

Data File : VW014978.D
Acq On : 13 Feb 2020 14:19
Operator : SY/VA
Sample : VW0213SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK303

Quant Time: Feb 14 04:21:46 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	747229	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	697386	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	261995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	374707	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.60%
7) Chloroethane-d5	2.89	69	280346	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	4.02	63	496699	18.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.60%
21) 2-Butanone-d5	7.07	46	192209	45.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.66%
24) Chloroform-d	7.65	84	569535	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.31	65	349691	24.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.36%
32) Benzene-d6	8.27	84	1149625	24.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	9.27	67	398272	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	10.32	98	975515	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.44%
43) trans-1,3-Dichloropropene-	10.58	79	145311	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
47) 2-Hexanone-d5	10.92	63	130192	45.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.58%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	277137	22.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.92%
66) 1,2-Dichlorobenzene-d4	13.85	152	267348	27.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.44%

Target Compounds

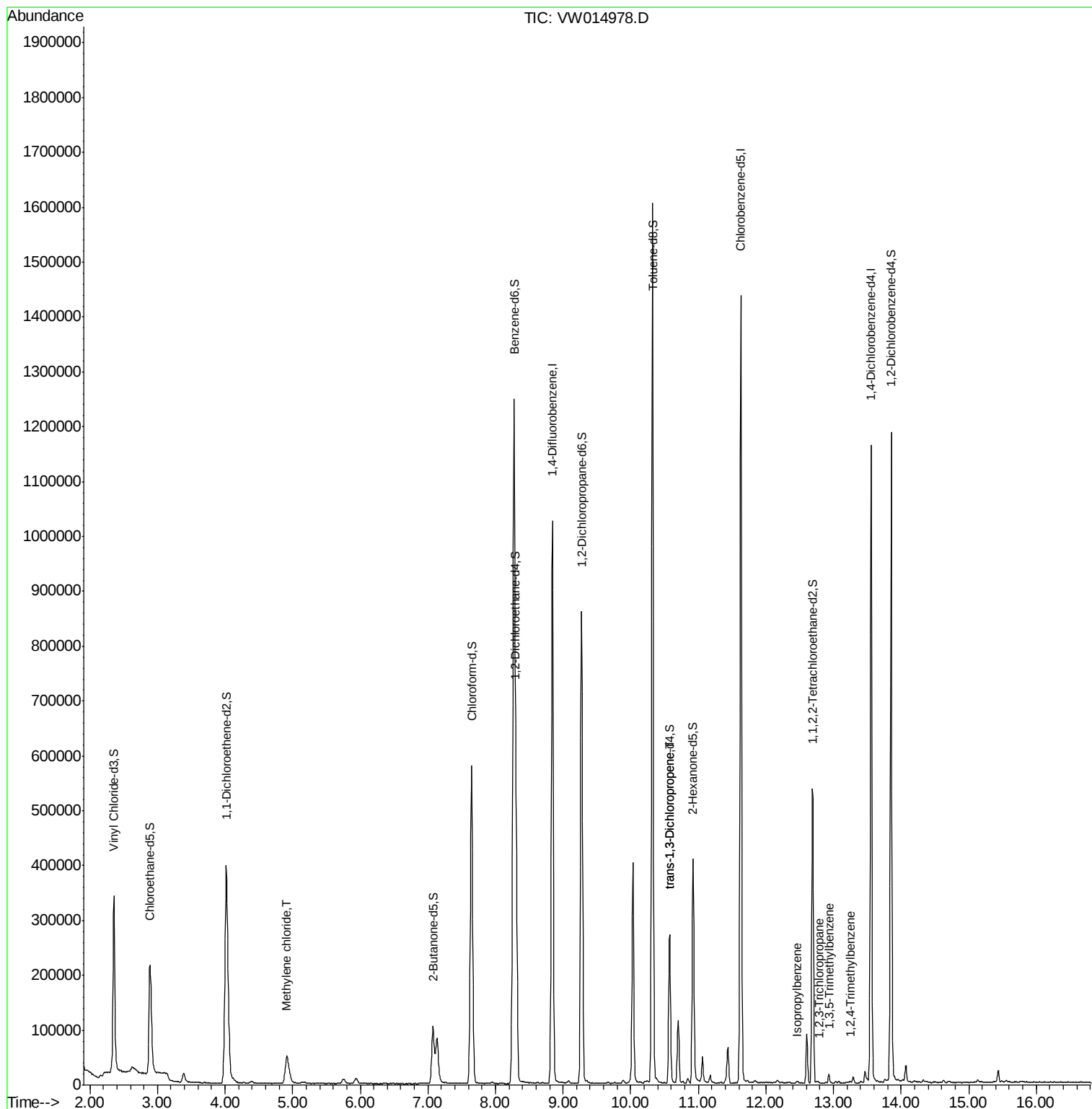
					Qvalue
16) Methylene chloride	4.92	84	40069	2.902 ug/L	98
44) trans-1,3-Dichloropropene	10.58	75	6954	0.438 ug/L	93
60) Isopropylbenzene	12.47	105	568	0.014 ug/L #	1
61) 1,2,3-Trichloropropane	12.79	75	150	0.020 ug/L #	1
62) 1,3,5-Trimethylbenzene	12.94	105	1507	0.046 ug/L	97
63) 1,2,4-Trimethylbenzene	13.25	105	1540	0.048 ug/L	96

