

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015934.D
 Acq On : 23 Jul 2020 20:12
 Operator : SY/VA
 Sample : L3395-05
 Misc : 5.48G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY15

Quant Time: Jul 31 13:45:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	412957	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	353668	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120585	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	130822	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.80%
7) Chloroethane-d5	2.89	69	102244	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	4.02	63	186584	15.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.36%
20) 2-Butanone-d5	7.08	46	73038	47.72	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.44%
24) Chloroform-d	7.65	84	261712	22.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.28%
26) 1,2-Dichloroethane-d4	8.31	65	123036	19.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.28%
29) Benzene-d6	8.28	84	489159	22.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.88%
33) 1,2-Dichloropropane-d6	9.29	67	267487	41.45	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	165.80%#
37) Toluene-d8	10.33	98	538044	27.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.36%
38) trans-1,3-Dichloropropene-	10.58	79	68257	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.24%
39) 2-Hexanone-d5	10.93	63	69091	64.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	166101	33.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.92%#
61) 1,2-Dichlorobenzene-d4	13.85	152	106638	22.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.72%

Target Compounds

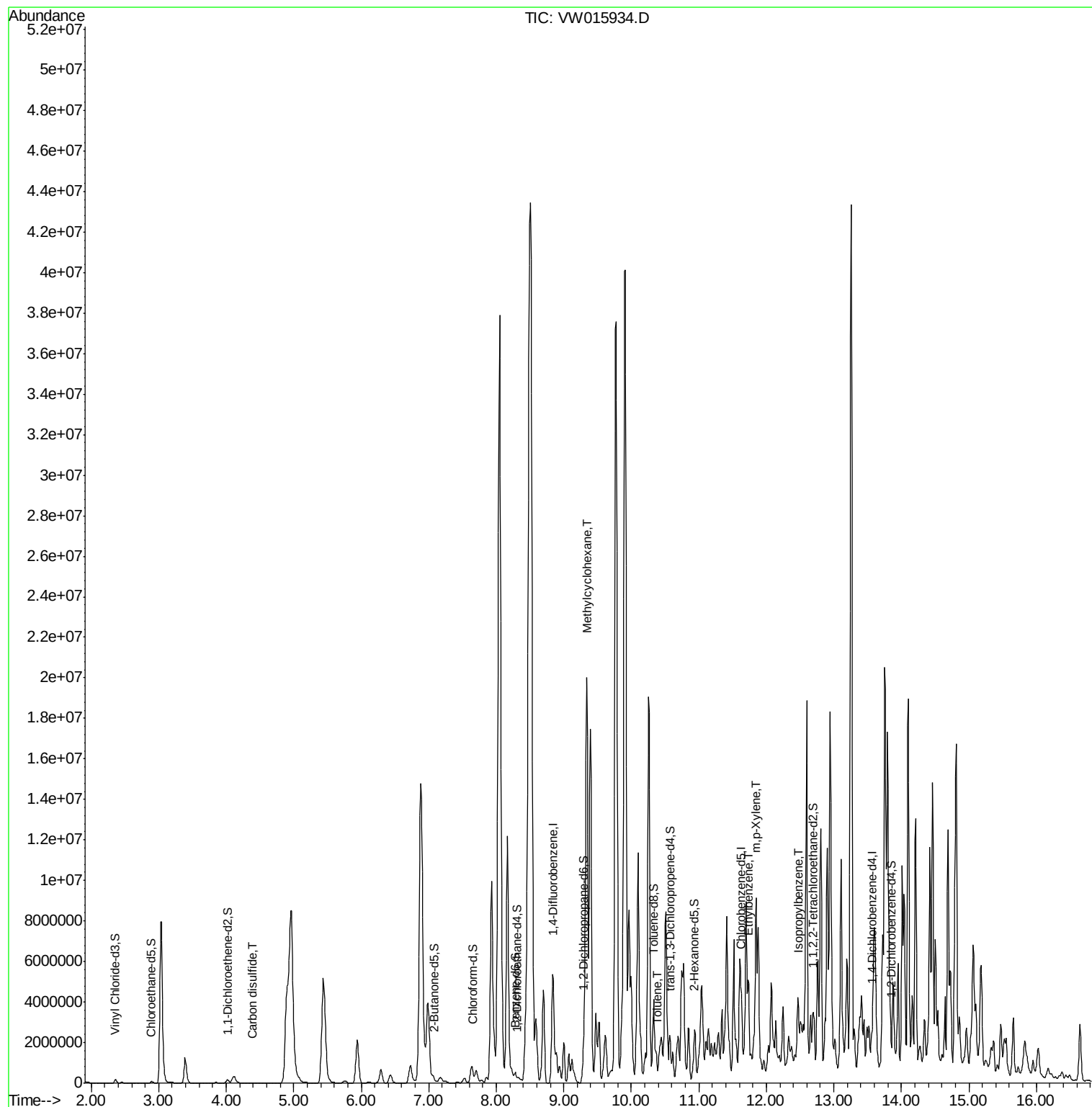
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	4.38	76	4909	0.293	ug/L	100
36) Methvlcyclohexane	9.34	83	3603430	369.578	ug/L #	72
44) Toluene	10.39	91	20408	0.906	ug/L	86
53) Ethylbenzene	11.74	91	1971770	77.833	ug/L	97
54) m,p-Xylene	11.85	106	1004398	105.971	ug/L	95
57) Isopropylbenzene	12.47	105	2135099	87.882	ug/L	98

