

Data File : VW014989.D
Acq On : 14 Feb 2020 11:06
Operator : SY/VA
Sample : VW0214SBL05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK305

Quant Time: Feb 15 02:01:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Feb 15 01:59:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	748989	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	692470	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	254649	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	375921	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
7) Chloroethane-d5	2.89	69	284926	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.16%
11) 1,1-Dichloroethene-d2	4.01	63	502210	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.24%
21) 2-Butanone-d5	7.07	46	195527	46.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.02%
24) Chloroform-d	7.65	84	589020	24.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	8.31	65	359168	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	8.27	84	1195608	25.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.48%
36) 1,2-Dichloropropane-d6	9.27	67	406914	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.44%
41) Toluene-d8	10.32	98	1002888	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.92%
43) trans-1,3-Dichloropropene-	10.57	79	146302	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.00%
47) 2-Hexanone-d5	10.92	63	129535	45.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.76%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	279250	23.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.28%
66) 1,2-Dichlorobenzene-d4	13.85	152	260210	27.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.60%

Target Compounds

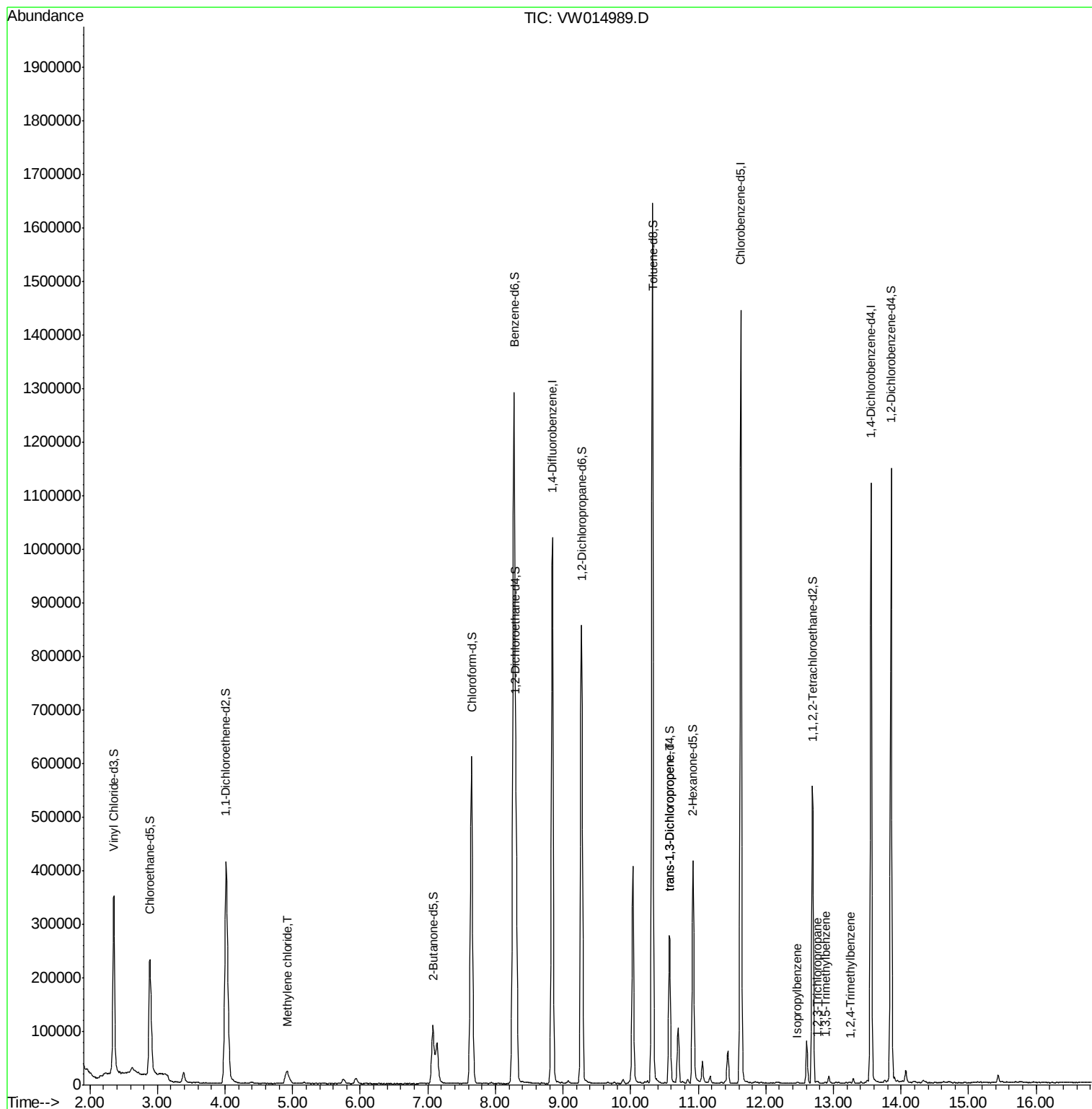
					Qvalue
16) Methylene chloride	4.92	84	15891	1.148 ug/L	94
44) trans-1,3-Dichloropropene	10.57	75	6403	0.406 ug/L	86
60) Isopropylbenzene	12.46	105	628	0.016 ug/L #	66
61) 1,2,3-Trichloropropane	12.77	75	170	0.023 ug/L #	7
62) 1,3,5-Trimethylbenzene	12.89	105	49	0.002 ug/L	91
63) 1,2,4-Trimethylbenzene	13.26	105	1003	0.032 ug/L	100