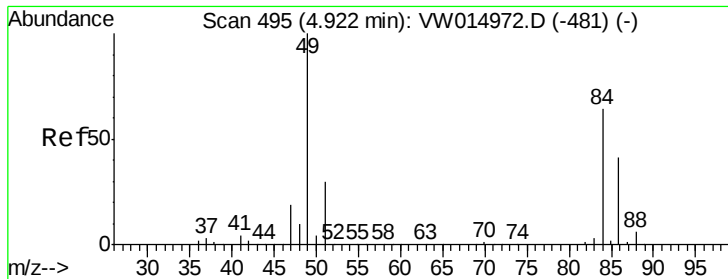
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Feb 13 12:39:02 2020
Response via : Initial Calibration

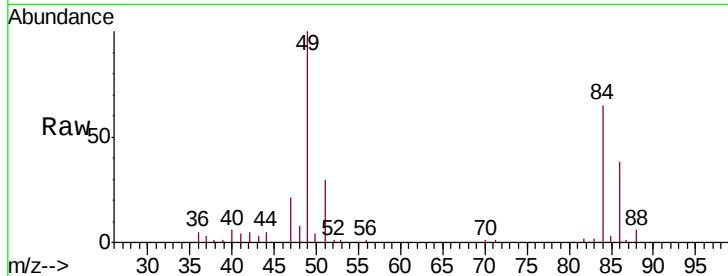




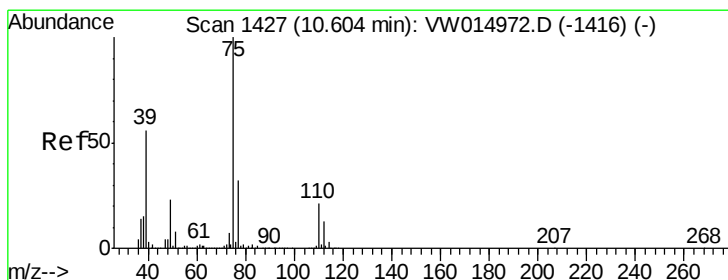
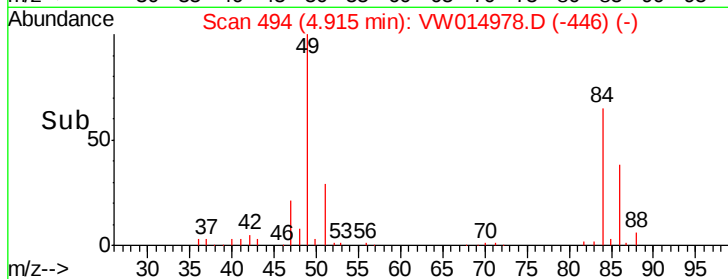
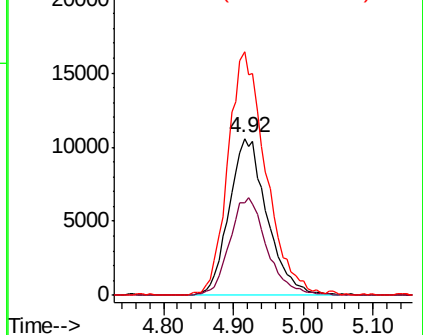
#16
Methylene chloride
Concen: 2.902 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW014978.D
Acq: 13 Feb 2020 14:19

