

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
 Data File : VU036639.D
 Acq On : 31 Jan 2020 00:11
 Operator : JC/MD
 Sample : L1324-08
 Misc : 5.00µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAT65

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:46:31 AM

Quant Time: Jan 31 06:31:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 04:01:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	281560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	150919	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71532	32.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.26%
7) Chloroethane-d5	1.89	69	16913	8.99	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	17.98%#
11) 1,1-Dichloroethene-d2	2.54	63	96253m	27.16	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.32%#
21) 2-Butanone-d5	4.70	46	70844	54.45	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	54.45%
24) Chloroform-d	5.11	84	142531	39.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.42%
26) 1,2-Dichloroethane-d4	5.74	65	95010	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.94%
32) Benzene-d6	5.76	84	333808	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.30%
36) 1,2-Dichloropropane-d6	6.73	67	108237	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.72%
41) Toluene-d8	7.93	98	321169	42.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.30%
43) trans-1,3-Dichloropropene-	8.21	79	49956	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.12%
47) 2-Hexanone-d5	8.69	63	123080	107.54	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.54%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	162744	44.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.70%
64) 1,2-Dichlorobenzene-d4	12.22	152	138016	42.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.24%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	2063	0.869 ug/L	97
13) Acetone	2.69	43	2566	2.037 ug/L	46
42) Toluene	8.00	91	16073	1.757 ug/L	98
46) Tetrachloroethene	8.58	164	68340	38.825 ug/L	99
52) Ethylbenzene	9.60	91	88739	8.853 ug/L	98
53) m,p-Xylene	9.73	106	33098	8.466 ug/L	98
54) o-xylene	10.13	106	51309	13.158 ug/L	95
56) Isopropylbenzene	10.51	105	14283	1.441 ug/L	98

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

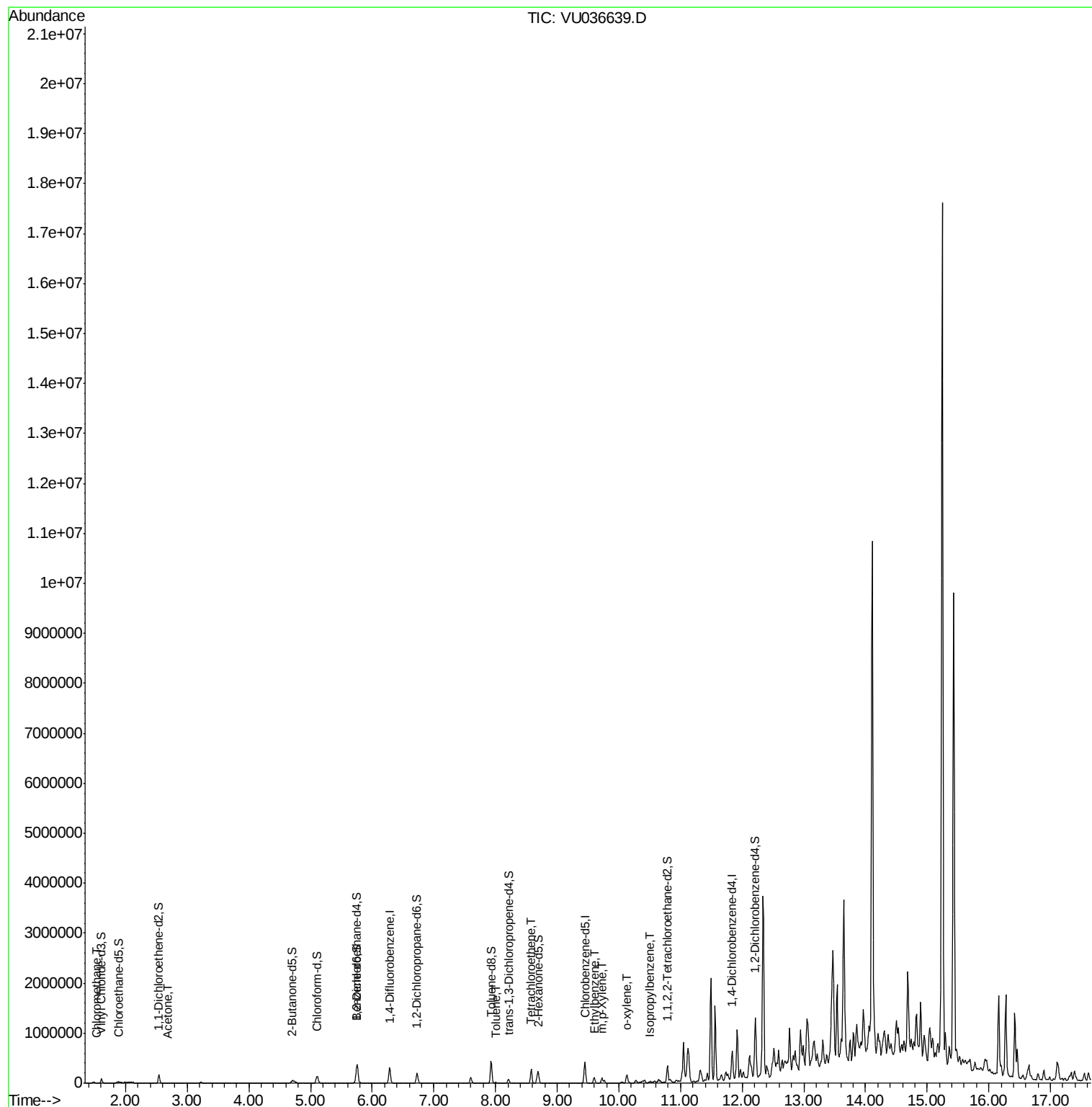
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU013020\
Data File : VU036639.D
Acq On : 31 Jan 2020 00:11
Operator : JC/MD
Sample : L1324-08
Misc : 5.00µ/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

