

Data File : VW014977.D
Acq On : 13 Feb 2020 13:53
Operator : SY/VA
Sample : VW0213SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK302

Quant Time: Feb 14 04:21:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 13 12:39:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	677741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	634245	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	238118	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	339860	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.60%
7) Chloroethane-d5	2.89	69	248884	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
11) 1,1-Dichloroethene-d2	4.02	63	441108	18.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.04%
21) 2-Butanone-d5	7.07	46	186351	48.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.98%
24) Chloroform-d	7.65	84	507356	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.49	65	184	0.01	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
32) Benzene-d6	8.27	84	1027172	24.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.12%
36) 1,2-Dichloropropane-d6	9.27	67	354322	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
41) Toluene-d8	10.32	98	863118	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.76%
43) trans-1,3-Dichloropropene-	10.57	79	132194	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.72%
47) 2-Hexanone-d5	10.92	63	126062	48.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.44%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	259510	23.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.64%
66) 1,2-Dichlorobenzene-d4	13.85	152	232837	25.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.92%

Target Compounds

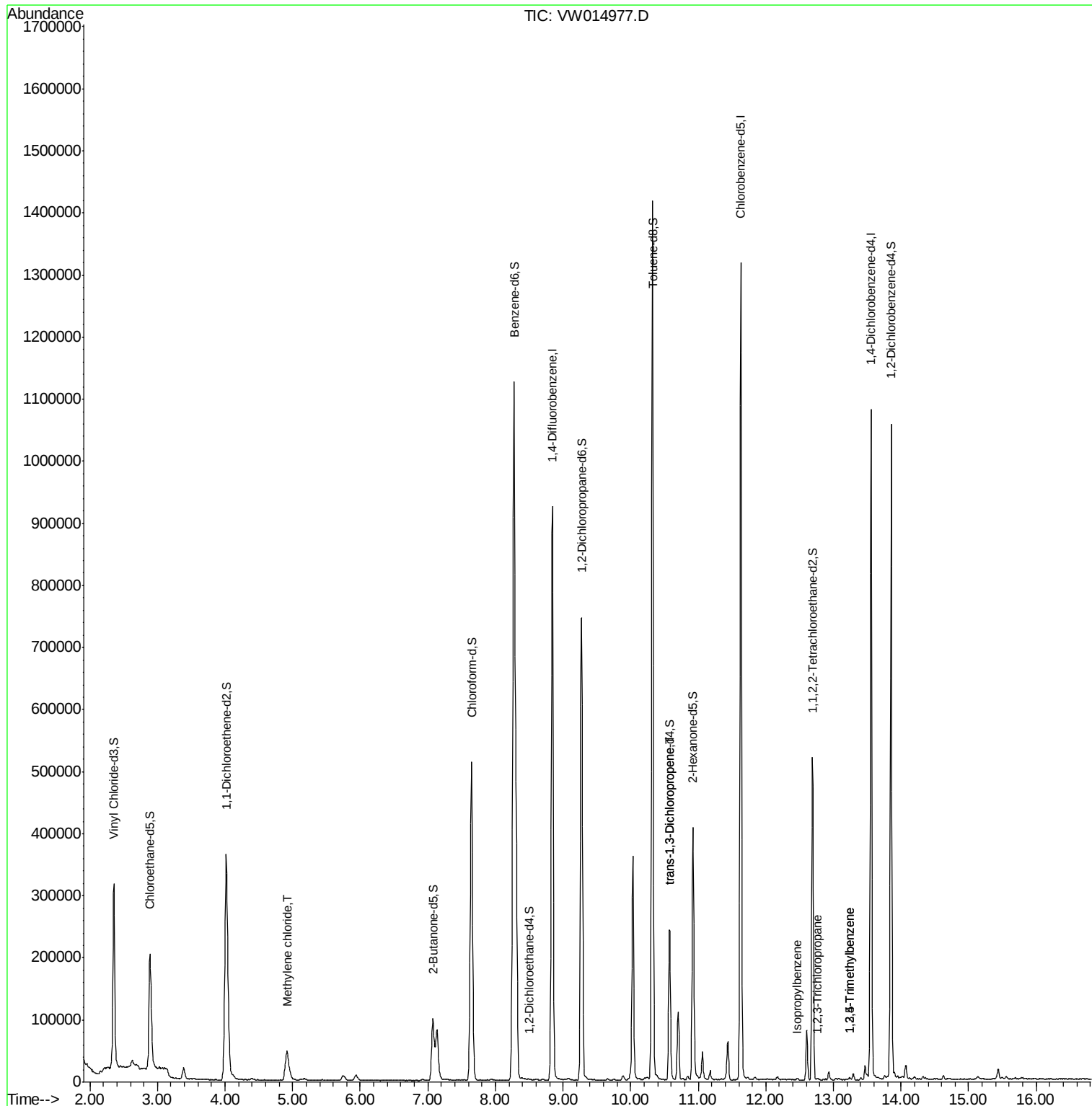
					Qvalue
16) Methylene chloride	4.92	84	36014	2.876 ug/L	95
44) trans-1,3-Dichloropropene	10.58	75	6434	0.446 ug/L	98
60) Isopropylbenzene	12.47	105	697	0.019 ug/L #	56
61) 1,2,3-Trichloropropane	12.77	75	184	0.026 ug/L #	1
62) 1,3,5-Trimethylbenzene	13.25	105	1605	0.054 ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	1605	0.055 ug/L	94

