

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092620\
 Data File : VW016653.D
 Acq On : 25 Sep 2020 14:06
 Operator : SY/VA
 Sample : VW0925SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK109

Quant Time: Sep 26 00:14:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 26 00:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	647029	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	572924	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	286677	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	153188	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.80%
7) Chloroethane-d5	2.90	69	127893	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	4.03	63	248906	16.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.28%
21) 2-Butanone-d5	7.09	46	93514	57.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.44%
24) Chloroform-d	7.65	84	350426	22.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	8.31	65	195611	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.52%
32) Benzene-d6	8.28	84	688524	23.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.12%
36) 1,2-Dichloropropane-d6	9.28	67	192627	23.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.76%
41) Toluene-d8	10.33	98	673576	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	10.58	79	92640	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.92%
47) 2-Hexanone-d5	10.93	63	73932	58.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.74%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	172759	27.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.32%
66) 1,2-Dichlorobenzene-d4	13.85	152	255916	24.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.60%

Target Compounds

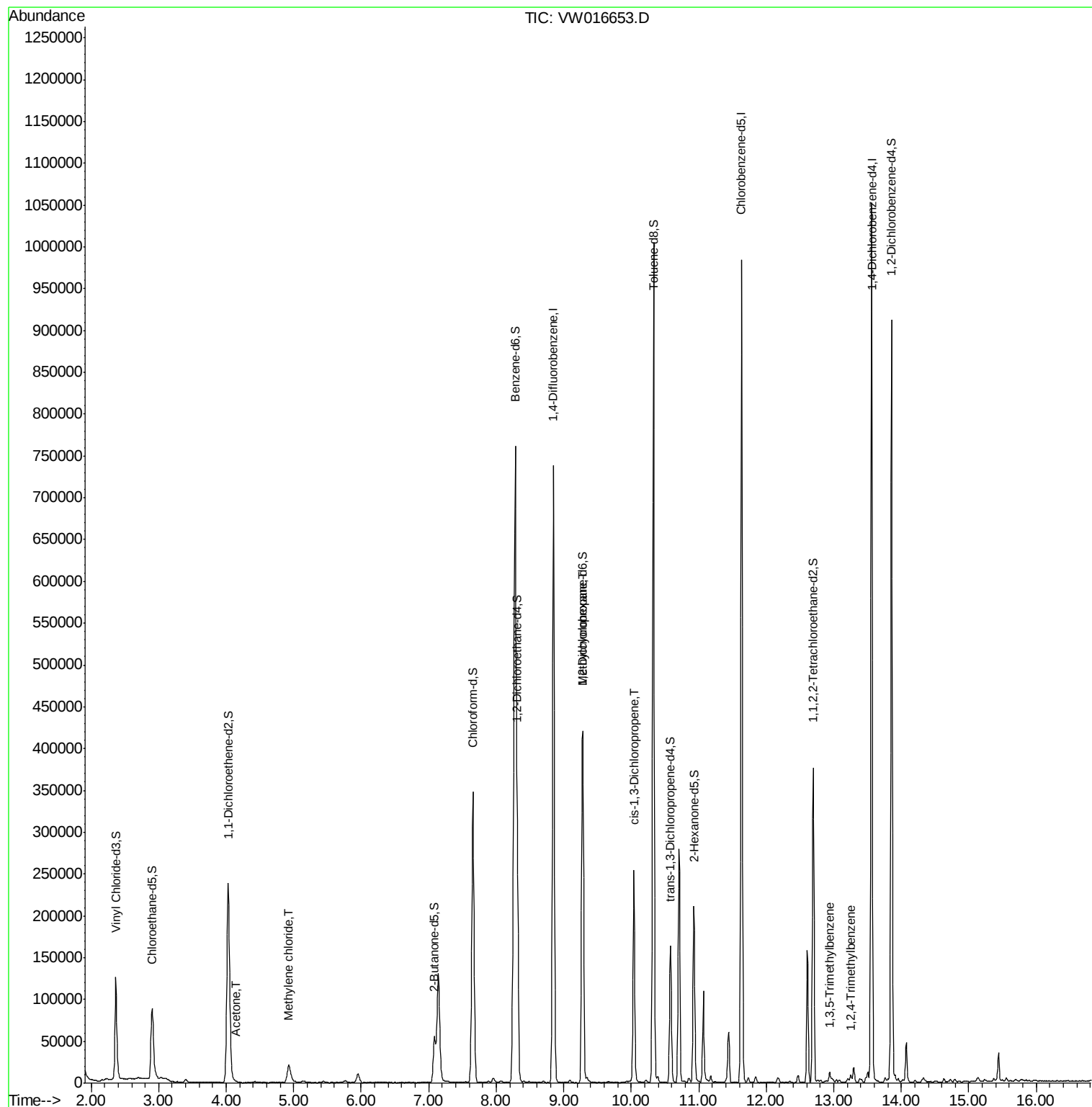
					Ovalue
13) Acetone	4.15	43	1413	1.281 ug/L	66
16) Methylene chloride	4.93	84	18489	1.950 ug/L	97
35) Methylcyclohexane	9.28	83	51807	3.407 ug/L #	21
39) cis-1,3-Dichloropropene	10.04	75	7929	0.642 ug/L #	57
62) 1,3,5-Trimethylbenzene	12.94	105	3590	0.104 ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	4955	0.145 ug/L	86