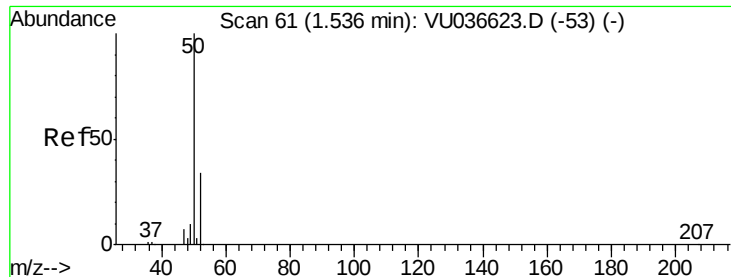
Instrument :
MSVOA_U
ClientSampleId :
GAT65

Manual Integrations
APPROVED

MMDadoda
2/3/2020 10:46:31 AM

Quant Time: Jan 31 06:31:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.869 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.01 min

Lab File: VU036639.D

Acq: 31 Jan 2020 00:11

Instrument :

MSVOA_U

ClientSampleId :

GAT65

Tot Ion: 50 Resp: 2063

Ion Ratio Lower Upper

50 100

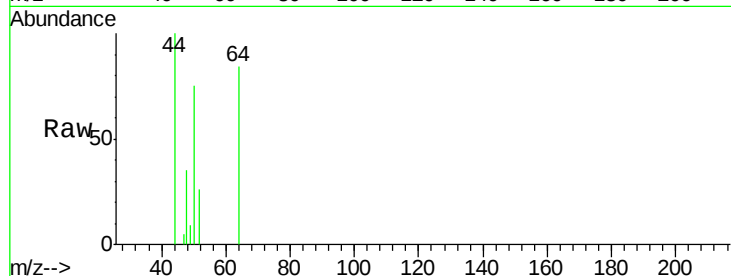
52 34.9 23.2 43.0

Manual Integrations

APPROVED

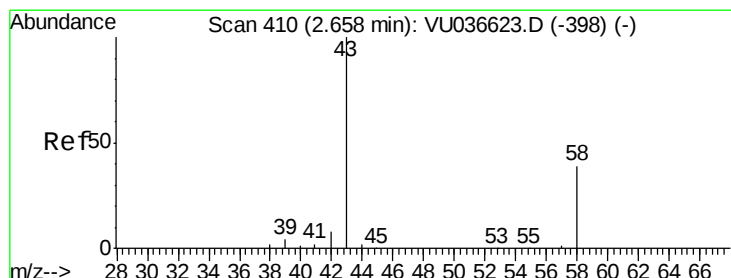
