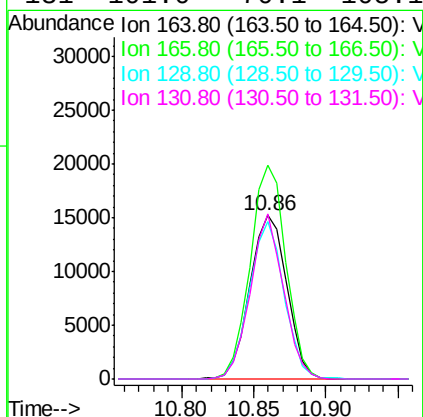
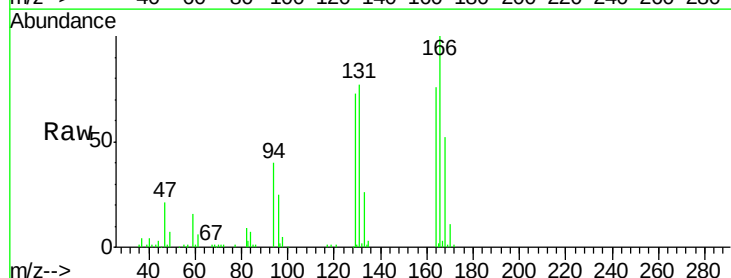
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CTY-SB-06-1.5-2.5

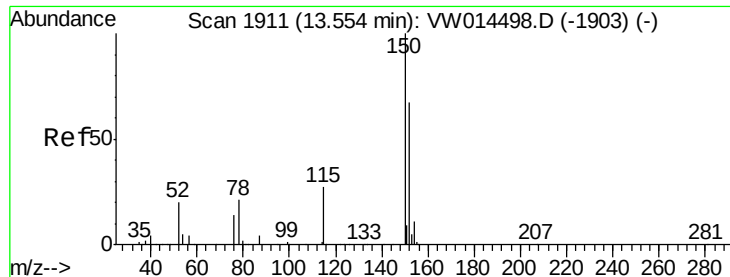
Tot Ion:117 Resp: 702069
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 33.1 25.7 38.5



#64
Tetrachloroethene
Concen: 5.308 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014726.D
Acq: 23 Jan 2020 16:09

Tgt Ion:164 Resp: 26979
Ion Ratio Lower Upper
164 100
166 130.8 99.8 149.6
129 96.1 72.4 108.6
131 101.0 70.1 105.1

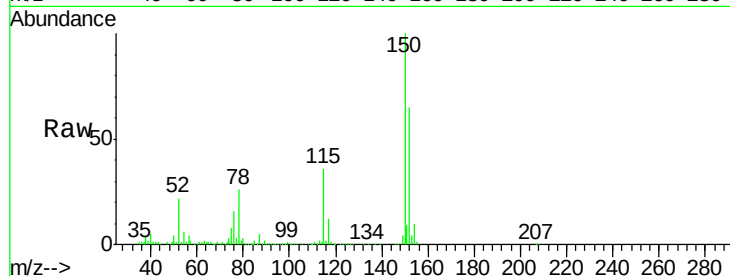




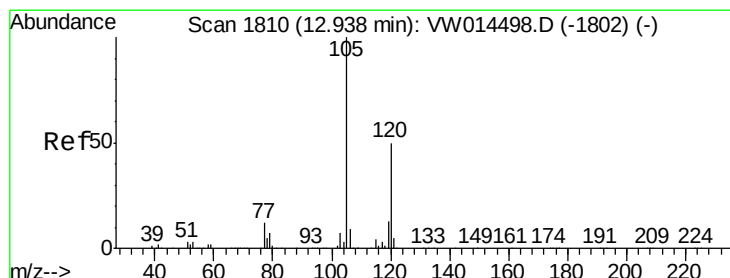
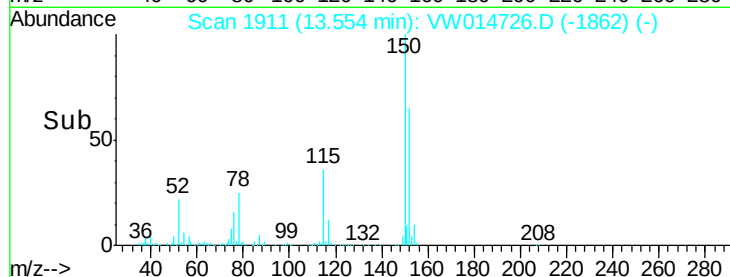
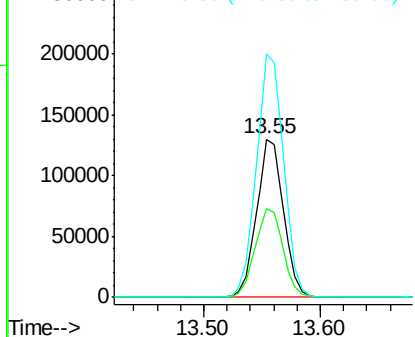
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: VW014726.D
 Acq: 23 Jan 2020 16:09

Instrument :
 MSVOA_W
 ClientSampleId :
 CTY-SB-06-1.5-2.5

Tot Ion:152 Resp: 209729
 Ion Ratio Lower Upper
 152 100
 115 57.8 27.7 83.1
 150 156.8 0.0 343.4

