

Data File : VW014988.D
Acq On : 14 Feb 2020 10:40
Operator : SY/VA
Sample : VW0214SBL04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK304

Quant Time: Feb 15 02:01:22 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	615022	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	581603	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	212956	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	318818	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.96%
7) Chloroethane-d5	2.89	69	236926	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	4.02	63	425210	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.56%
21) 2-Butanone-d5	7.07	46	203325	58.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.80%
24) Chloroform-d	7.65	84	488096	24.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	8.31	65	309745	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.92%
32) Benzene-d6	8.27	84	987980	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
36) 1,2-Dichloropropane-d6	9.27	67	342402	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.60%
41) Toluene-d8	10.32	98	822527	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.52%
43) trans-1,3-Dichloropropene-	10.57	79	128413	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.32%
47) 2-Hexanone-d5	10.92	63	135208	56.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.80%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	262668	26.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.48%
66) 1,2-Dichlorobenzene-d4	13.85	152	225614	28.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.60%

Target Compounds

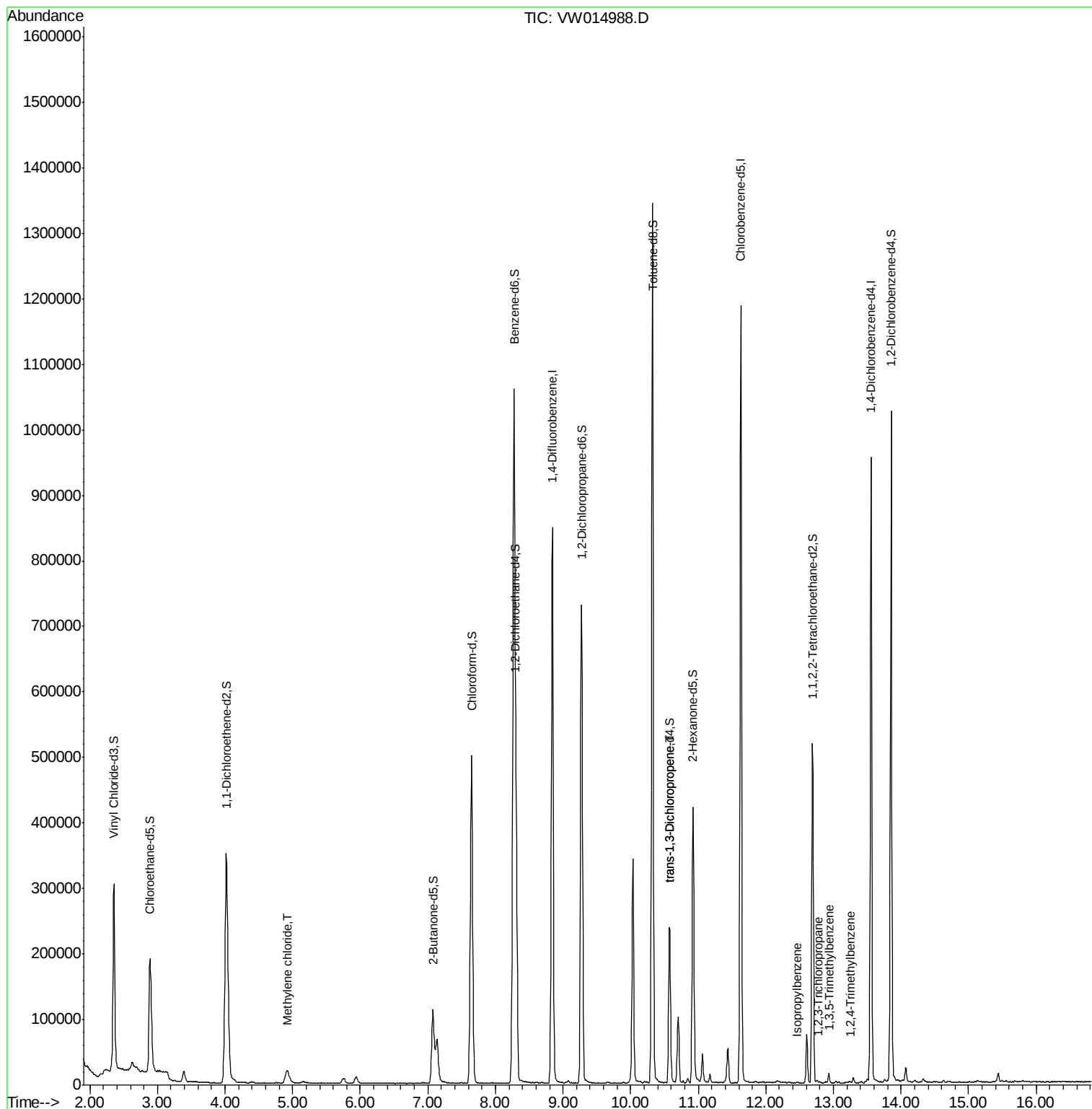
					Qvalue
16) Methylene chloride	4.92	84	8459	0.744 ug/L	96
44) trans-1,3-Dichloropropene	10.57	75	6157	0.465 ug/L	91
60) Isopropylbenzene	12.46	105	767	0.023 ug/L #	65
61) 1,2,3-Trichloropropane	12.77	75	328	0.053 ug/L #	42
62) 1,3,5-Trimethylbenzene	12.94	105	913	0.034 ug/L	90
63) 1,2,4-Trimethylbenzene	13.25	105	1091	0.042 ug/L #	82

