

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
 Data File : VU036500.D
 Acq On : 16 Jan 2020 14:07
 Operator : JC/MD
 Sample : L1109-10ME 4X
 Misc : 5.10G/5.0mL/100 uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASG9ME

Quant Time: Jan 16 15:19:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 14:24:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	523328	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	531505	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	288449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136961	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.74%
7) Chloroethane-d5	1.90	69	136388	46.44	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.88%
11) 1,1-Dichloroethene-d2	2.58	63	223111	34.25	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.50%
21) 2-Butanone-d5	4.68	46	302788	103.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.80%
24) Chloroform-d	5.18	84	118	0.02	ug/L	0.07
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.74	65	226889	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
32) Benzene-d6	5.77	84	647849	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
36) 1,2-Dichloropropane-d6	6.73	67	215062	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.14%
41) Toluene-d8	7.93	98	630805	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%
43) trans-1,3-Dichloropropene-	8.21	79	115712	47.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.02%
47) 2-Hexanone-d5	8.67	63	269417	116.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	374298	55.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	280498	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%

Target Compounds

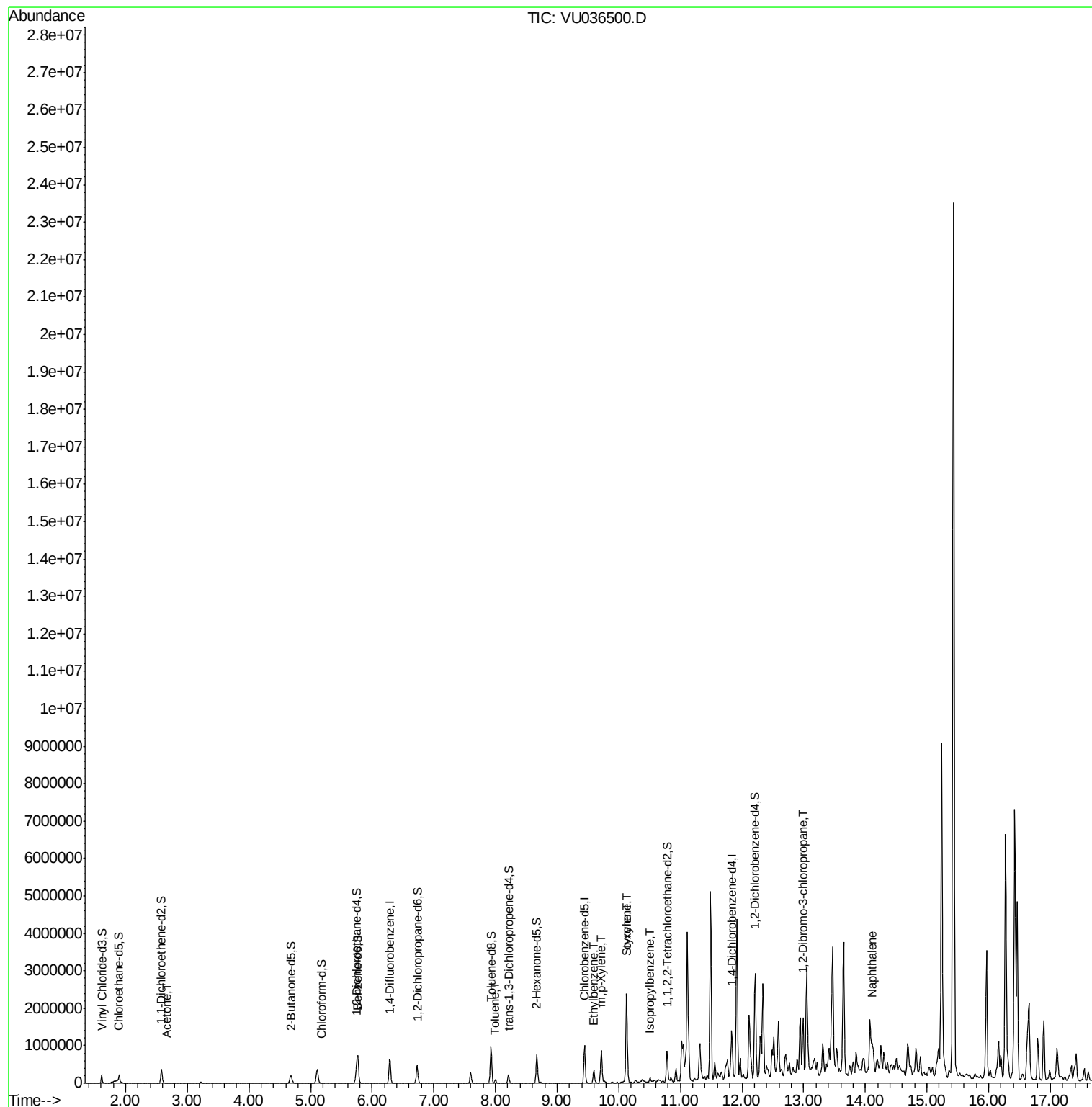
					Qvalue
13) Acetone	2.66	43	6203	1.965 ug/L	91
42) Toluene	8.00	91	60729	3.661 ug/L	97
52) Ethylbenzene	9.60	91	238478	12.871 ug/L	100
53) m,p-Xylene	9.72	106	236589	34.148 ug/L	99
54) o-xylene	10.12	106	604305	87.369 ug/L	98
55) Styrene	10.14	104	169417	15.102 ug/L #	73
56) Isopropylbenzene	10.51	105	63947	3.602 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4694	2.383 ug/L #	9
69) Naphthalene	14.10	128	479863	35.085 ug/L #	94