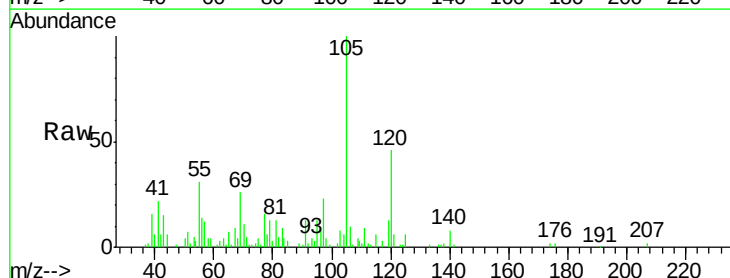


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

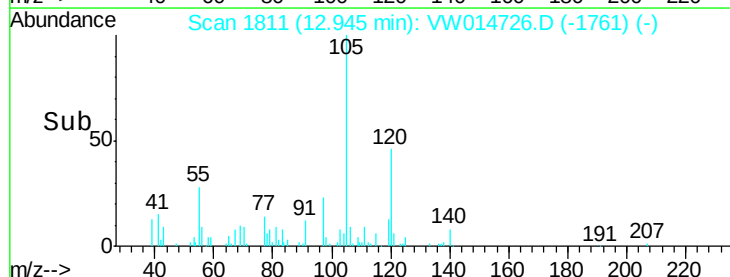
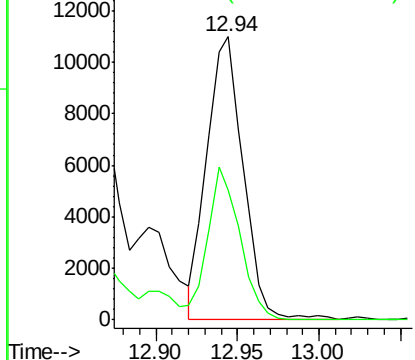


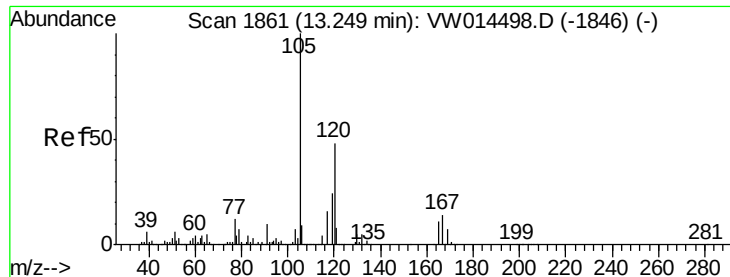
#80
 1,3,5-Trimethylbenzene
 Concen: 1.324 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW014726.D
 Acq: 23 Jan 2020 16:09

Tgt Ion:105 Resp: 17104
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.2 75.6



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

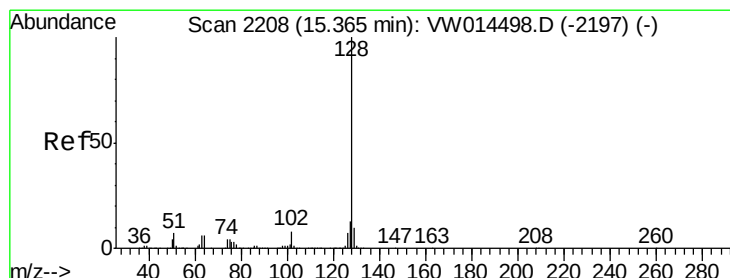
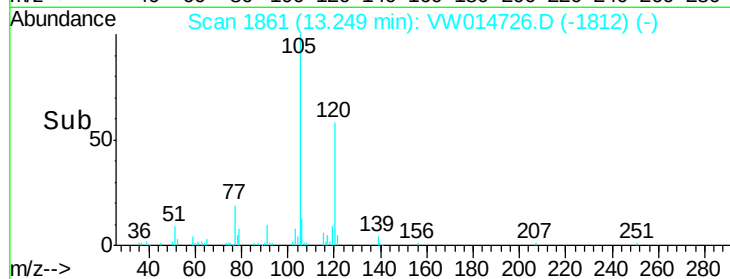
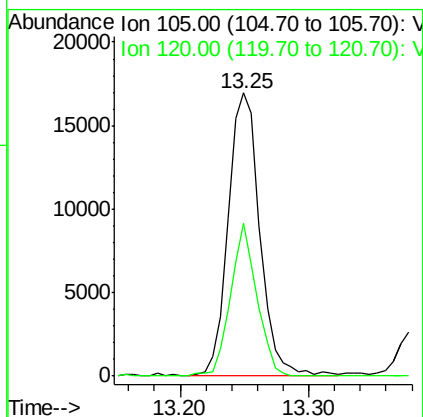
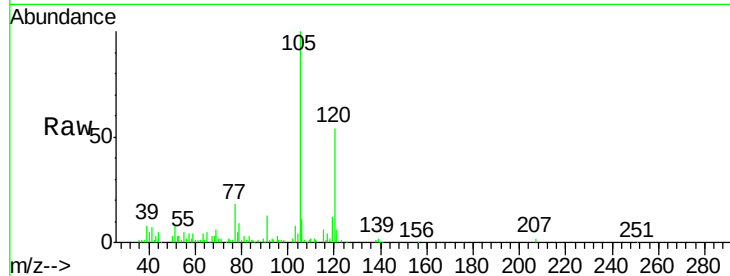




#84
 1,2,4-Trimethylbenzene
 Concen: 2.275 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW014726.D
 Acq: 23 Jan 2020 16:09

Instrument :
 MSVOA_W
 ClientSampleId :
 CTY-SB-06-1.5-2.5

Tot Ion:105 Resp: 29251
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.4 70.0



#95
 Naphthalene
 Concen: 7.019 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW014726.D
 Acq: 23 Jan 2020 16:09

Tgt Ion:128 Resp: 49378
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.6 15.8
 129 12.6 8.7 13.1