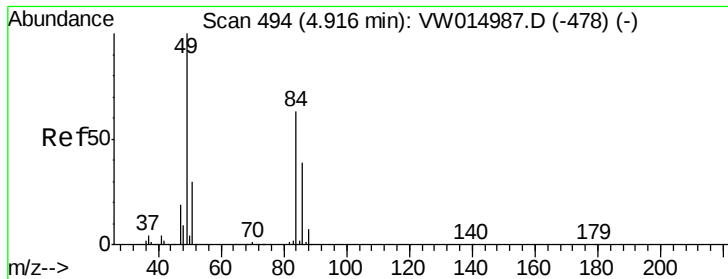
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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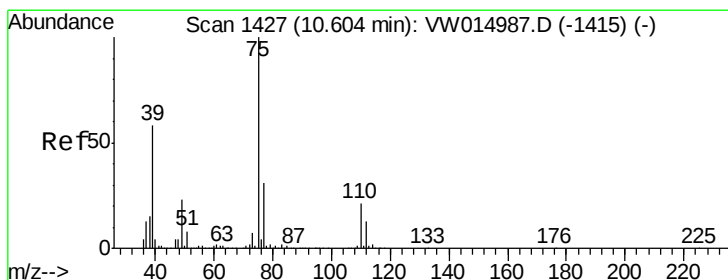
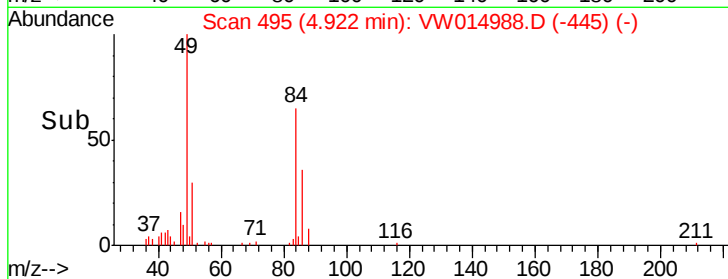
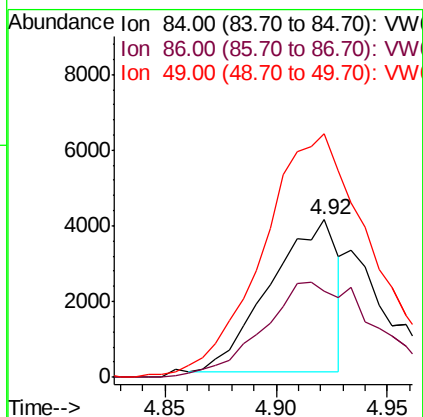
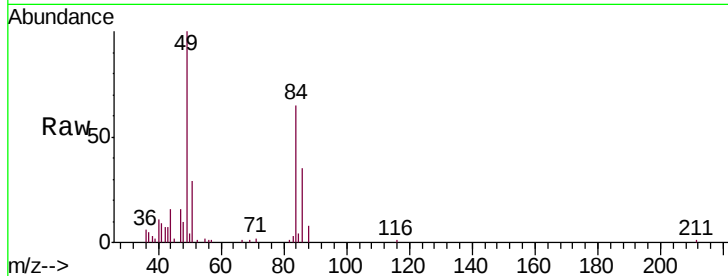