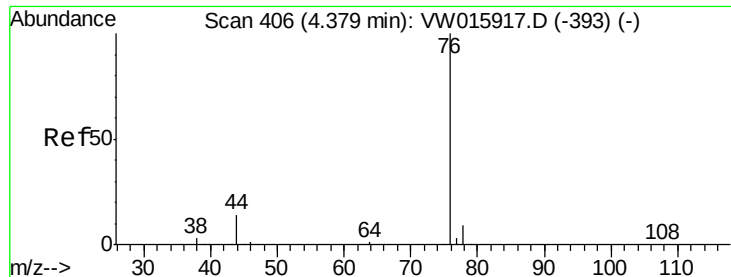
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.293 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

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ClientSampleId :

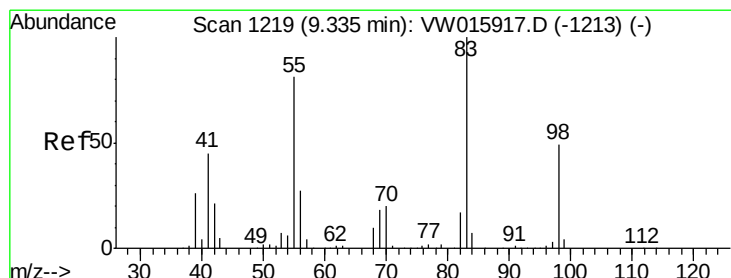
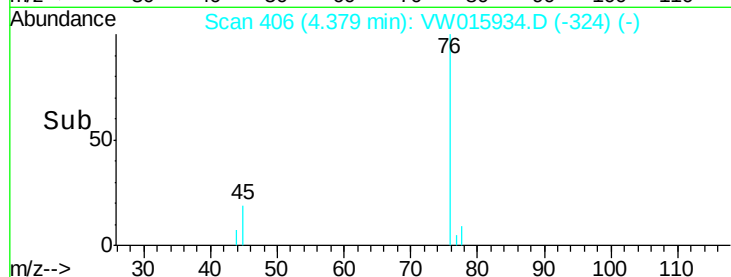
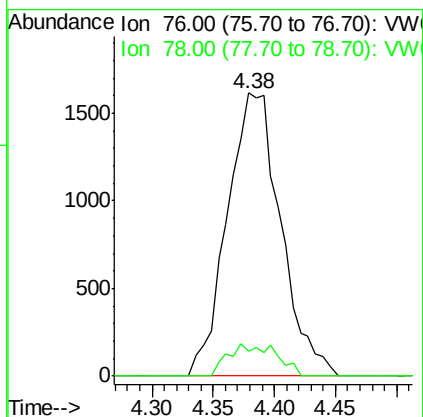
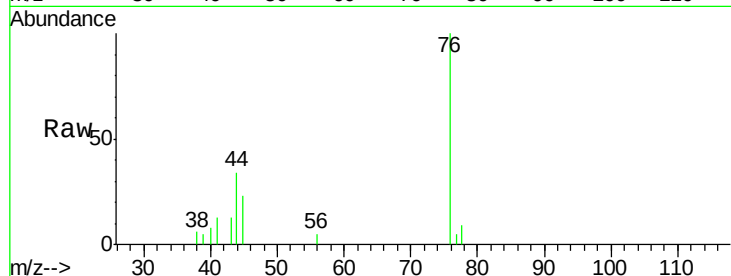
GAY15

