

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039613.D
 Acq On : 21 Jul 2020 21:33
 Operator : SY/MD
 Sample : L3347-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY01

Quant Time: Jul 22 03:58:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	109820	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	101166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47146	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32766	6.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.60%
7) Chloroethane-d5	1.92	69	34198	6.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.00%
11) 1,1-Dichloroethene-d2	2.58	63	50105	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.65	46	121763	52.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.92%
24) Chloroform-d	5.08	84	65249	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	42826	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.75	84	134492	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.71	67	43465	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.91	98	120376	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	8.19	79	17351	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.64	63	91535	53.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.58%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36190	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	44245	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

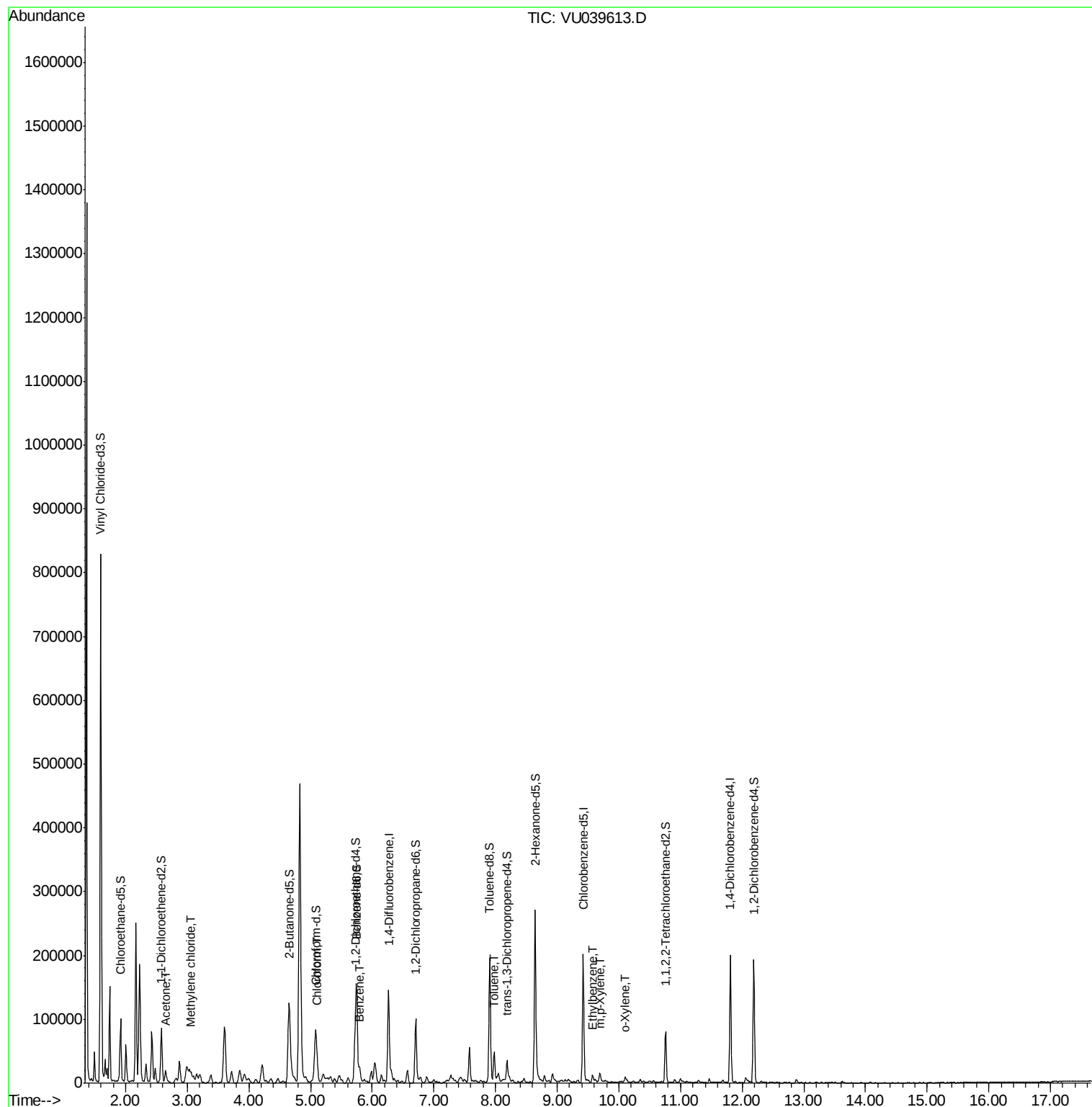
					Qvalue
13) Acetone	2.65	43	14575	11.391 ug/L	89
16) Methylene chloride	3.06	84	5691	0.758 ug/L	77
25) Chloroform	5.11	83	7763	0.576 ug/L	99
33) Benzene	5.79	78	20332	0.836 ug/L	100
42) Toluene	7.98	91	25726	0.967 ug/L	91
52) Ethylbenzene	9.57	91	8809	0.291 ug/L	95
53) m,p-Xylene	9.69	106	3175	0.281 ug/L	90
54) o-Xylene	10.10	106	2040	0.185 ug/L	96