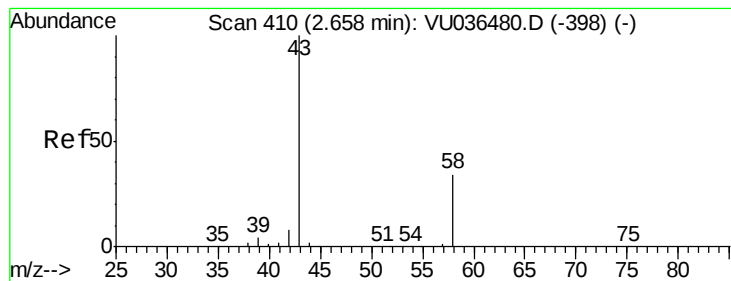
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 16 14:24:21 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.965 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036500.D

Acq: 16 Jan 2020 14:07

Instrument :

MSVOA_U

ClientSampleId :

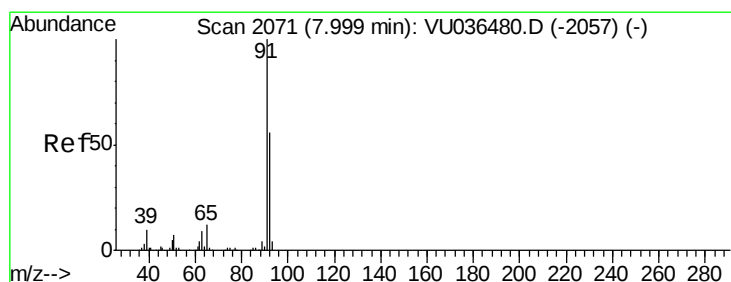
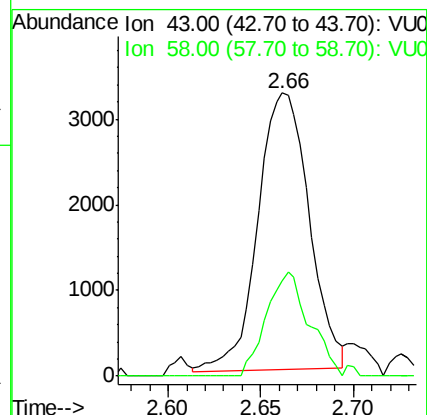
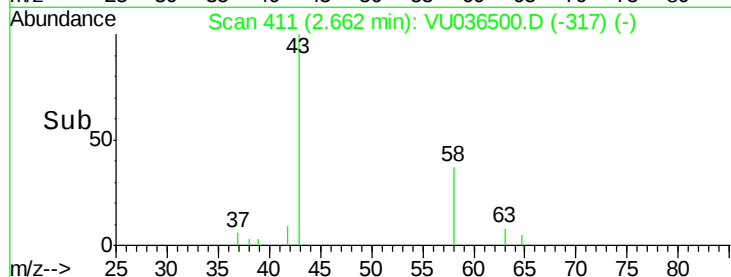
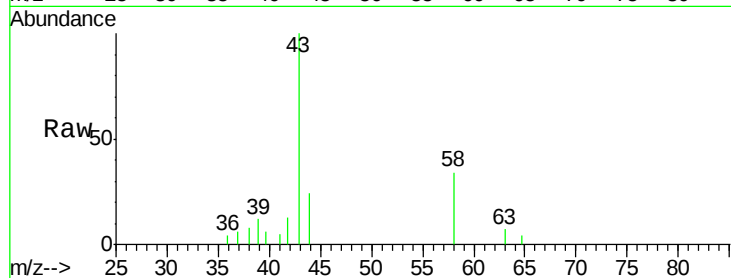
GASG9ME