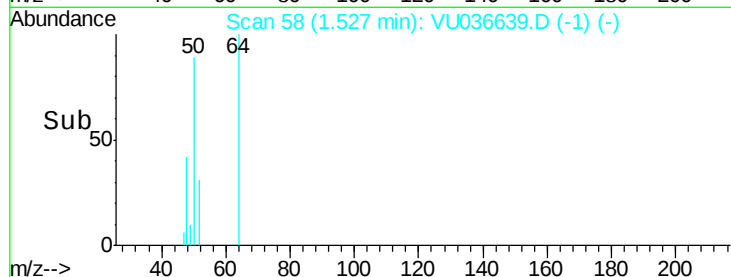
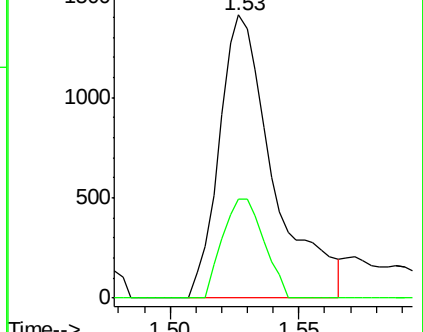
MMDadoda

2/3/2020 10:46:31 AM



Abundance Ion 50.00 (49.70 to 50.70): VU036639.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU036639.D (-1) (-)



#13

Acetone

Concen: 2.037 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.03 min

Lab File: VU036639.D

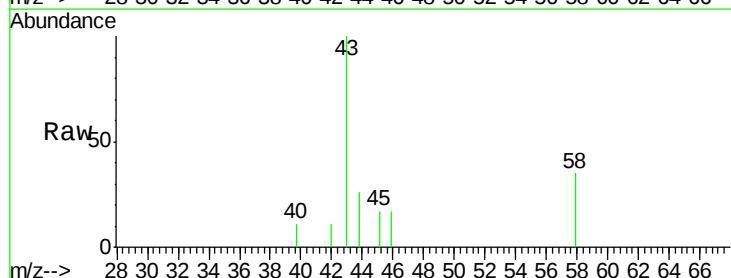
Acq: 31 Jan 2020 00:11

Tgt Ion: 43 Resp: 2566

Ion Ratio Lower Upper

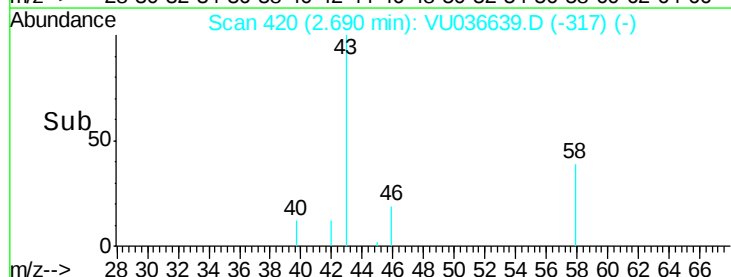
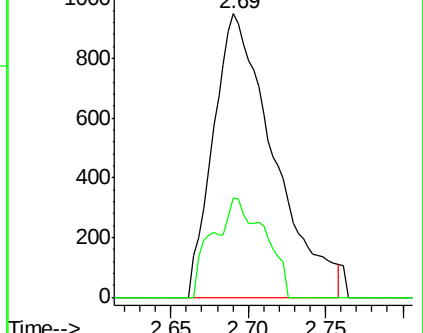
43 100