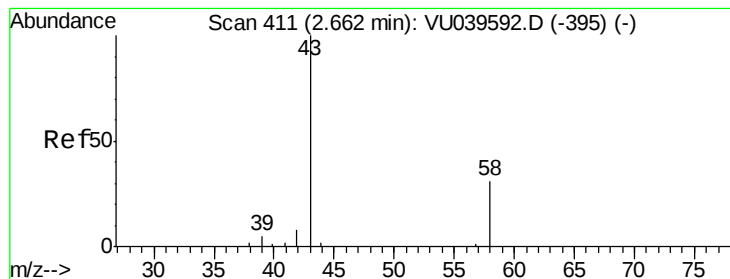
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 22 03:58:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration





#13

Acetone

Concen: 11.391 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: VU039613.D

Acq: 21 Jul 2020 21:33

Instrument :

MSVOA_U

ClientSampleId :

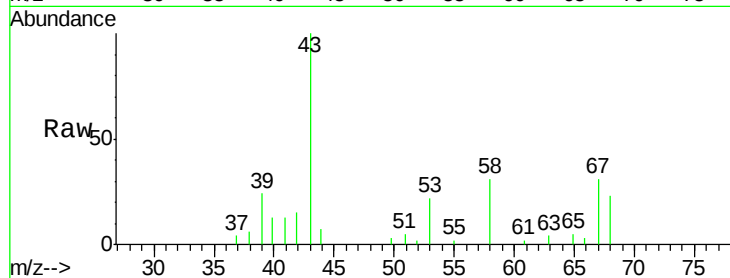
GAY01

Tgt Ion: 43 Resp: 14575

Ion Ratio Lower Upper

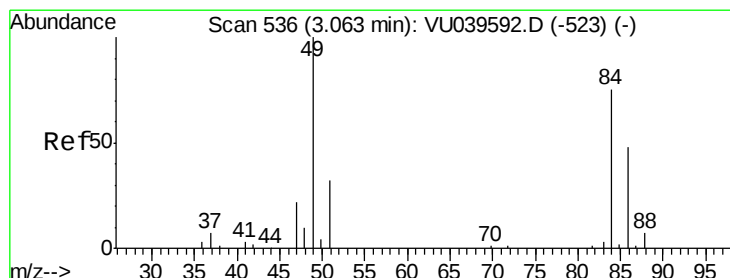
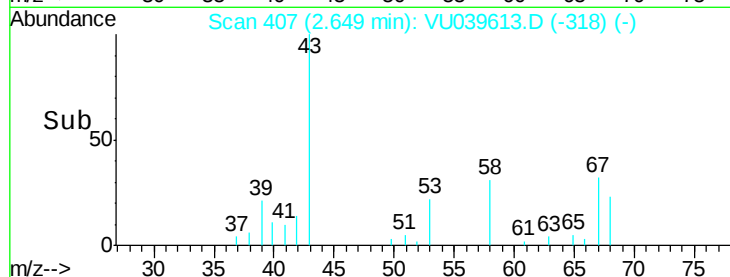
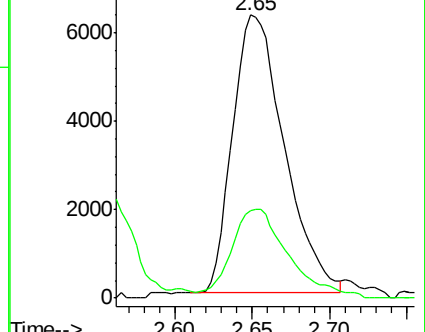
43 100