Tgt Ion: 43 Resp: 6203

Ion Ratio Lower Upper

43 100

58 27.5 0.0 65.0



#42

Toluene

Concen: 3.661 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036500.D

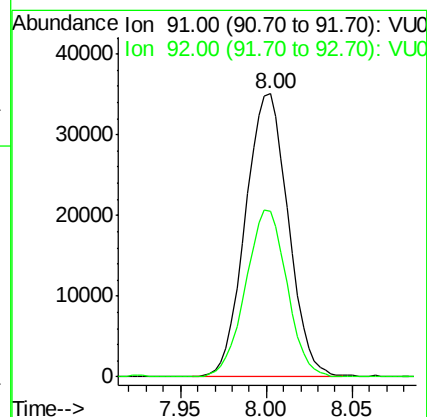
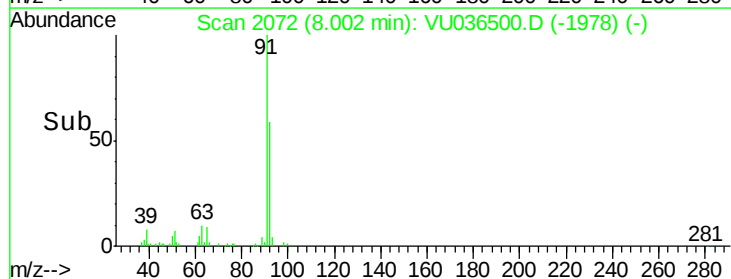
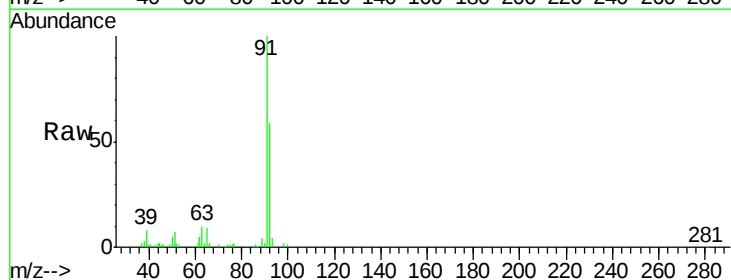
Acq: 16 Jan 2020 14:07