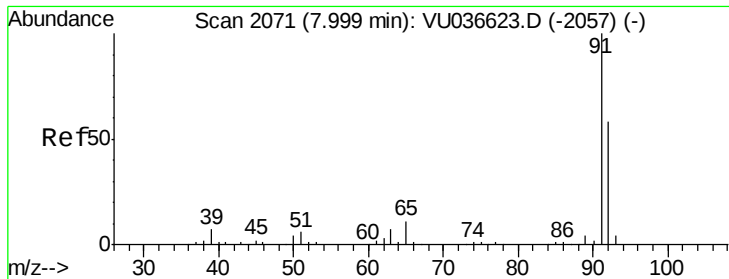
58 5.3 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036639.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036639.D (-317) (-)





#42

Toluene

Concen: 1.757 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VU036639.D

Acq: 31 Jan 2020 00:11

Instrument :

MSVOA_U

ClientSampleId :

GAT65

Tot Ion: 91 Resp: 16073

Ion Ratio Lower Upper

91 100

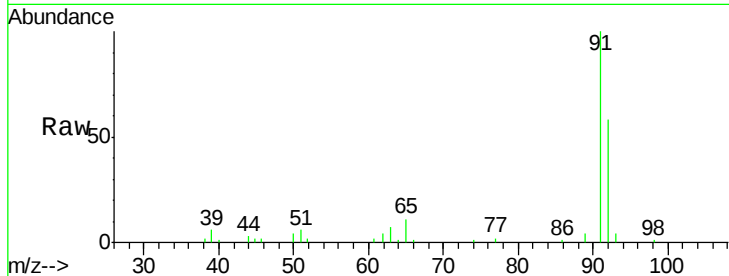
92 58.3 39.9 74.1

Manual Integrations

APPROVED

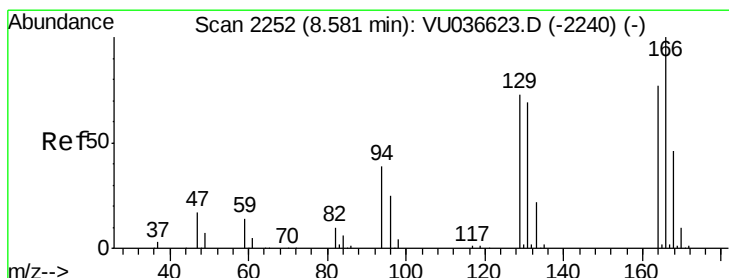
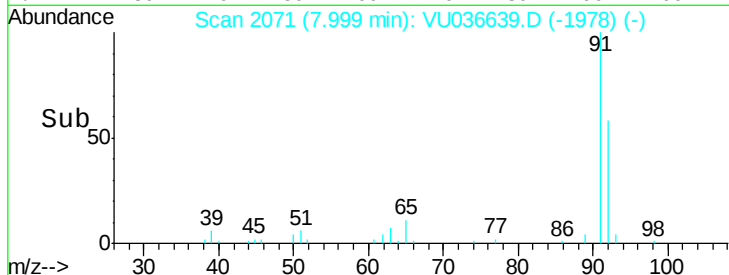
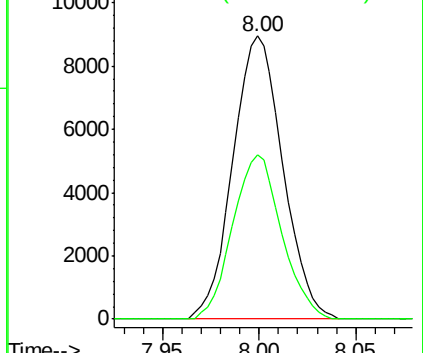
MMDadoda