#16
Methylene chloride
Concen: 0.744 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014988.D
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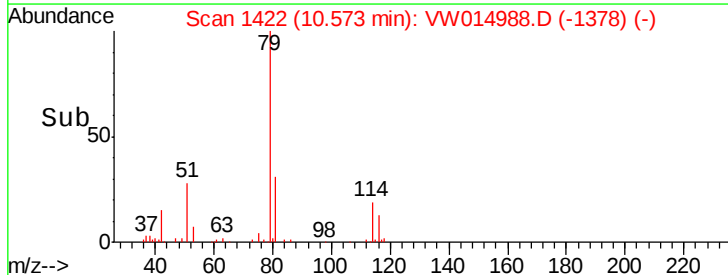
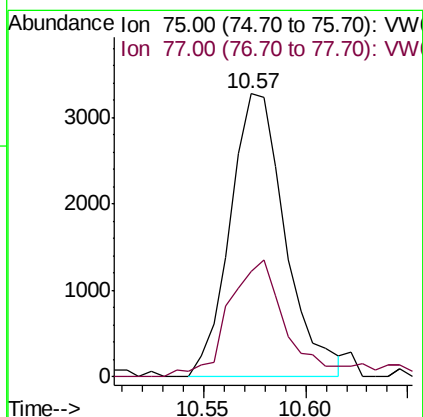
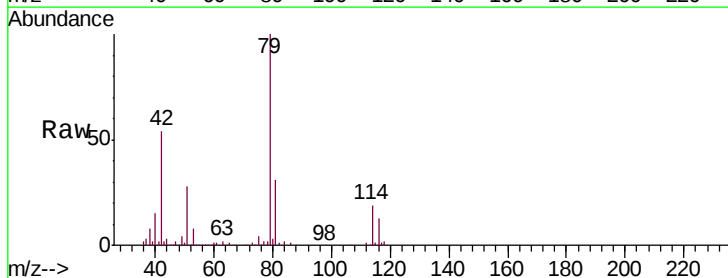
Instrument :
MSVOA_W
ClientSampled :
VBLK304

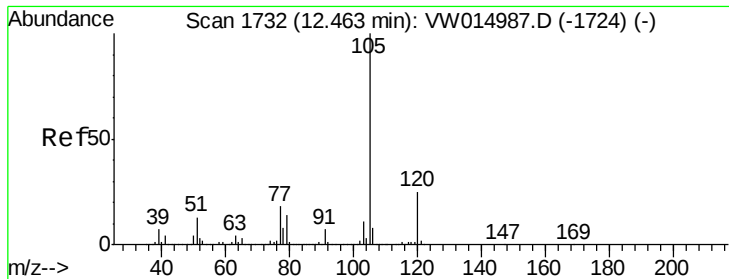
Tgt Ion: 84 Resp: 8459
Ion Ratio Lower Upper
84 100
86 54.9 44.4 82.4
49 154.8 109.0 202.4



#44
trans-1,3-Dichloropropene
Concen: 0.465 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW014988.D
Acq: 14 Feb 2020 10:40

Tgt Ion: 75 Resp: 6157
Ion Ratio Lower Upper
75 100
77 37.2 22.7 42.1





#60

Isopropylbenzene

Concen: 0.023 ug/L

RT: 12.46 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VW014988.D

Acq: 14 Feb 2020 10:40

Instrument :

MSVOA_W

ClientSampleId :