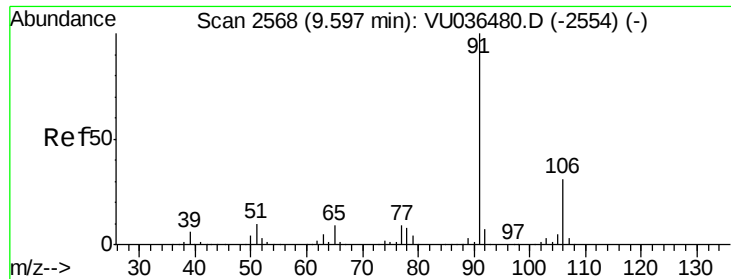
Tgt Ion: 91 Resp: 60729

Ion Ratio Lower Upper

91 100

92 58.5 39.5 73.3





#52

Ethylbenzene

Concen: 12.871 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. -0.00 min

Lab File: VU036500.D

Acq: 16 Jan 2020 14:07

Instrument :

MSVOA_U

ClientSampleId :

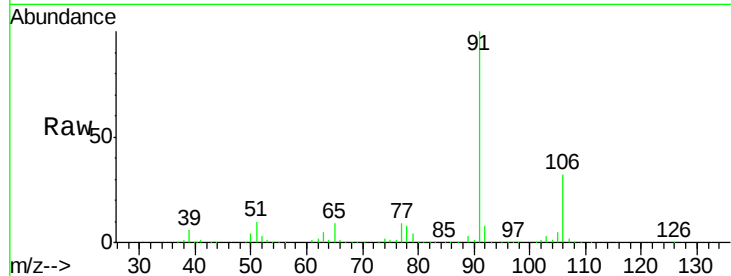
GASG9ME

Tgt Ion: 91 Resp: 238478

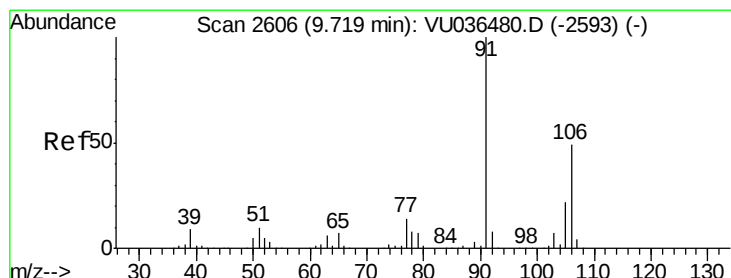
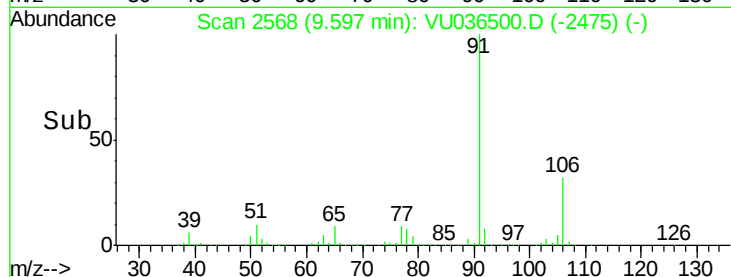
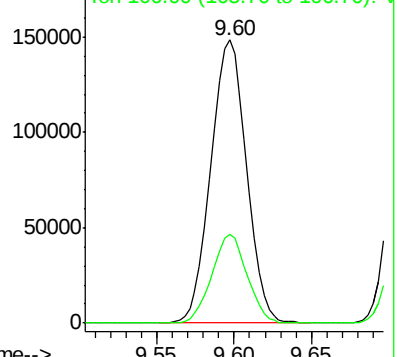
Ion Ratio Lower Upper

91 100

106 31.6 22.3 41.3



Abundance Ion 91.00 (90.70 to 91.70): VU036480.D (-2554) (-)