58 35.5 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU039592.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU039592.D (-395) (-)



#16

Methylene chloride

Concen: 0.758 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039613.D

Acq: 21 Jul 2020 21:33

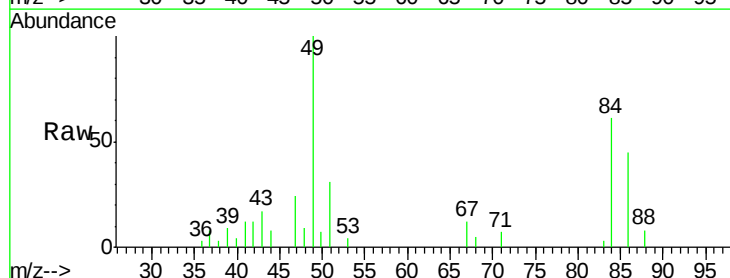
Tgt Ion: 84 Resp: 5691

Ion Ratio Lower Upper

84 100

86 74.3 43.8 81.4

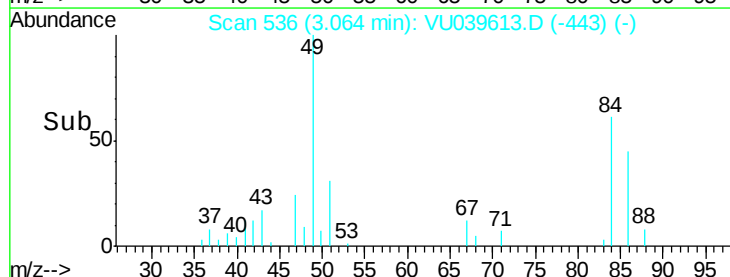
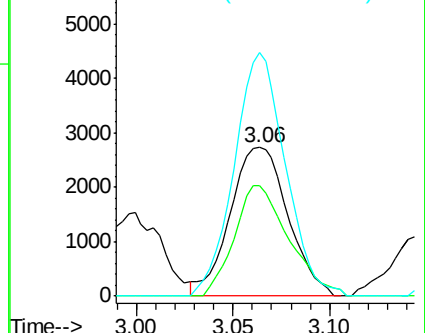
49 163.9 92.7 172.3

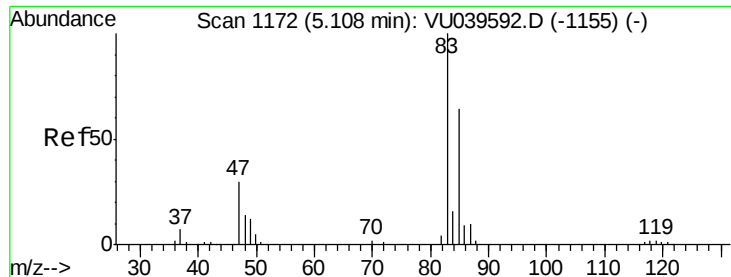


Abundance Ion 84.05 (83.75 to 84.75): VU039592.D (-523) (-)