Tot Ion: 76 Resp: 4909

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#36

Methylcyclohexane

Concen: 369.578 ug/L

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW015934.D

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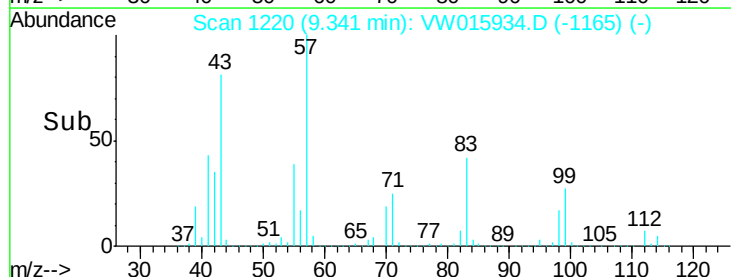
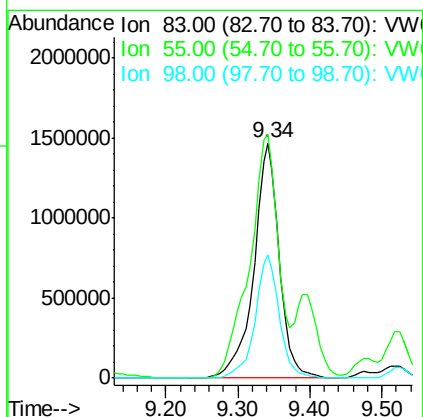
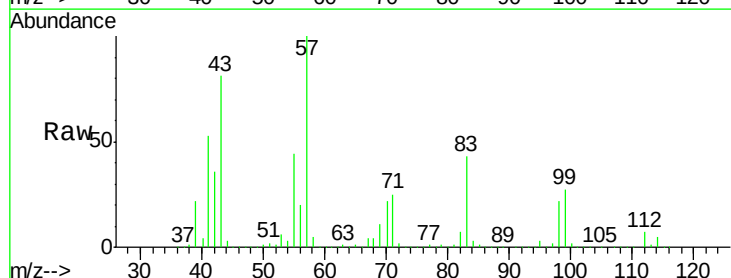
Tgt Ion: 83 Resp: 3603430

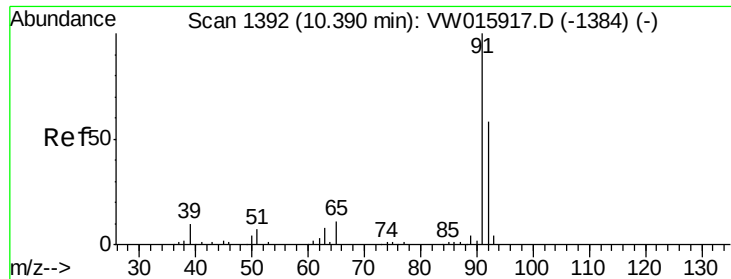
Ion Ratio Lower Upper

83 100

55 117.7 63.5 95.3#

98 49.9 39.0 58.4





#44

Toluene

Concen: 0.906 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

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ClientSampleId :