#53

m,p-Xylene

Concen: 34.148 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VU036500.D

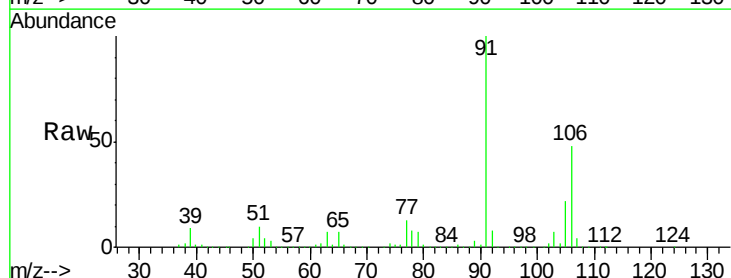
Acq: 16 Jan 2020 14:07

Tgt Ion: 106 Resp: 236589

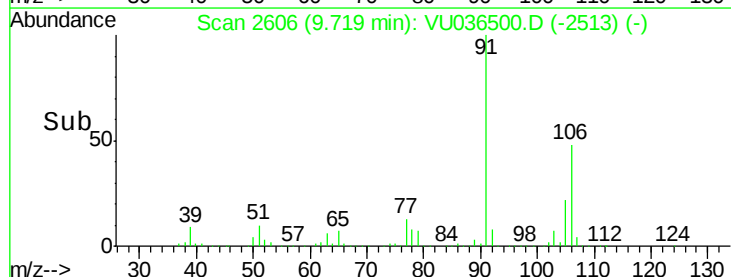
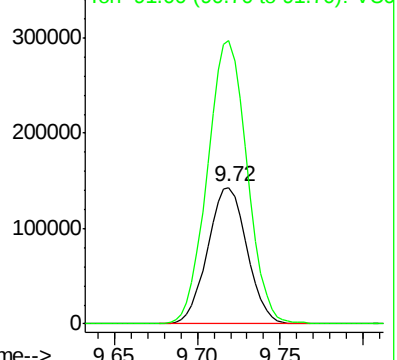
Ion Ratio Lower Upper

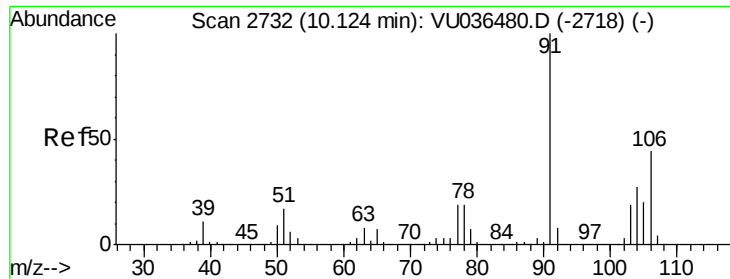
106 100

91 207.1 145.9 270.9



Abundance Ion 106.00 (105.70 to 106.70): VU036480.D (-2593) (-)





#54

o-xylene

Concen: 87.369 ug/L

RT: 10.12 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU036500.D

Acq: 16 Jan 2020 14:07

Instrument :

MSVOA_U

ClientSampleId :