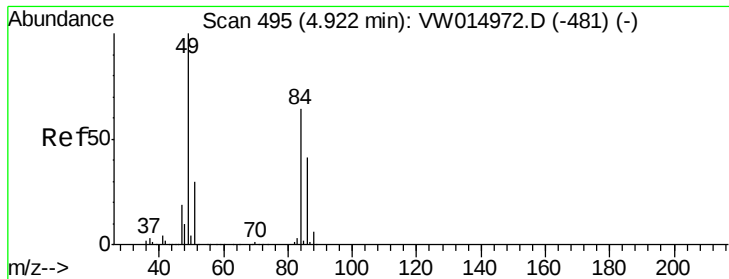
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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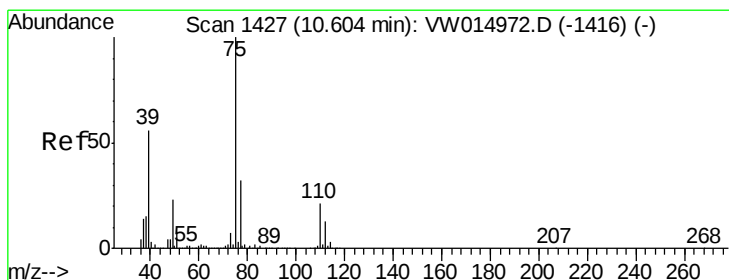
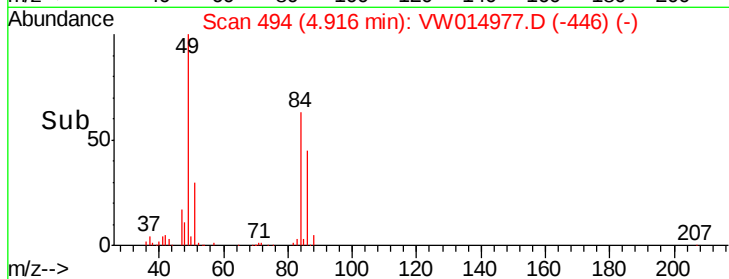
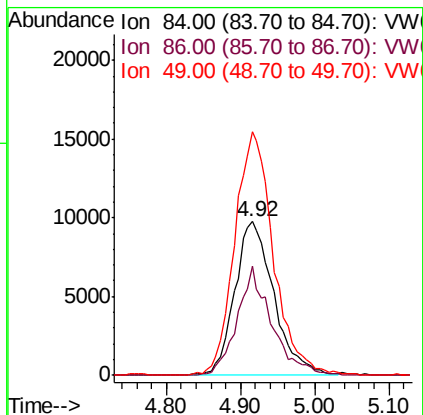
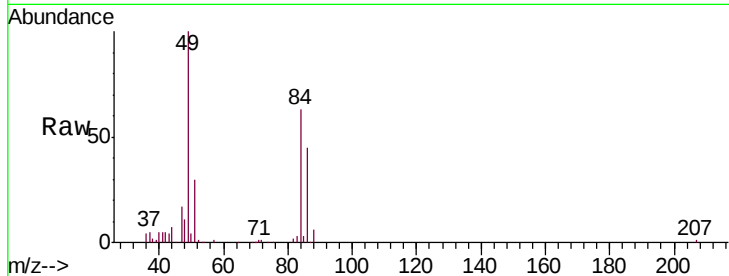