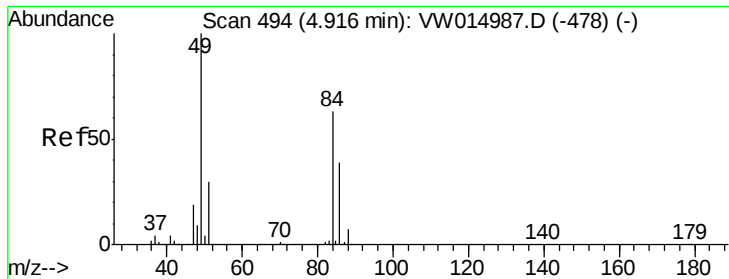
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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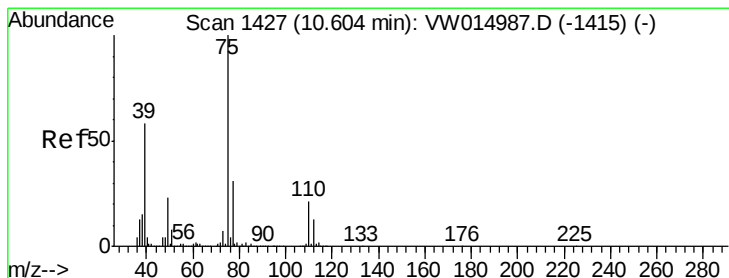
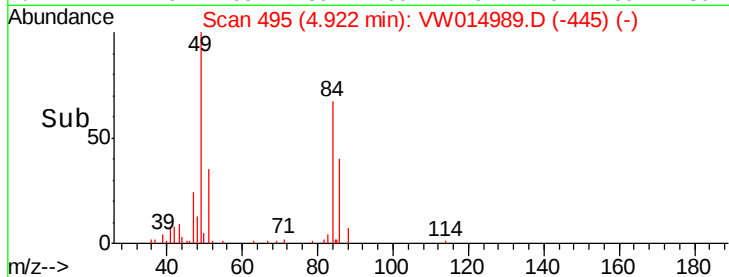
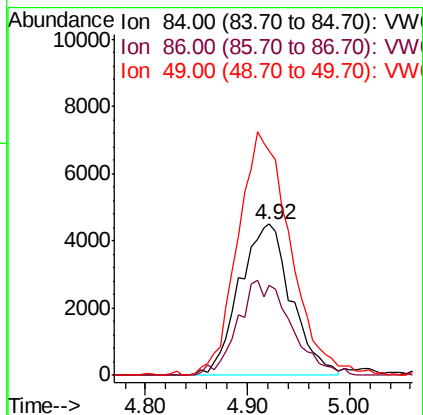
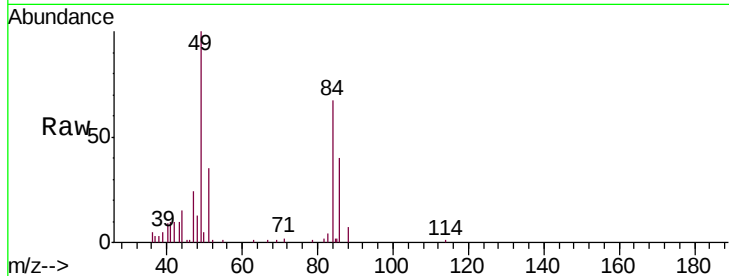