2/3/2020 10:46:31 AM



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#46

Tetrachloroethene

Concen: 38.825 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU036639.D

Acq: 31 Jan 2020 00:11

Tgt Ion:164 Resp: 68340

Ion Ratio Lower Upper

164 100

129 91.3 64.2 119.2

131 88.4 61.8 114.8

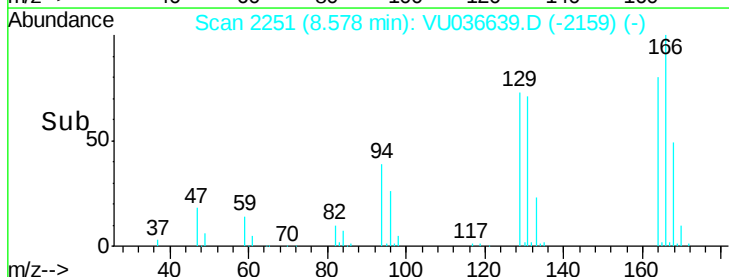
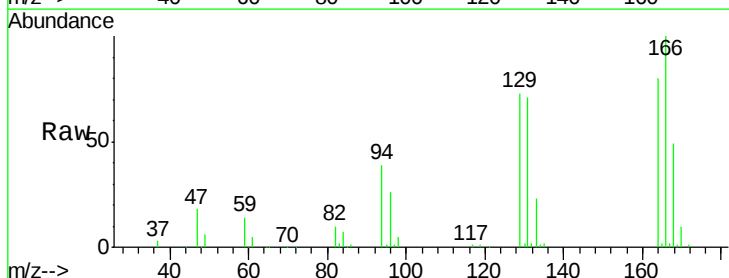
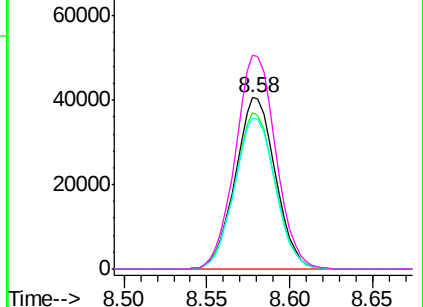
166 124.9 88.8 165.0

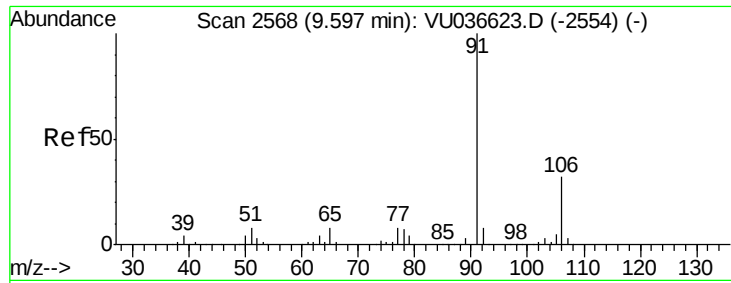
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#52

Ethylbenzene

Concen: 8.853 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: VU036639.D

Acq: 31 Jan 2020 00:11

Instrument :

MSVOA_U

ClientSampled :