#16
Methylene chloride
Concen: 2.876 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW014977.D
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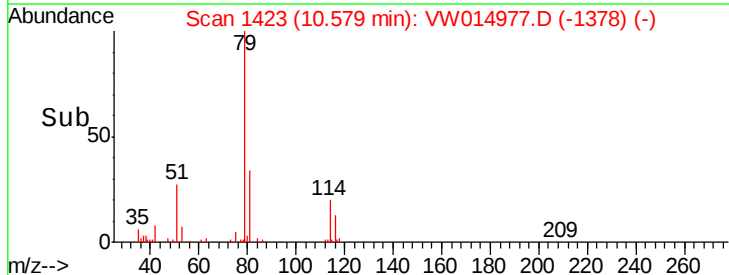
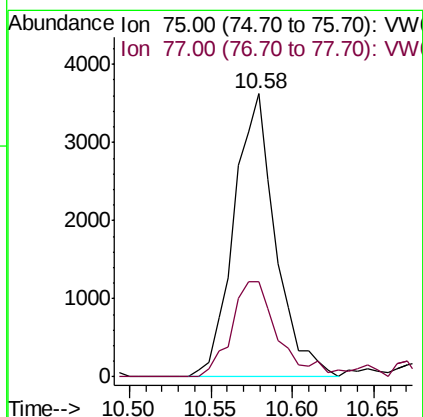
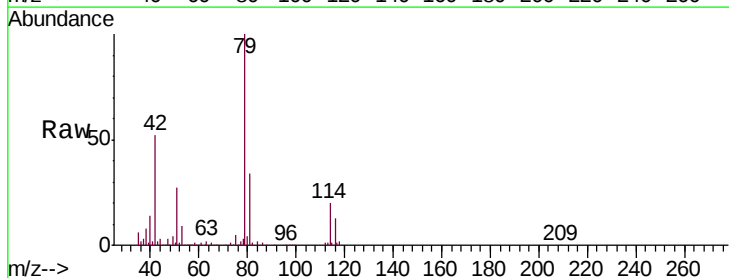
Instrument :
MSVOA_W
ClientSampleId :
VBLK302

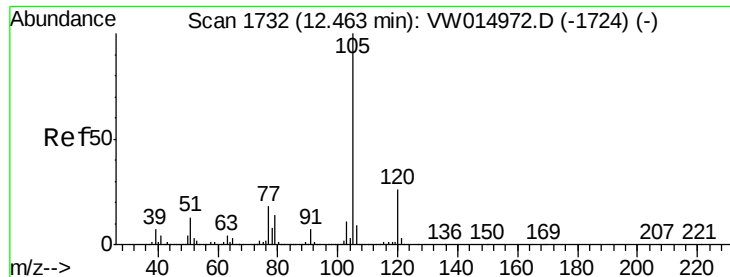
Tgt Ion: 84 Resp: 36014
Ion Ratio Lower Upper
84 100
86 71.2 44.4 82.4
49 158.7 109.0 202.4



#44
trans-1,3-Dichloropropene
Concen: 0.446 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW014977.D
Acq: 13 Feb 2020 13:53

Tgt Ion: 75 Resp: 6434
Ion Ratio Lower Upper
75 100
77 33.5 22.7 42.1





#60

Isopropylbenzene

Concen: 0.019 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW014977.D

Acq: 13 Feb 2020 13:53

Instrument :

MSVOA_W

ClientSampled :