#16
Methylene chloride
Concen: 1.148 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014989.D
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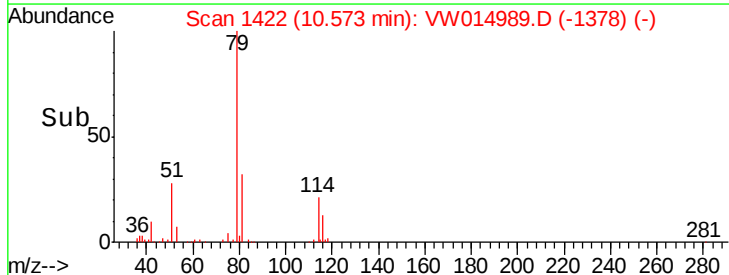
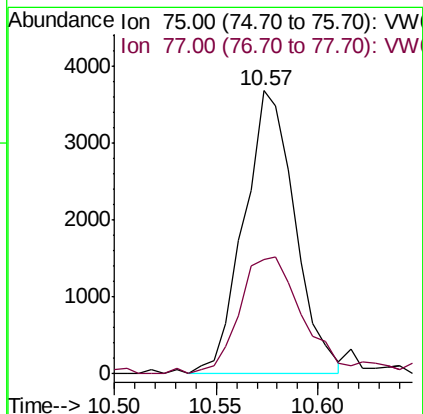
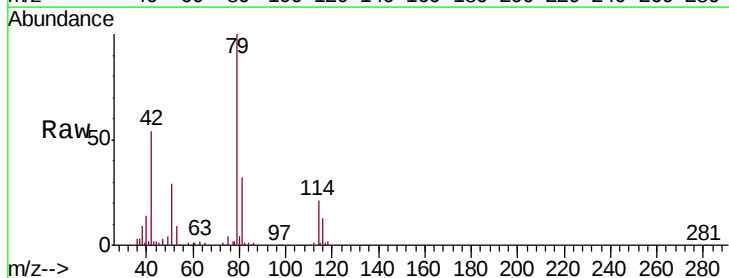
Instrument :
MSVOA_W
ClientSampleId :
VBLK305

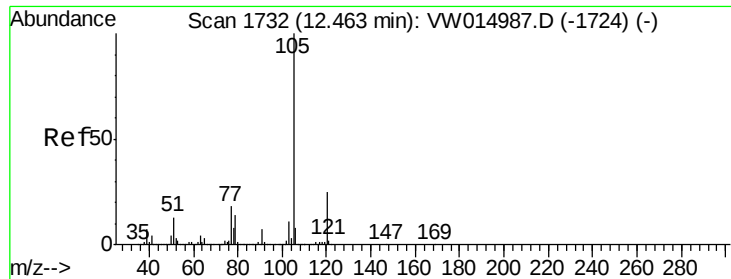
Tgt Ion: 84 Resp: 15891
Ion Ratio Lower Upper
84 100
86 59.2 44.4 82.4
49 148.2 109.0 202.4



#44
trans-1,3-Dichloropropene
Concen: 0.406 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW014989.D
Acq: 14 Feb 2020 11:06

Tgt Ion: 75 Resp: 6403
Ion Ratio Lower Upper
75 100
77 40.3 22.7 42.1





#60

Isopropylbenzene

Concen: 0.016 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014989.D

Acq: 14 Feb 2020 11:06

Instrument :