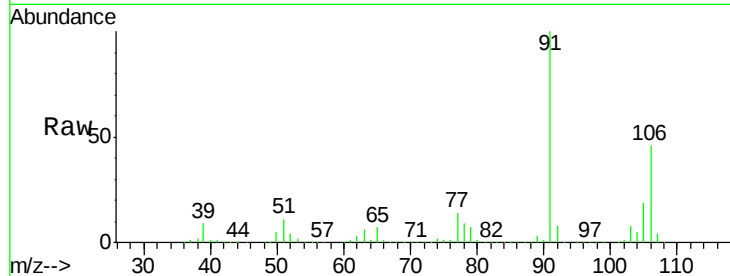
GASG9ME

Tgt Ion:106 Resp: 604305

Ion Ratio Lower Upper

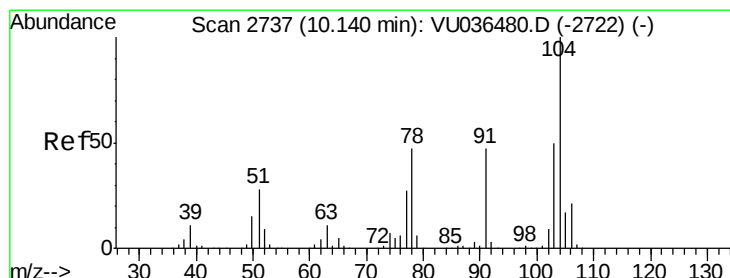
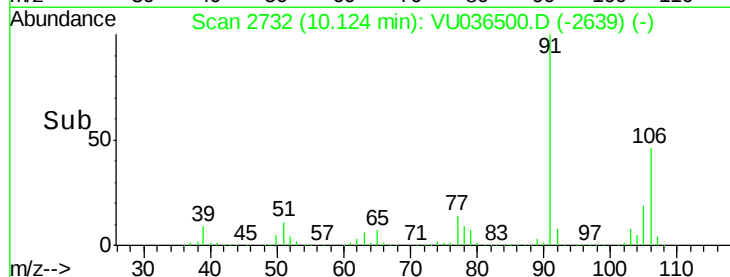
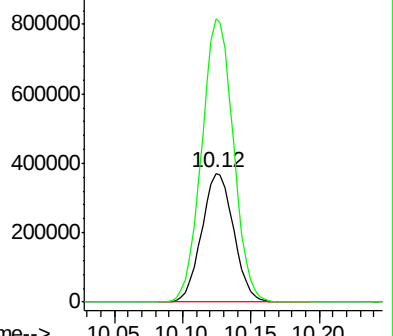
106 100

91 219.8 156.4 290.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 15.102 ug/L

RT: 10.14 min Scan# 2737

Delta R.T. -0.00 min

Lab File: VU036500.D

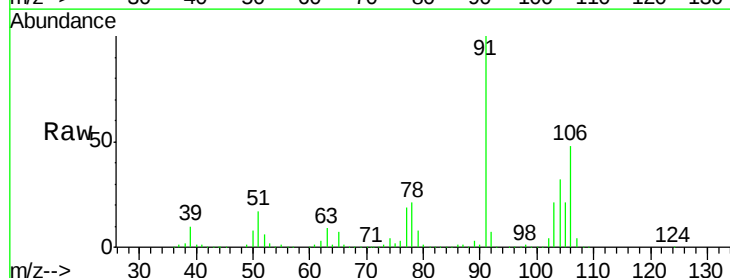
Acq: 16 Jan 2020 14:07

Tgt Ion:104 Resp: 169417

Ion Ratio Lower Upper

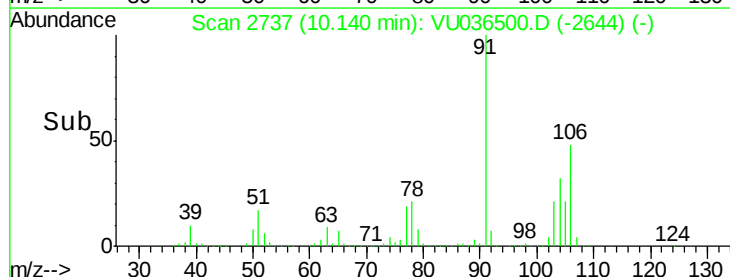
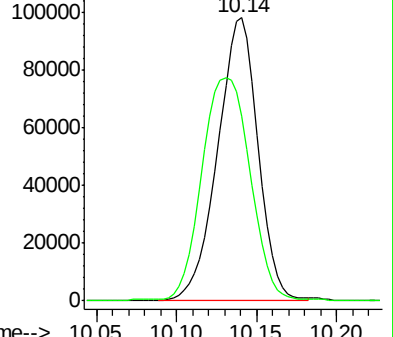
104 100

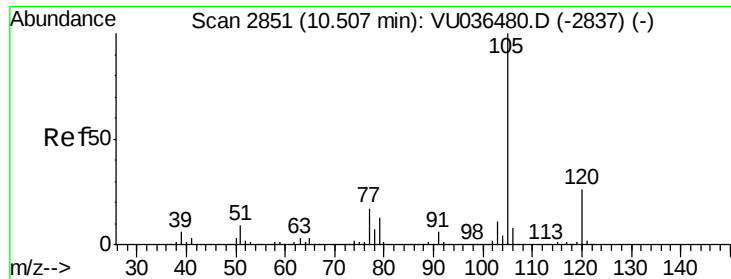
78 65.5 33.2 61.7#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 3.602 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU036500.D