VBLK304

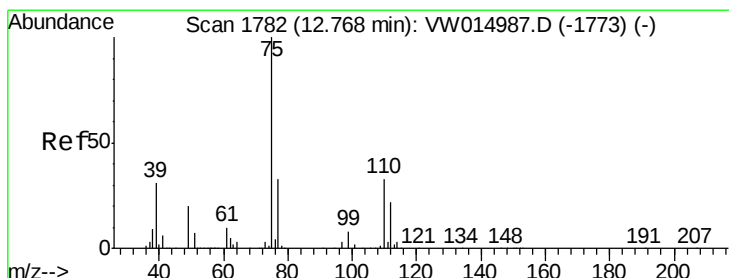
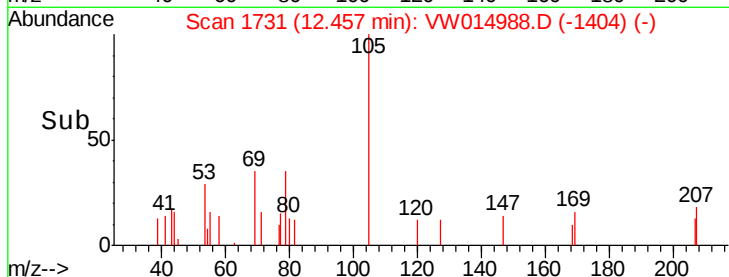
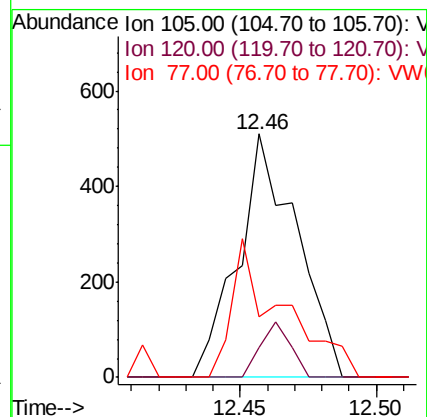
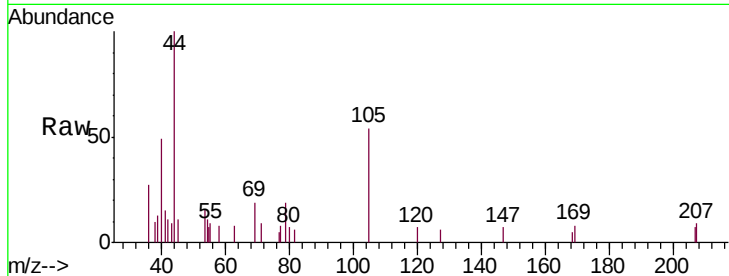
Tgt Ion: 105 Resp: 767

Ion Ratio Lower Upper

105 100

120 0.0 20.1 30.1#

77 23.7 14.4 21.6#



#61

1,2,3-Trichloropropane

Concen: 0.053 ug/L

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW014988.D

Acq: 14 Feb 2020 10:40

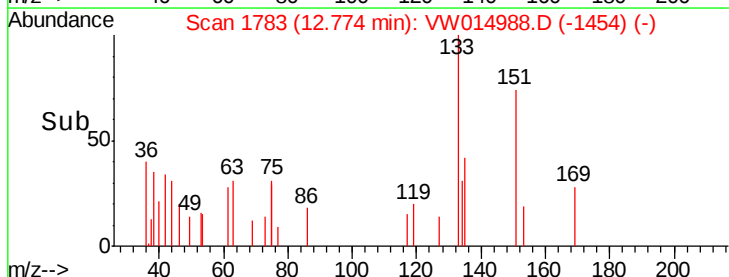
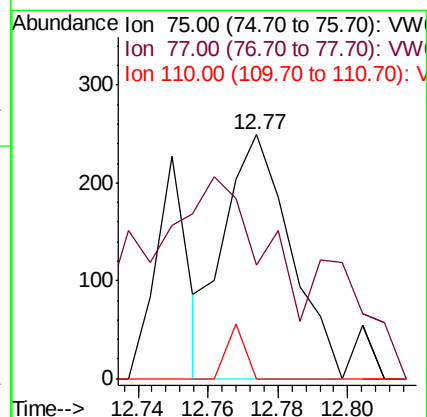
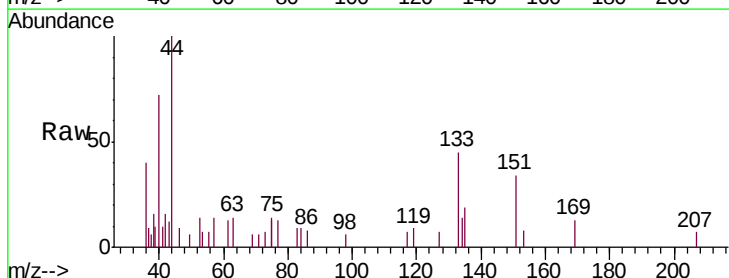
Tgt Ion: 75 Resp: 328