Instrument :
MSVOA_W
ClientSampled :
VBLK303

Tgt Ion: 84 Resp: 40069
Ion Ratio Lower Upper
84 100
86 59.2 44.4 82.4
49 155.0 109.0 202.4

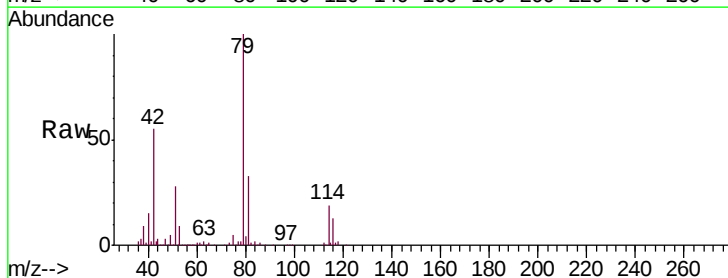


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 86.00 (85.70 to 86.70): VW
Ion 49.00 (48.70 to 49.70): VW

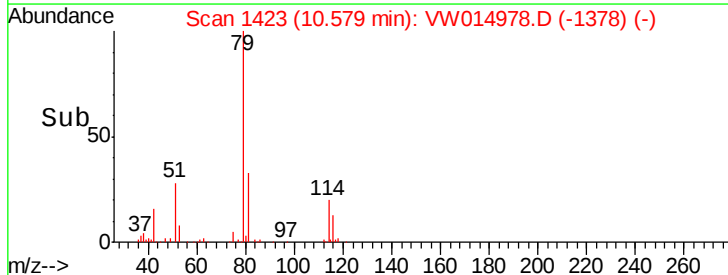
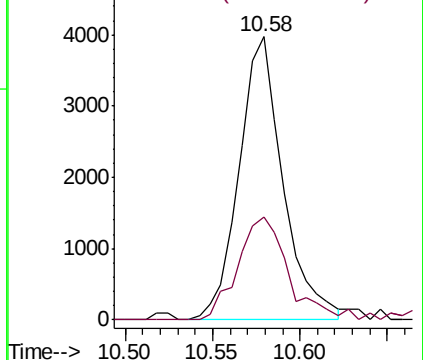


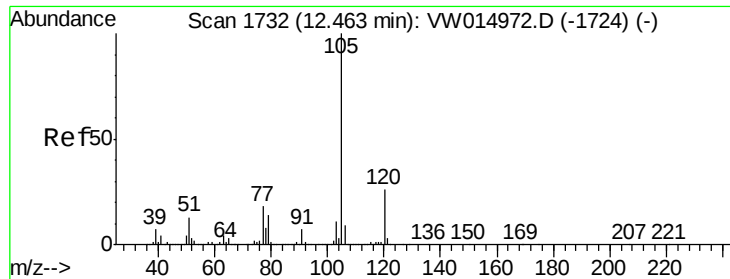
#44
trans-1,3-Dichloropropene
Concen: 0.438 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW014978.D
Acq: 13 Feb 2020 14:19

Tgt Ion: 75 Resp: 6954
Ion Ratio Lower Upper
75 100
77 36.6 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#60