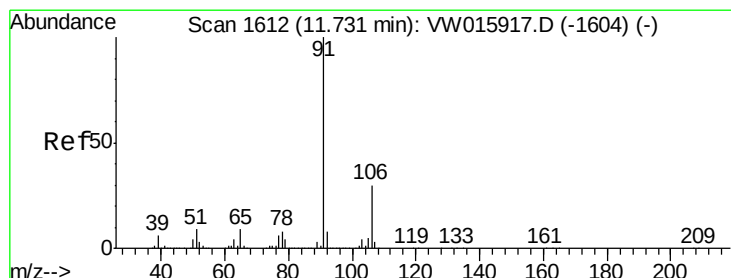
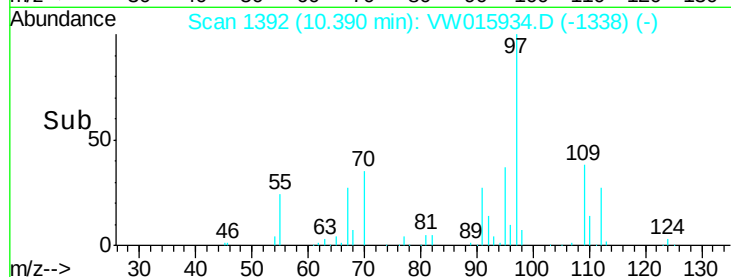
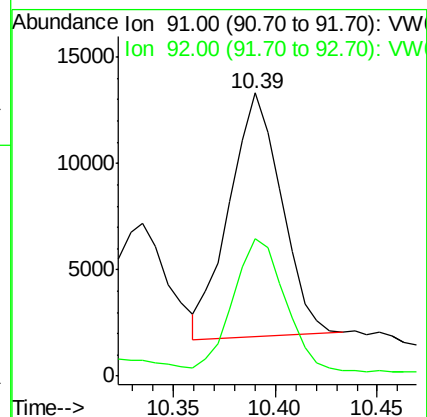
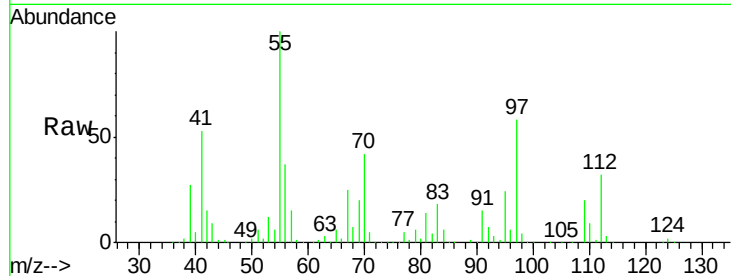
GAY15

Tot Ion: 91 Resp: 20408

Ion Ratio Lower Upper

91 100

92 48.5 41.2 76.4



#53

Ethylbenzene

Concen: 77.833 ug/L

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW015934.D

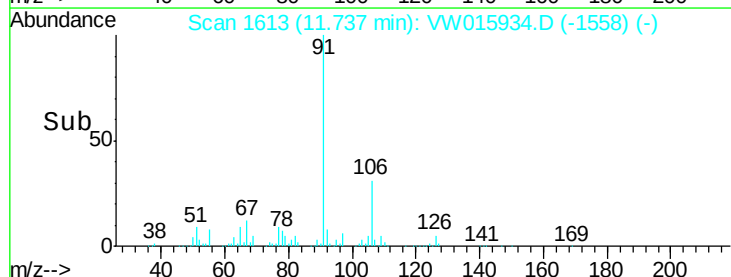
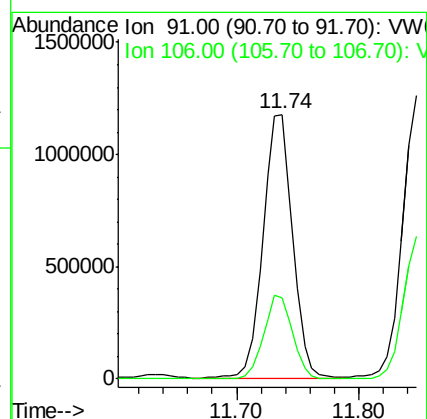
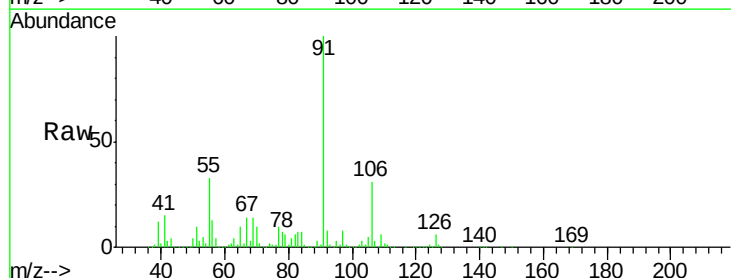
Acq: 23 Jul 2020 20:12