Ion 86.00 (85.70 to 86.70): VU039592.D (-523) (-)

Ion 49.10 (48.80 to 49.80): VU039592.D (-523) (-)

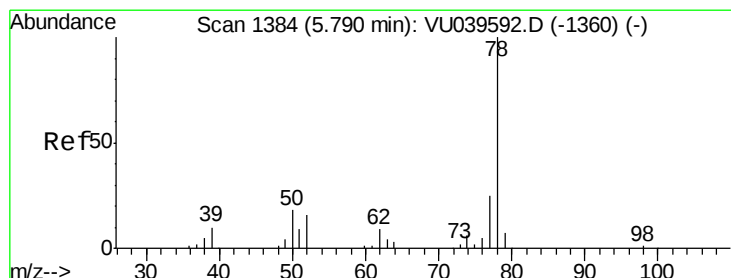
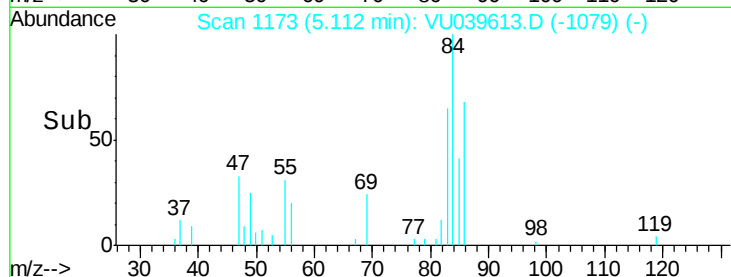
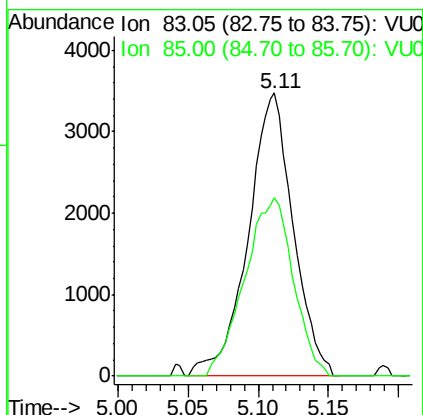
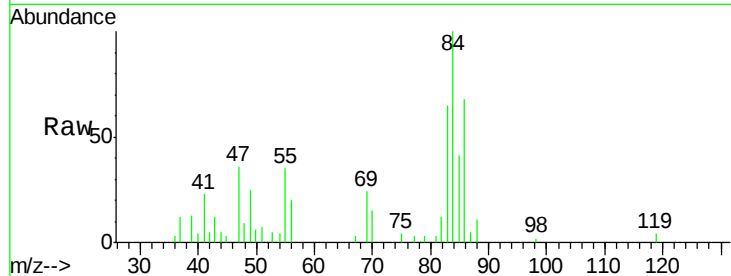




#25
Chloroform
Concen: 0.576 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039613.D
Acq: 21 Jul 2020 21:33