MSVOA_W

ClientSampled :

VBLK305

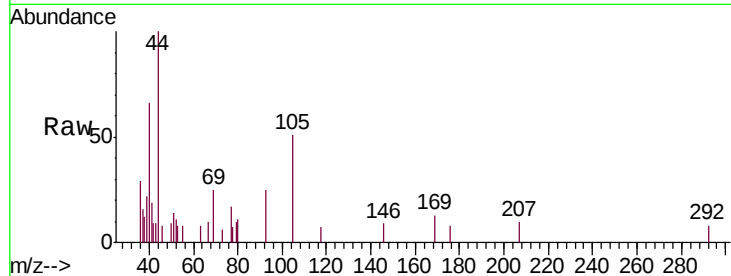
Tgt Ion: 105 Resp: 628

Ion Ratio Lower Upper

105 100

120 0.0 20.1 30.1#

77 23.4 14.4 21.6#

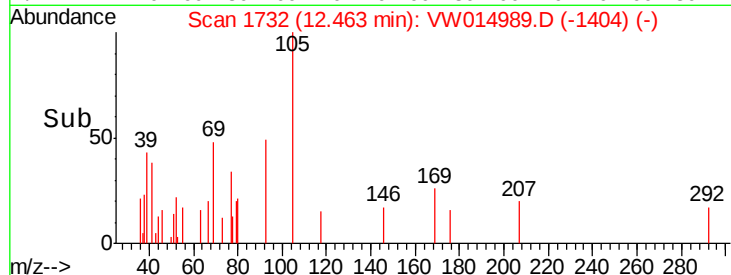


Abundance Ion 105.00 (104.70 to 105.70): V

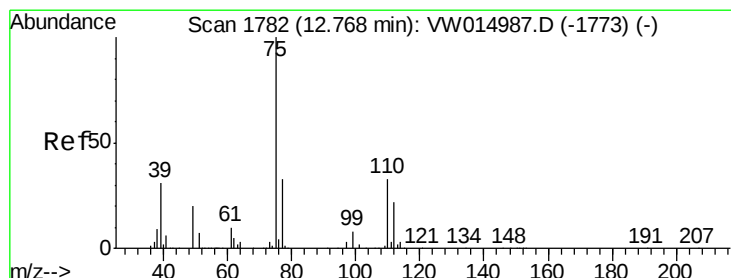
Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