VBLK302

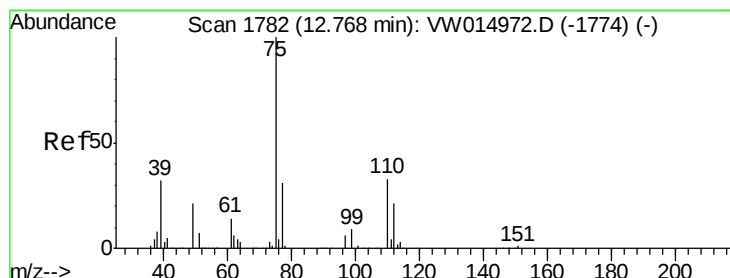
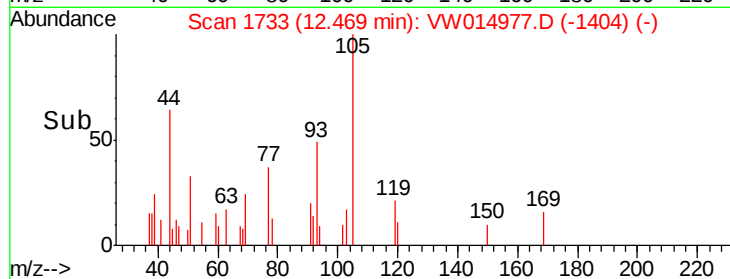
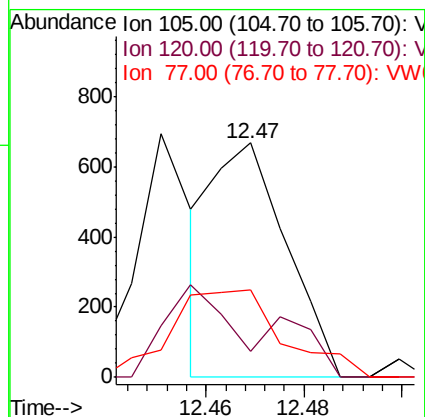
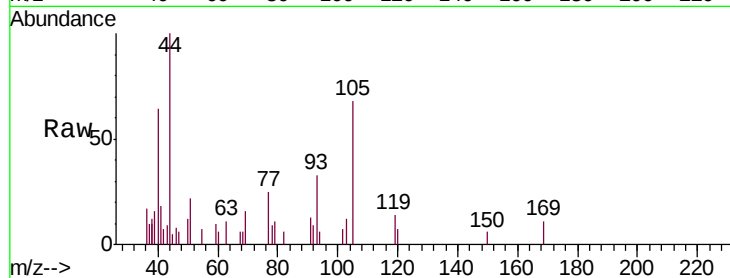
Tgt Ion: 105 Resp: 697

Ion Ratio Lower Upper

105 100

120 16.2 20.1 30.1#

77 53.7 14.4 21.6#



#61

1,2,3-Trichloropropane

Concen: 0.026 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014977.D

Acq: 13 Feb 2020 13:53

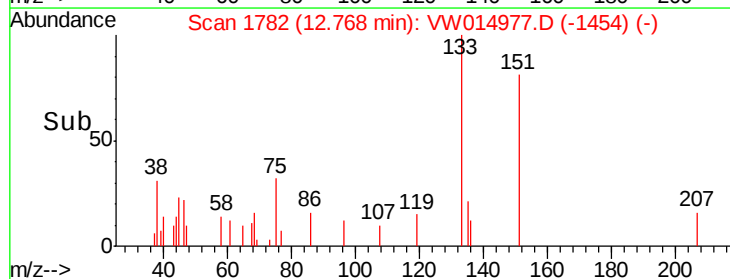
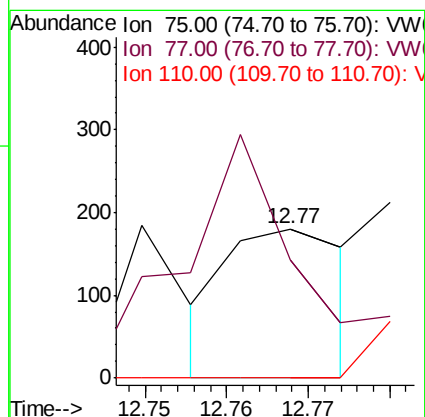
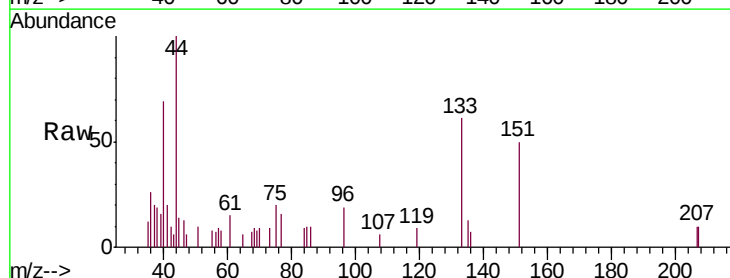
Tgt Ion: 75 Resp: 184