Acq: 16 Jan 2020 14:07

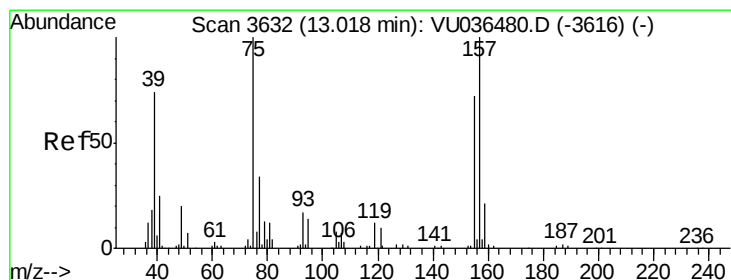
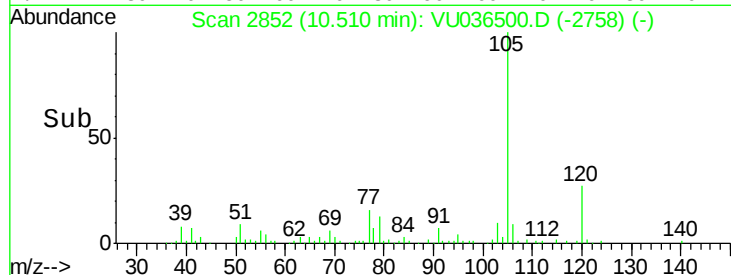
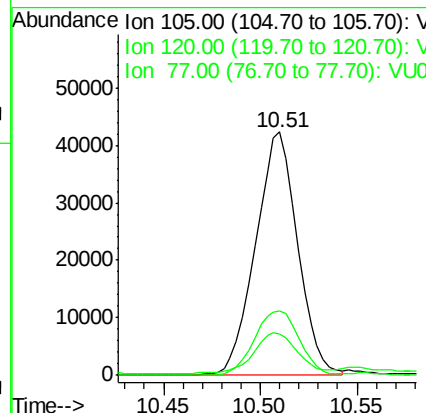
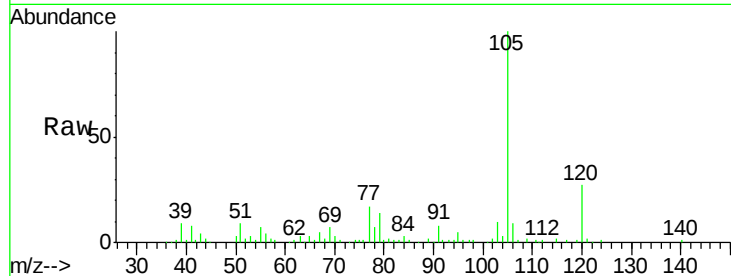
Instrument :

MSVOA_U

ClientSampled :

GASG9ME

Tgt Ion:	105	Resp:	63947
Ion Ratio	Lower	Upper	
105	100		
120	28.4	21.5	32.3
77	16.6	13.4	20.2