Isopropylbenzene

Concen: 0.014 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

VBLK303

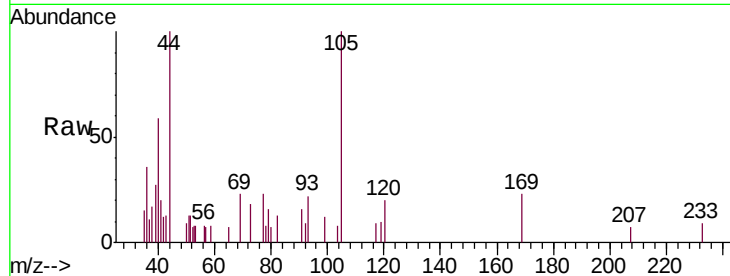
Tgt Ion: 105 Resp: 568

Ion Ratio Lower Upper

105 100

120 57.6 20.1 30.1#

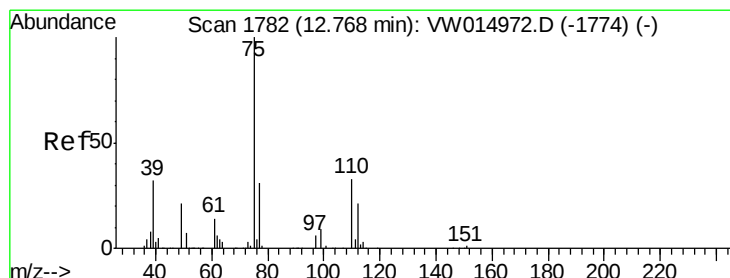
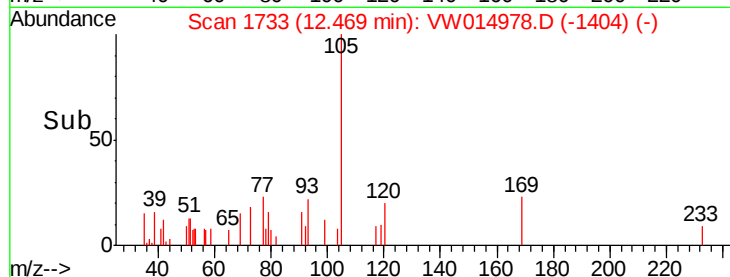
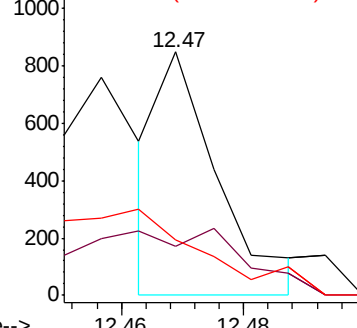
77 91.2 14.4 21.6#



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



#61

1,2,3-Trichloropropane

Concen: 0.020 ug/L

RT: 12.79 min Scan# 1785

Delta R.T. 0.02 min

Lab File: VW014978.D

Acq: 13 Feb 2020 14:19

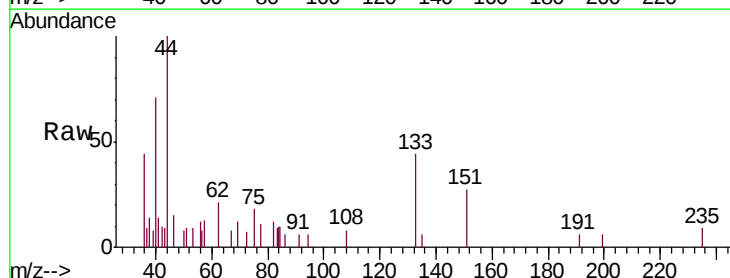
Tgt Ion: 75 Resp: 150

Ion Ratio Lower Upper

75 100

77 274.0 25.8 38.6#

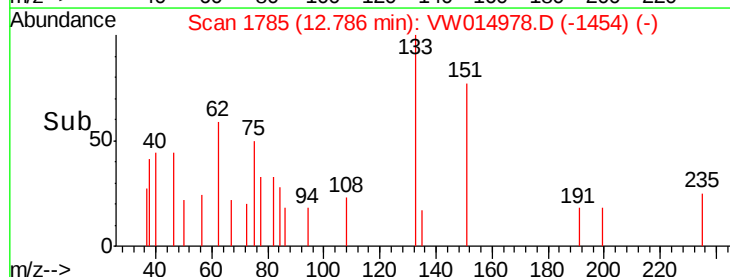
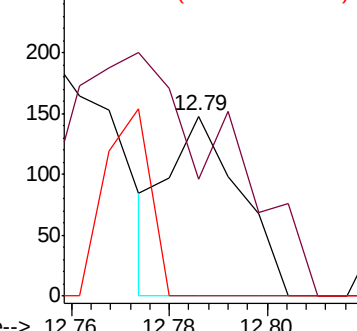
110 66.7 26.6 39.8#