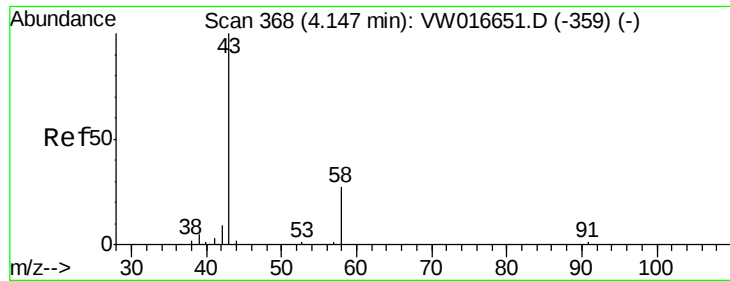
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

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Quant Title : SFAM01.0
QLast Update : Sat Sep 26 00:13:39 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.281 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW016653.D

Acq: 25 Sep 2020 14:06

Instrument :

MSVOA_W

ClientSampled :

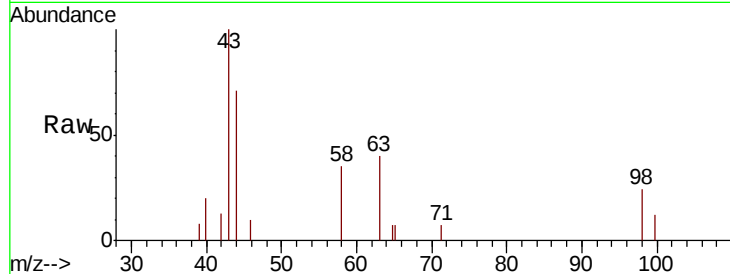
VBLK109

Tot Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

58 11.2 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

600

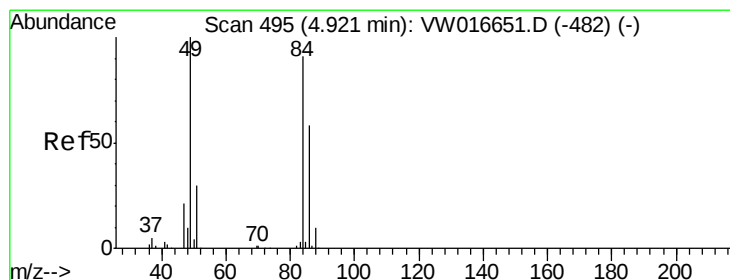
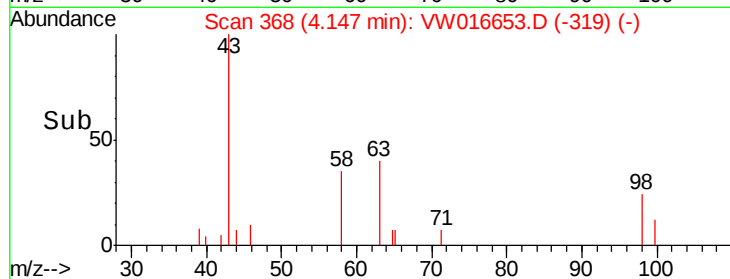
400