GAT65

Tot Ion: 91 Resp: 88739

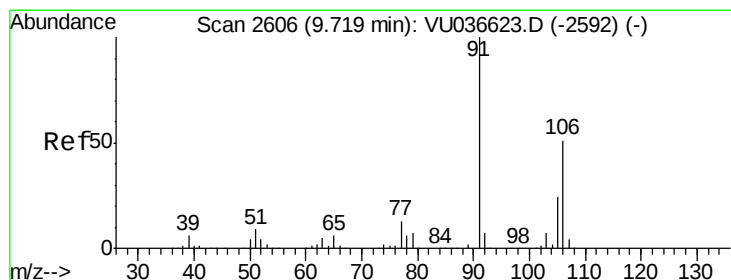
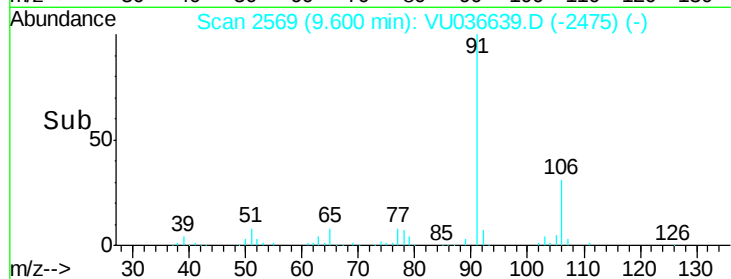
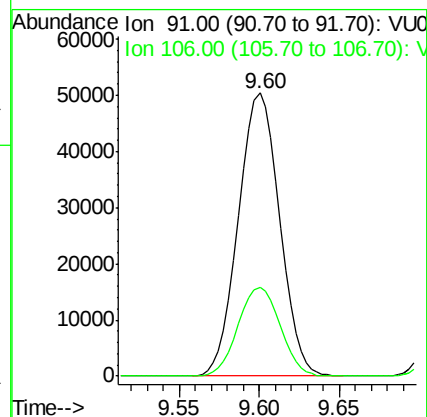
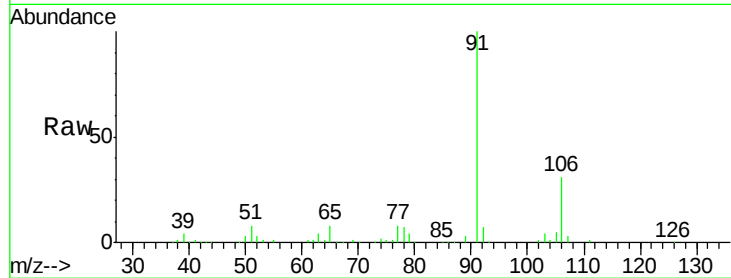
Ion Ratio Lower Upper

91 100

106 31.3 22.6 42.0

Manual Integrations
APPROVED

MMDadoda
2/3/2020 10:46:31 AM



#53

m,p-Xylene

Concen: 8.466 ug/L

RT: 9.73 min Scan# 2608

Delta R.T. 0.01 min

Lab File: VU036639.D

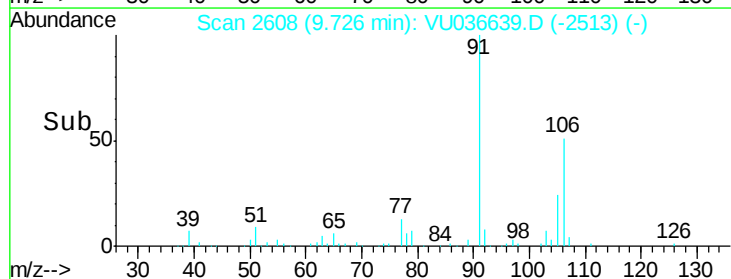
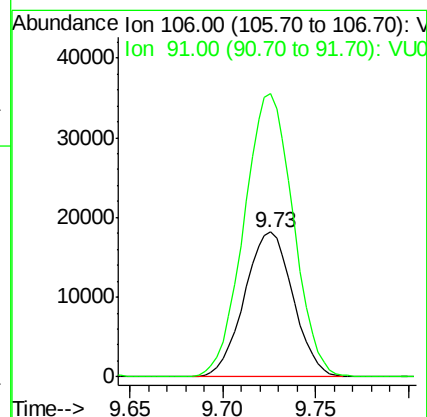
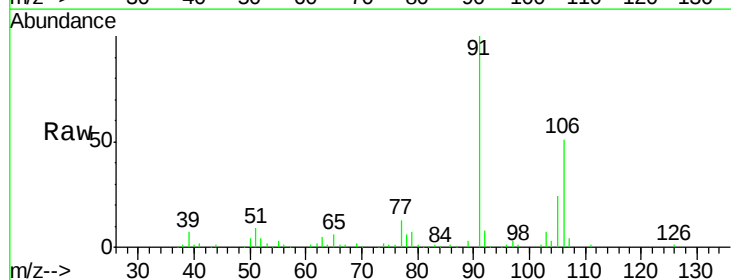
Acq: 31 Jan 2020 00:11