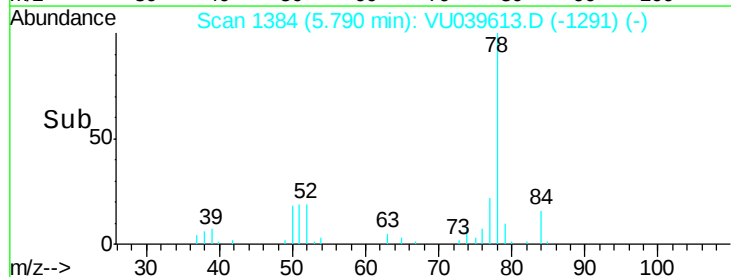
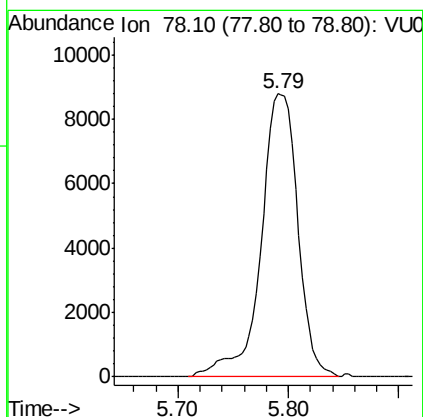
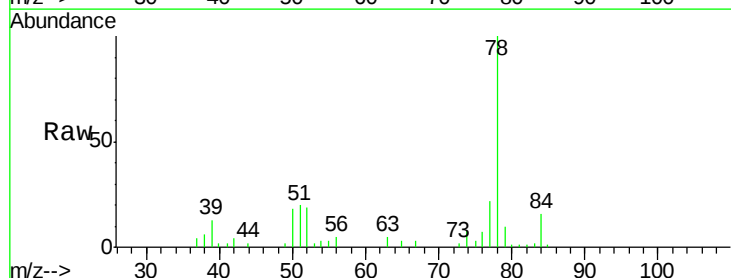
Instrument :
MSVOA_U
ClientSampleId :
GAY01

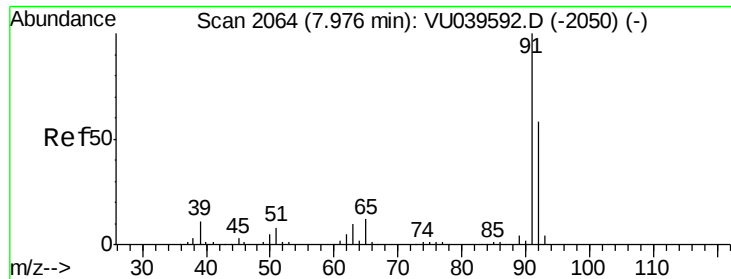
Tgt Ion: 83 Resp: 7763
Ion Ratio Lower Upper
83 100
85 63.0 44.4 82.5



#33
Benzene
Concen: 0.836 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039613.D
Acq: 21 Jul 2020 21:33

Tgt Ion: 78 Resp: 20332





#42

Toluene

Concen: 0.967 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039613.D

Acq: 21 Jul 2020 21:33

Instrument :

MSVOA_U

ClientSampleId :

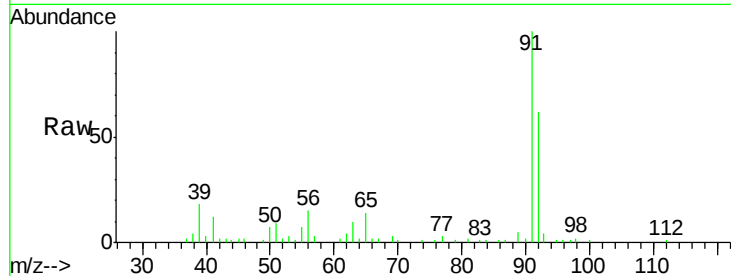
GAY01

Tgt Ion: 91 Resp: 25726

Ion Ratio Lower Upper

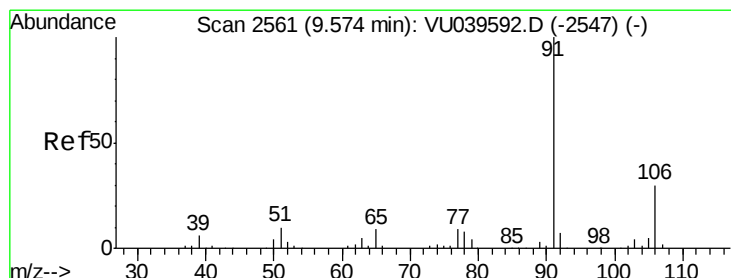
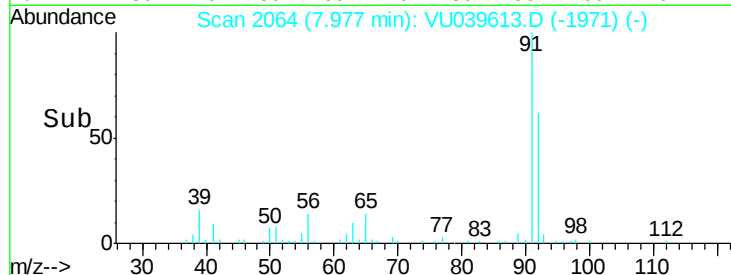
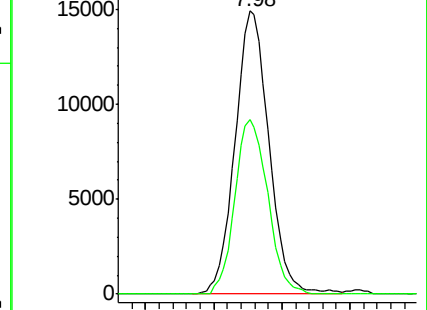
91 100