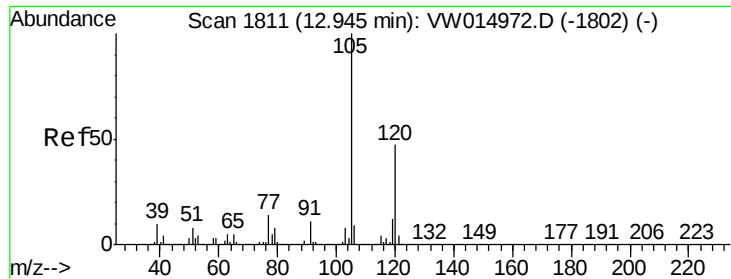
Ion Ratio Lower Upper

75 100

77 164.1 25.8 38.6#

110 0.0 26.6 39.8#

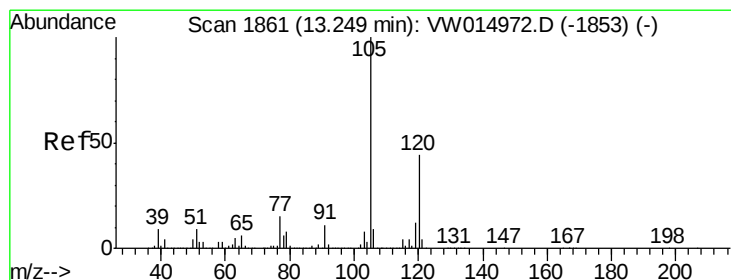
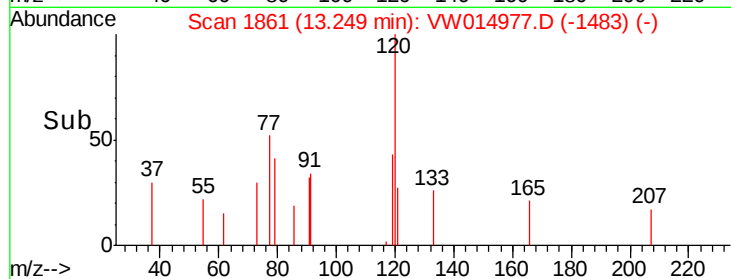
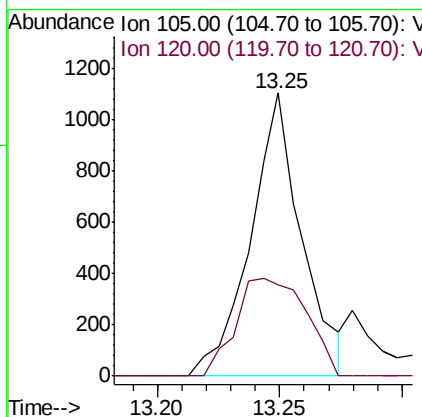
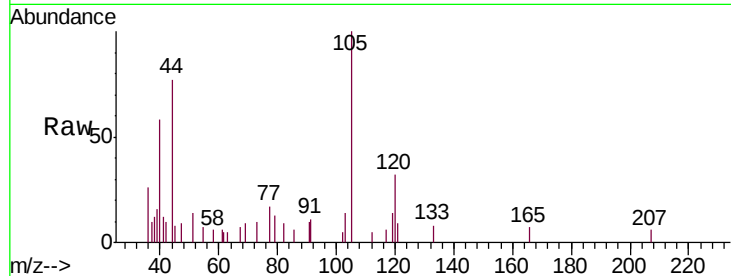




#62
 1,3,5-Trimethylbenzene
 Concen: 0.054 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.30 min
 Lab File: VW014977.D
 Acq: 13 Feb 2020 13:53

Instrument :
 MSVOA_W
 ClientSampled :
 VBLK302

Tgt Ion:105 Resp: 1605
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.055 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014977.D
 Acq: 13 Feb 2020 13:53

Tgt Ion:105 Resp: 1605
 Ion Ratio Lower Upper
 105 100
 120 47.5 35.0 52.4