Time-->



Time-->



#61

1,2,3-Trichloropropane

Concen: 0.023 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW014989.D

Acq: 14 Feb 2020 11:06

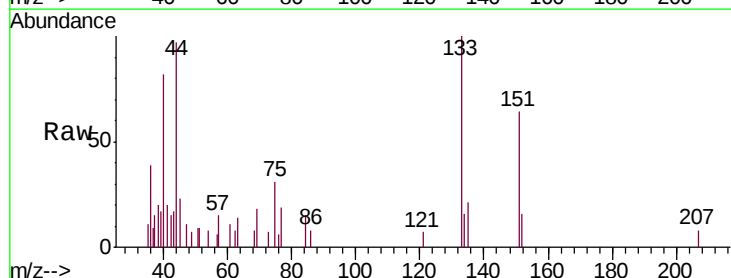
Tgt Ion: 75 Resp: 170

Ion Ratio Lower Upper

75 100

77 132.4 25.8 38.6#

110 28.2 26.6 39.8

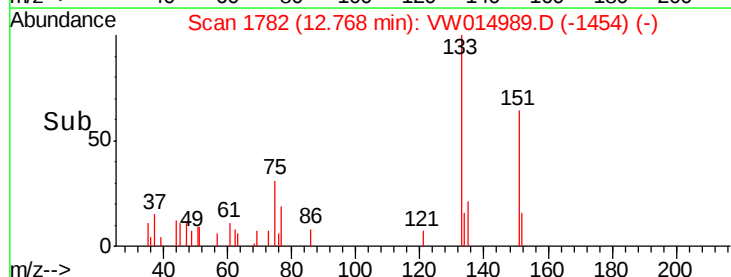


Abundance Ion 75.00 (74.70 to 75.70): V

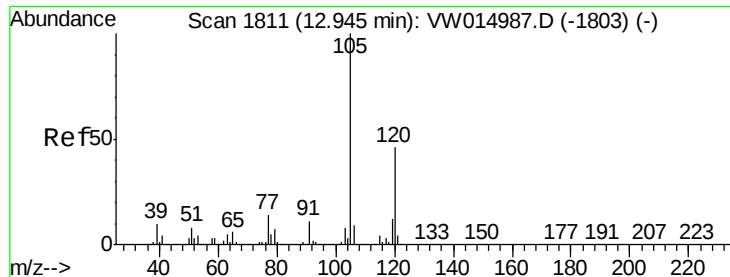
Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V

Time-->



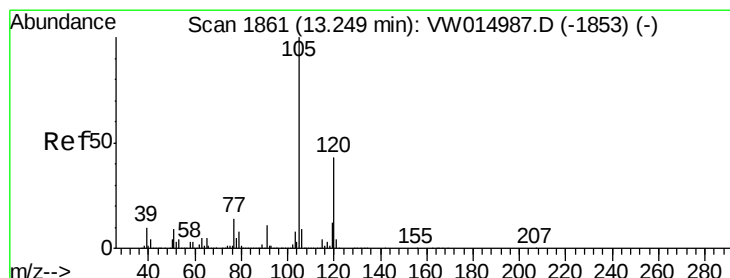
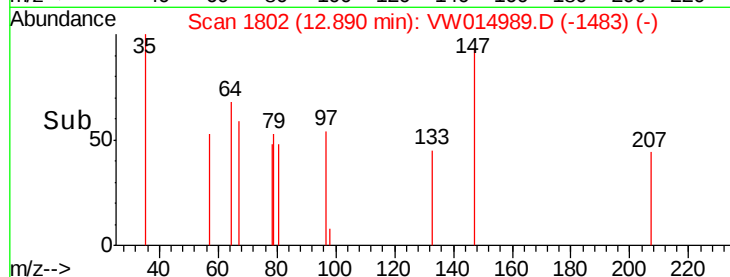
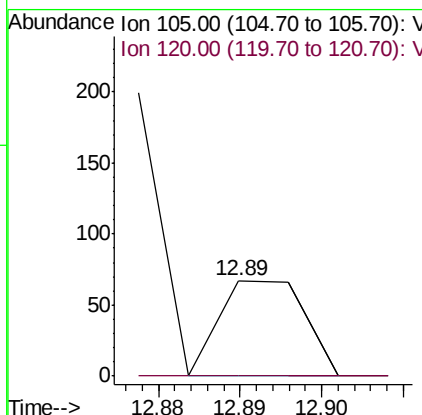
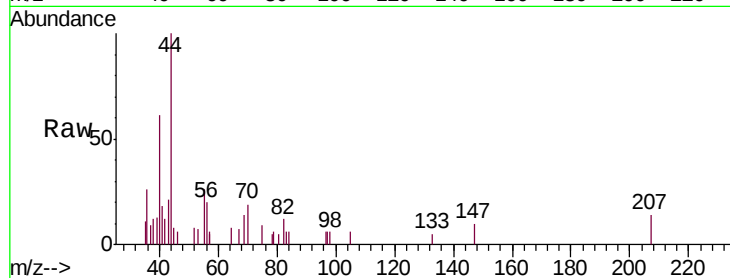
Time-->



#62
 1,3,5-Trimethylbenzene
 Concen: 0.002 ug/L
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.05 min
 Lab File: VW014989.D
 Acq: 14 Feb 2020 11:06

Instrument :
 MSVOA_W
 ClientSampled :
 VBLK305

Tgt Ion:105 Resp: 49
 Ion Ratio Lower Upper
 105 100
 120 40.8 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.032 ug/L
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW014989.D
 Acq: 14 Feb 2020 11:06

Tgt Ion:105 Resp: 1003
 Ion Ratio Lower Upper
 105 100
 120 43.6 35.0 52.4