92 61.6 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU039592.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU039592.D (-2050) (-)



#52

Ethylbenzene

Concen: 0.291 ug/L

RT: 9.57 min Scan# 2561

Delta R.T. 0.00 min

Lab File: VU039613.D

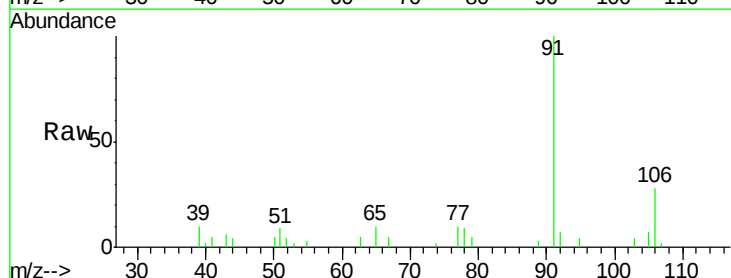
Acq: 21 Jul 2020 21:33

Tgt Ion: 91 Resp: 8809

Ion Ratio Lower Upper

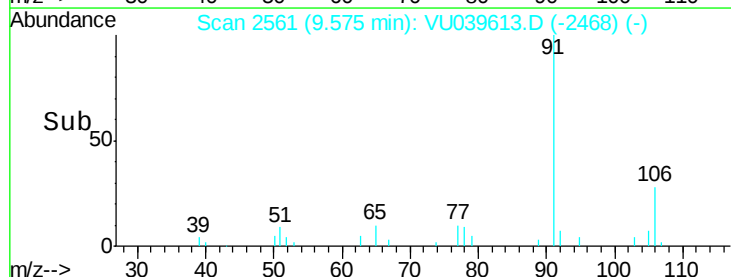
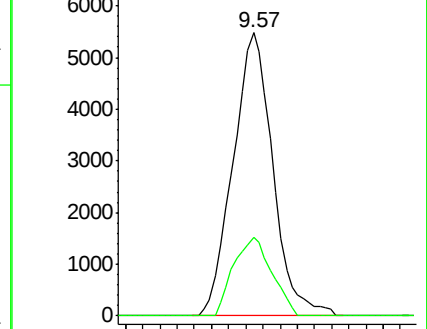
91 100

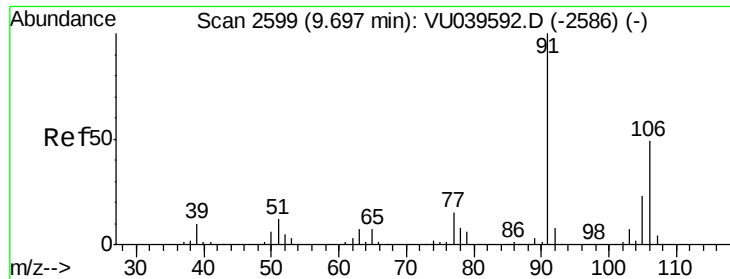
106 27.5 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU039592.D (-2547) (-)