200

0

4.12 4.14 4.16 4.18

Time-->



#16

Methylene chloride

Concen: 1.950 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016653.D

Acq: 25 Sep 2020 14:06

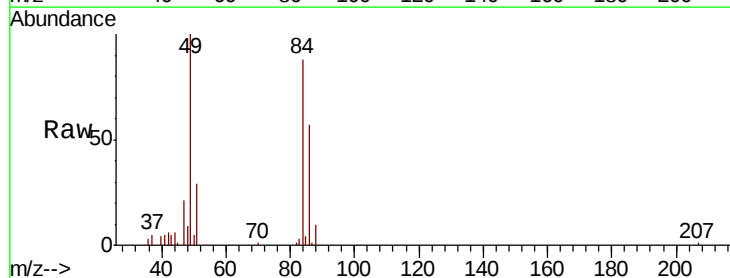
Tgt Ion: 84 Resp: 18489

Ion Ratio Lower Upper

84 100

86 64.9 46.2 85.8

49 113.4 82.8 153.8



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

8000

6000

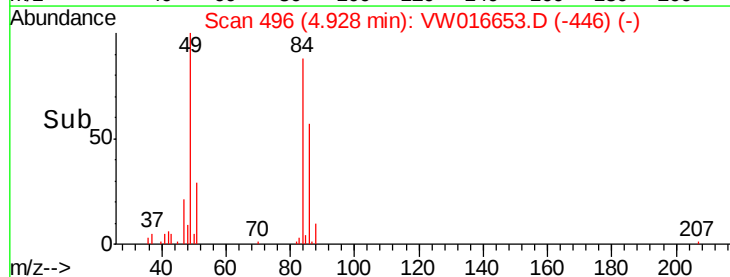
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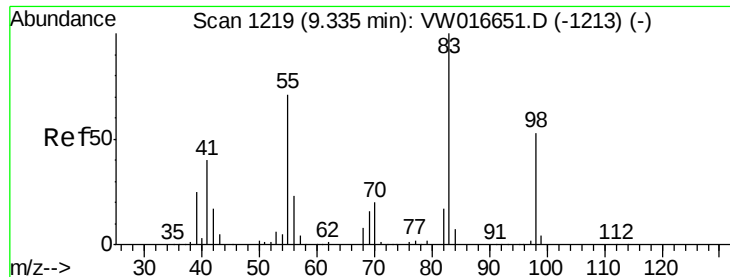
2000