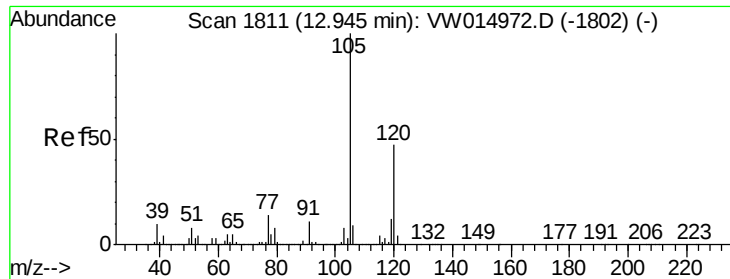


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 110.00 (109.70 to 110.70): V

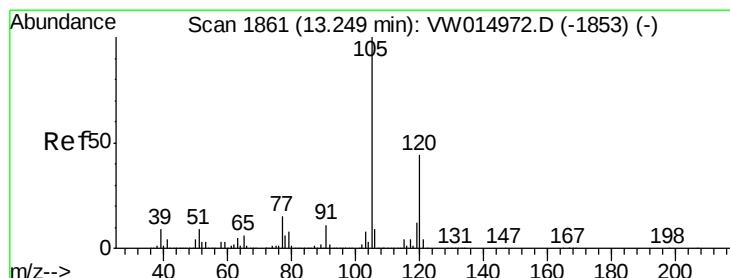
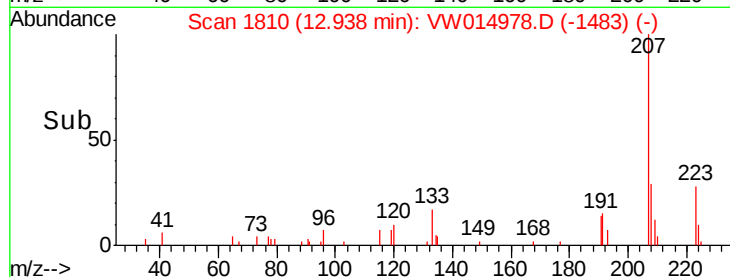
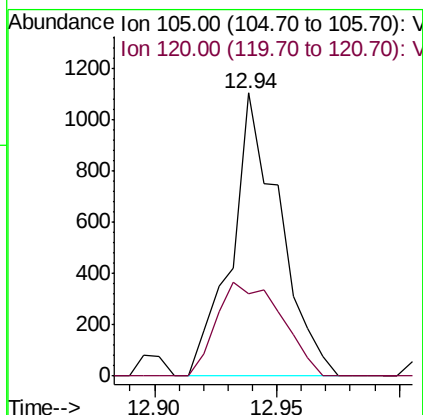
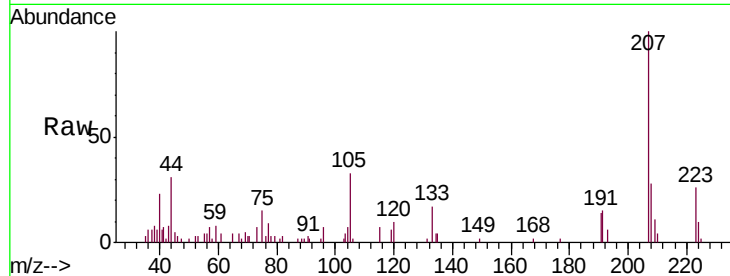




#62
 1,3,5-Trimethylbenzene
 Concen: 0.046 ug/L
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW014978.D
 Acq: 13 Feb 2020 14:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK303

Tgt Ion:105 Resp: 1507
 Ion Ratio Lower Upper
 105 100
 120 44.7 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.048 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014978.D
 Acq: 13 Feb 2020 14:19

Tgt Ion:105 Resp: 1540
 Ion Ratio Lower Upper
 105 100
 120 46.4 35.0 52.4