#66

1,2-Dibromo-3-chloropropane

Concen: 2.383 ug/L

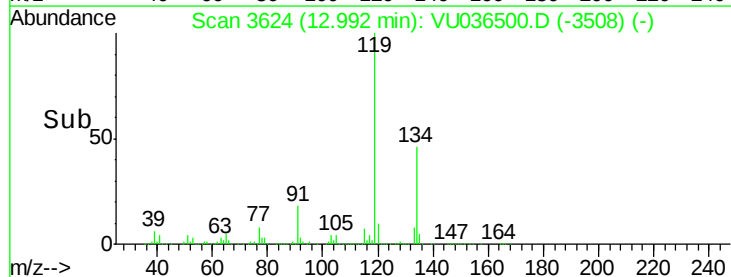
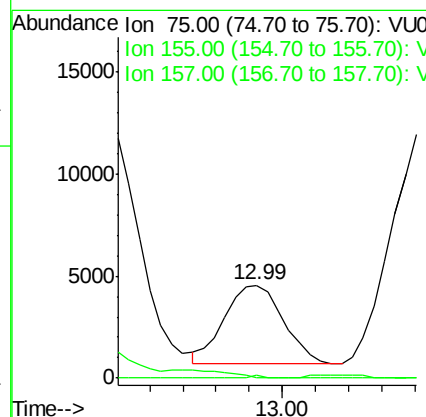
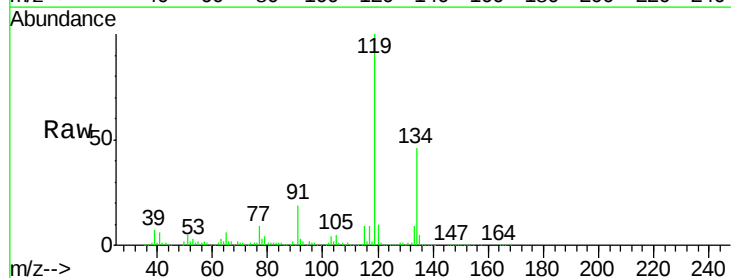
RT: 12.99 min Scan# 3624

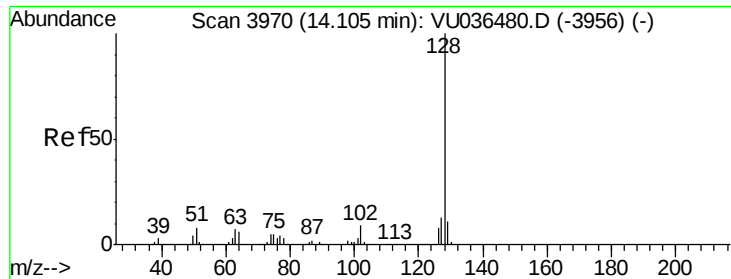
Delta R.T. -0.03 min

Lab File: VU036500.D

Acq: 16 Jan 2020 14:07

Tgt Ion:	75	Resp:	4694
Ion Ratio	Lower	Upper	
75	100		
155	0.0	59.1	88.7#
157	2.7	72.7	109.1#





#69

Naphthalene

Concen: 35.085 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036500.D

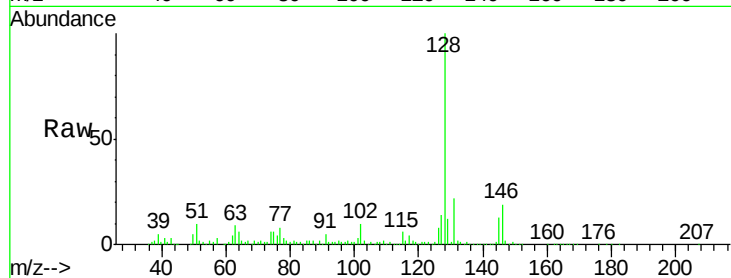
Acq: 16 Jan 2020 14:07

Instrument :

MSVOA_U

ClientSampleId :

GASG9ME



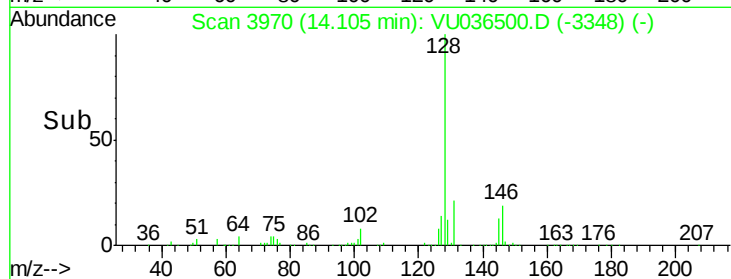
Tgt Ion:128 Resp: 479863

Ion Ratio Lower Upper

128 100

127 14.4 10.0 15.0

129 13.2 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