0

4.80 4.90 5.00

Time-->

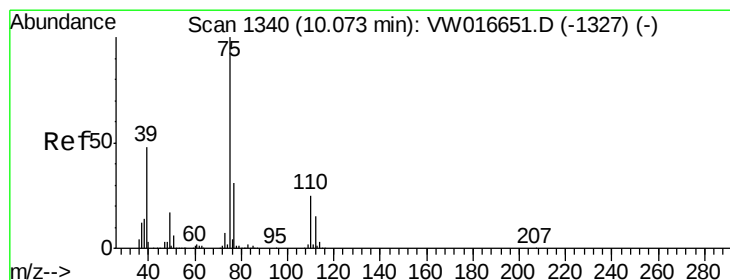
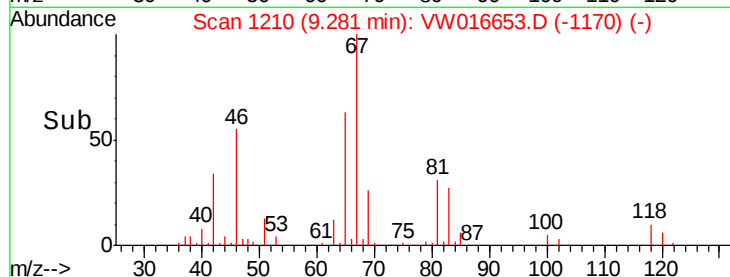
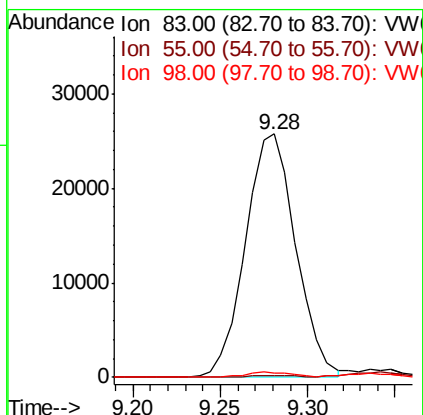
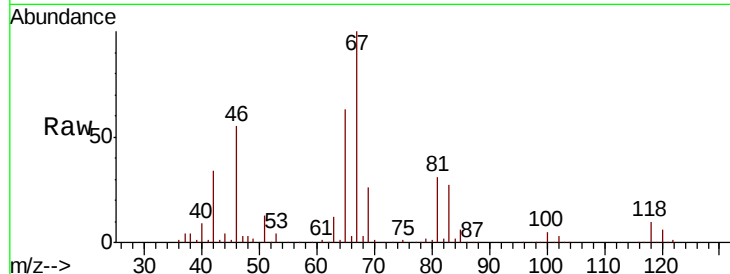




#35
Methylcyclohexane
Concen: 3.407 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016653.D
Acq: 25 Sep 2020 14:06

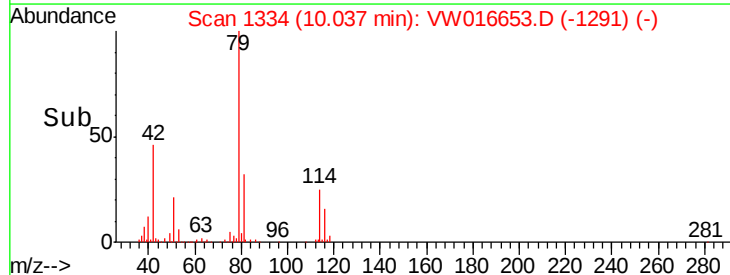
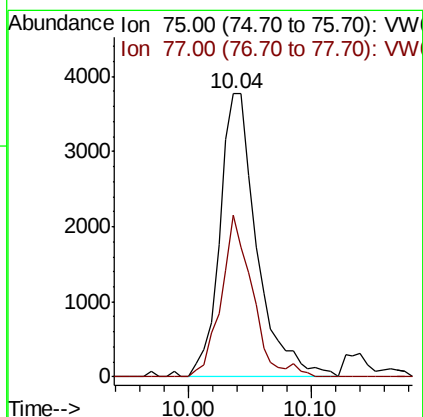
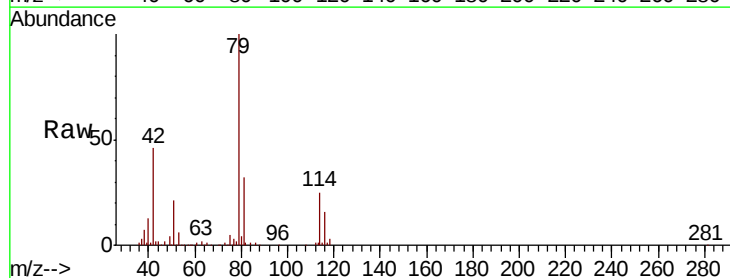
Instrument :
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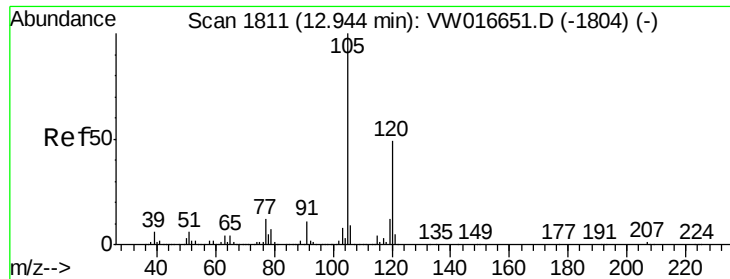
Tot Ion: 83 Resp: 51807
Ion Ratio Lower Upper
83 100
55 0.3 55.9 83.9#
98 1.8 41.5 62.3#