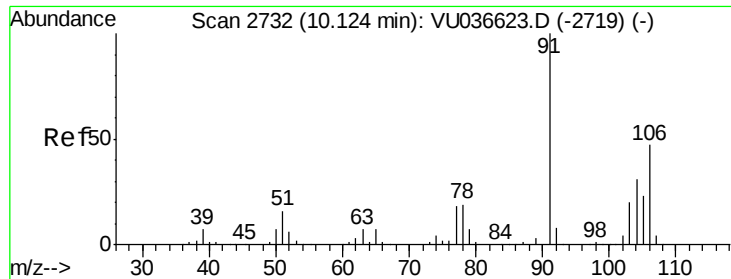
Tgt Ion: 106 Resp: 33098

Ion Ratio Lower Upper

106 100

91 195.7 139.4 259.0





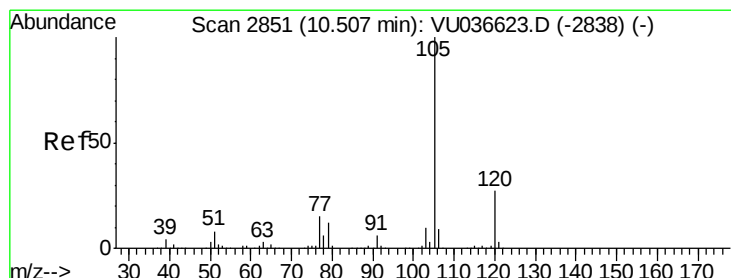
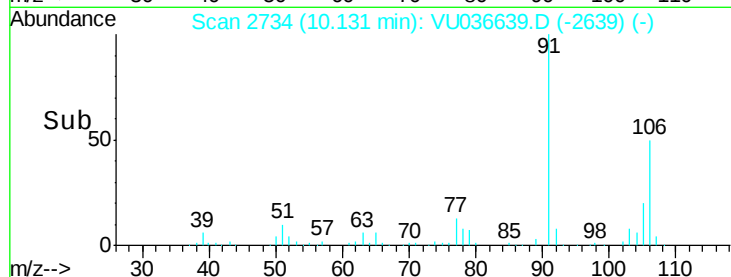
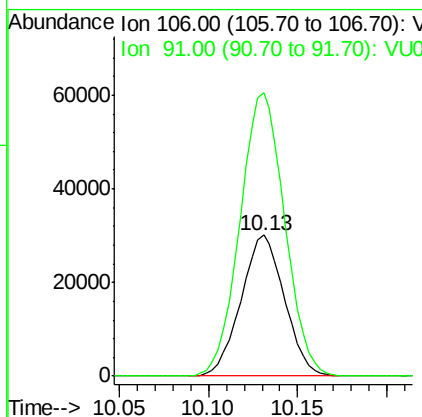
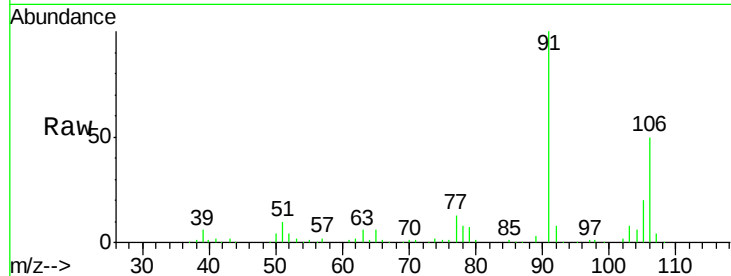
#54
o-xylene
Concen: 13.158 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.01 min
Lab File: VU036639.D
Acq: 31 Jan 2020 00:11

Instrument :
MSVOA_U
ClientSampled :
GAT65

Tot Ion:106 Resp: 51309
Ion Ratio Lower Upper
106 100
91 201.1 145.9 271.1

Manual Integrations
APPROVED

MMDadoda
2/3/2020 10:46:31 AM



#56
Isopropylbenzene
Concen: 1.441 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036639.D
Acq: 31 Jan 2020 00:11

Tgt Ion:105 Resp: 14283
Ion Ratio Lower Upper
105 100
120 27.4 21.6 32.4
77 17.1 11.8 17.8