Ion 106.15 (105.85 to 106.85): VU039592.D (-2547) (-)





#53

m,p-Xylene

Concen: 0.281 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU039613.D

Acq: 21 Jul 2020 21:33

Instrument :

MSVOA_U

ClientSampleId :

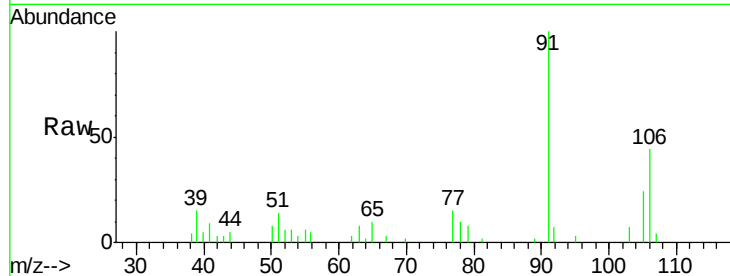
GAY01

Tgt Ion:106 Resp: 3175

Ion Ratio Lower Upper

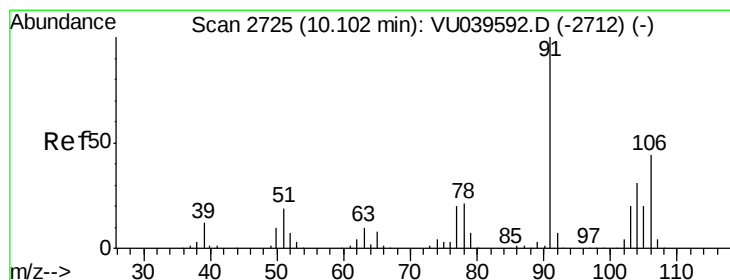
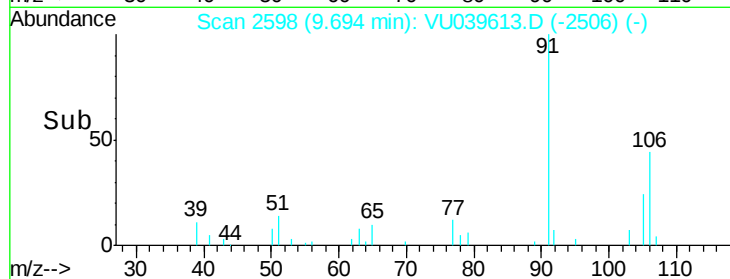
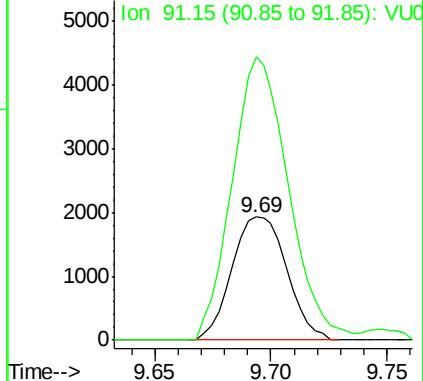
106 100

91 229.7 149.3 277.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.185 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU039613.D

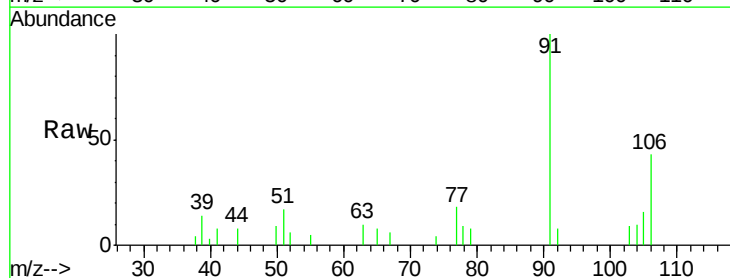
Acq: 21 Jul 2020 21:33

Tgt Ion:106 Resp: 2040

Ion Ratio Lower Upper

106 100

91 231.5 157.4 292.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