#39
cis-1,3-Dichloropropene
Concen: 0.642 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016653.D
Acq: 25 Sep 2020 14:06

Tgt Ion: 75 Resp: 7929
Ion Ratio Lower Upper
75 100
77 57.1 23.0 42.6#

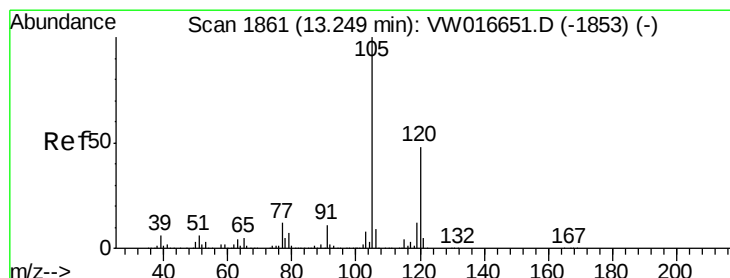
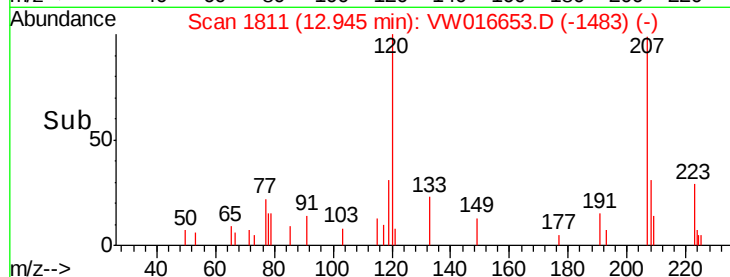
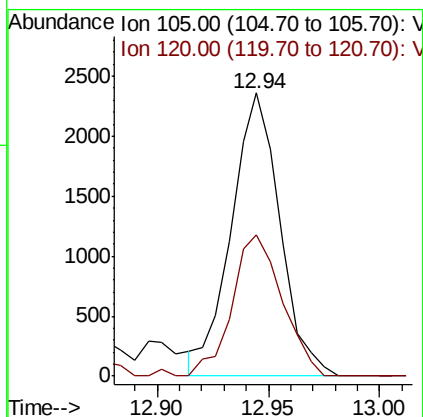
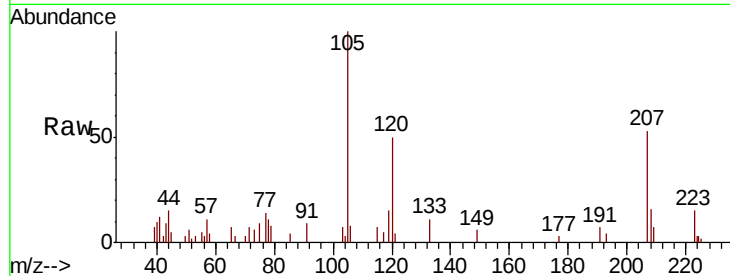




#62
 1,3,5-Trimethylbenzene
 Concen: 0.104 ug/L
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW016653.D
 Acq: 25 Sep 2020 14:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK109

Tot Ion:105 Resp: 3590
 Ion Ratio Lower Upper
 105 100
 120 51.4 39.8 59.8



#63
 1,2,4-Trimethylbenzene
 Concen: 0.145 ug/L
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW016653.D
 Acq: 25 Sep 2020 14:06

Tgt Ion:105 Resp: 4955
 Ion Ratio Lower Upper
 105 100
 120 36.6 36.4 54.6