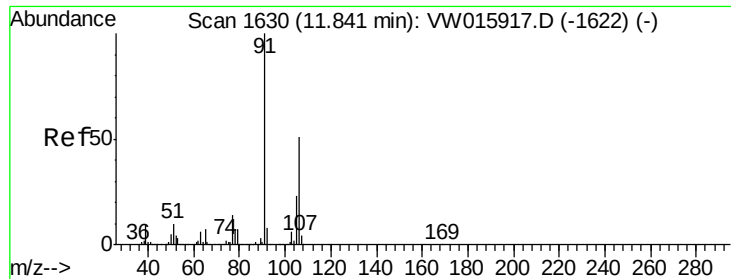
Tgt Ion: 91 Resp: 1971770

Ion Ratio Lower Upper

91 100

106 30.6 22.4 41.6





#54

m,p-Xylene

Concen: 105.971 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW015934.D

Acq: 23 Jul 2020 20:12

Instrument :

MSVOA_W

ClientSampleId :

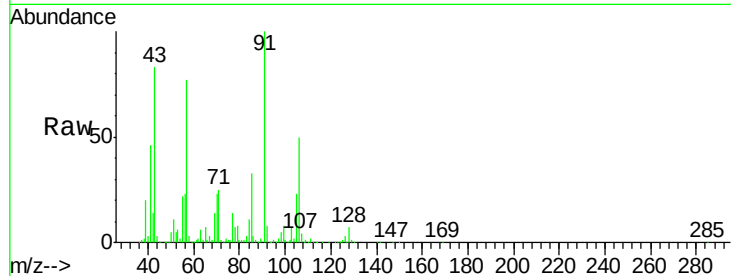
GAY15

Tot Ion:106 Resp: 1004398

Ion Ratio Lower Upper

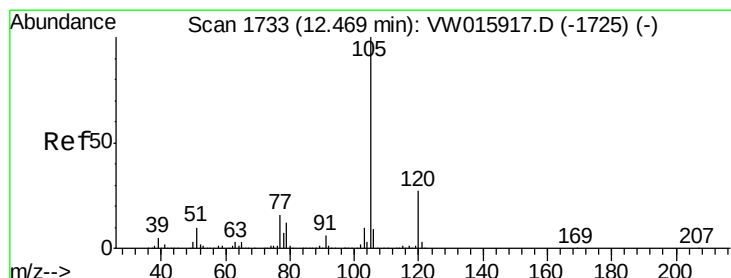
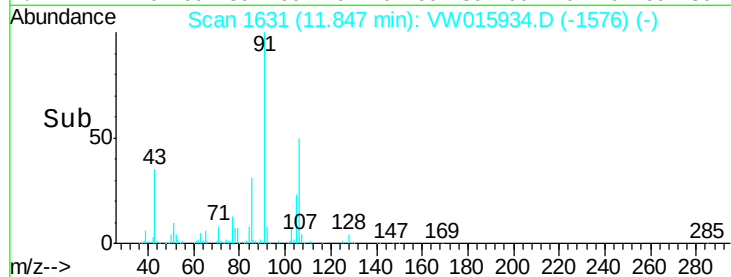
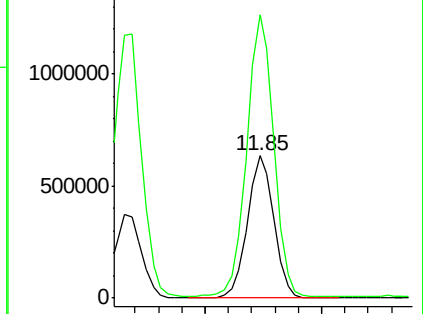
106 100

91 198.8 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#57

Isopropylbenzene

Concen: 87.882 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015934.D

Acq: 23 Jul 2020 20:12

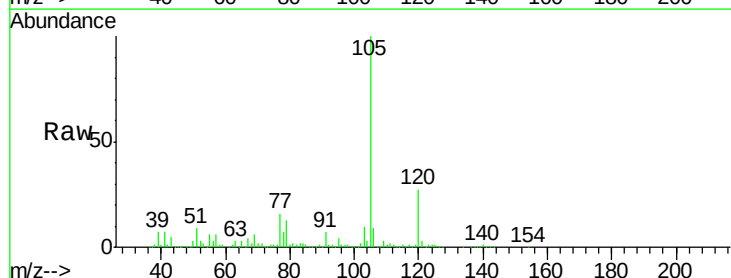
Tgt Ion:105 Resp: 2135099

Ion Ratio Lower Upper

105 100

120 26.6 20.4 30.6

77 16.4 12.9 19.3



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): VW