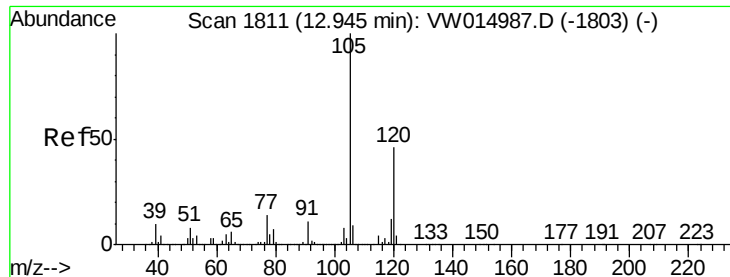
Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

110 0.0 26.6 39.8#

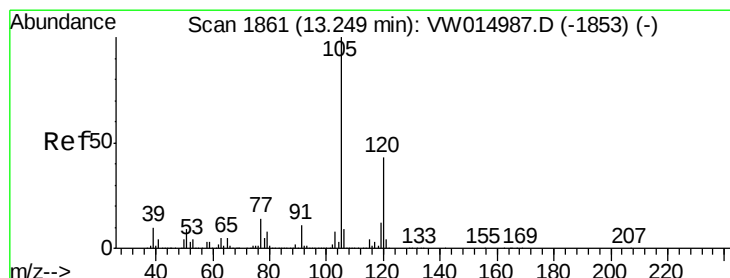
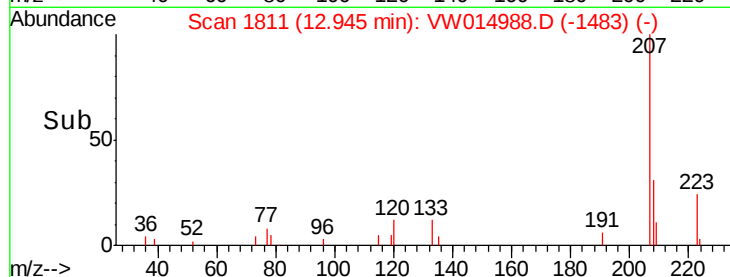
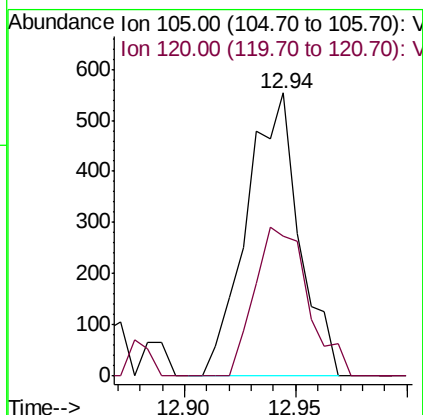
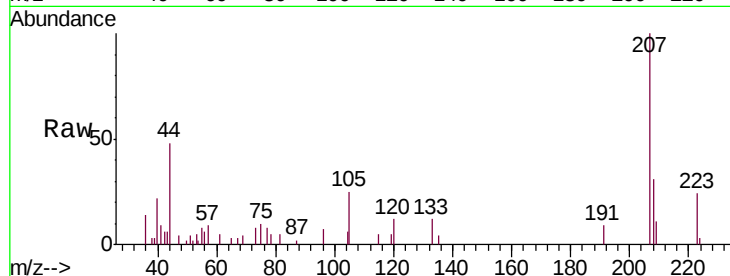




#62
 1,3,5-Trimethylbenzene
 Concen: 0.034 ug/L
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
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 Acq: 14 Feb 2020 10:40

Instrument :
 MSVOA_W
 ClientSampled :
 VBLK304

Tgt Ion:105 Resp: 913
 Ion Ratio Lower Upper
 105 100
 120 53.2 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.042 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014988.D
 Acq: 14 Feb 2020 10:40

Tgt Ion:105 Resp: 1091
 Ion Ratio Lower Upper
 105 100
 120 32.1 35.0 52.4#

