

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041171.D
 Acq On : 10 Nov 2020 12:27
 Operator : SY/MD
 Sample : L4646-12DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T6DL

Quant Time: Nov 11 01:27:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56799	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25786	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14958	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.92	69	14474	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.58	63	24086	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.65	46	83640	53.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.46%
24) Chloroform-d	5.08	84	39775	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	26036	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.74	84	67240	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.70	67	24282	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	55520	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	9492	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.64	63	59383	52.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23028	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	25815	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

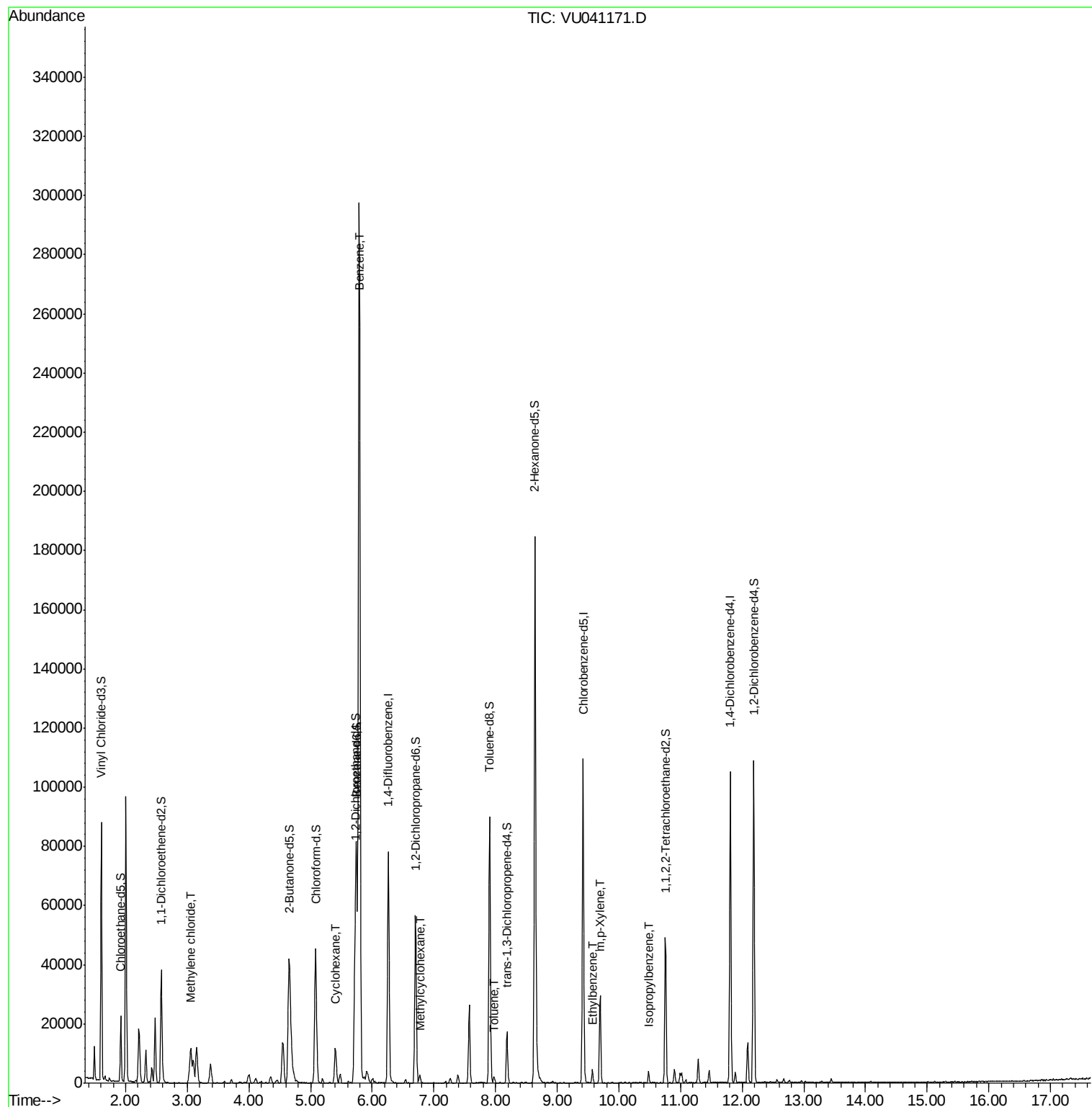
					Ovalue
16) Methylene chloride	3.06	84	1130	0.242 ug/L #	66
30) Cyclohexane	5.40	56	5317	0.796 ug/L	96
33) Benzene	5.79	78	261567	15.796 ug/L	100
35) Methylcyclohexane	6.77	83	797	0.127 ug/L #	67
42) Toluene	7.97	91	1554	0.093 ug/L	95
52) Ethylbenzene	9.57	91	3274	0.185 ug/L	88
53) m,p-Xylene	9.70	106	7721	1.198 ug/L	96
56) Isopropylbenzene	10.48	105	2557	0.158 ug/L	92

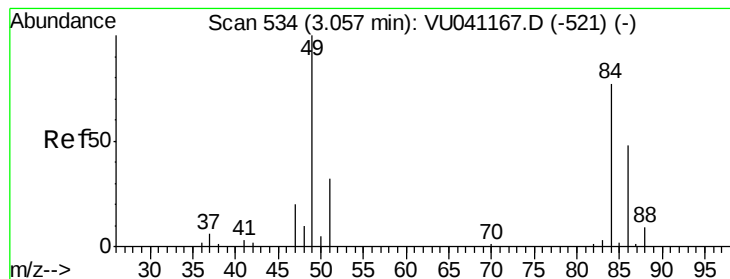
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.242 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041171.D

Acq: 10 Nov 2020 12:27

Instrument :

MSVOA_U

ClientSampleId :

GB0T6DL

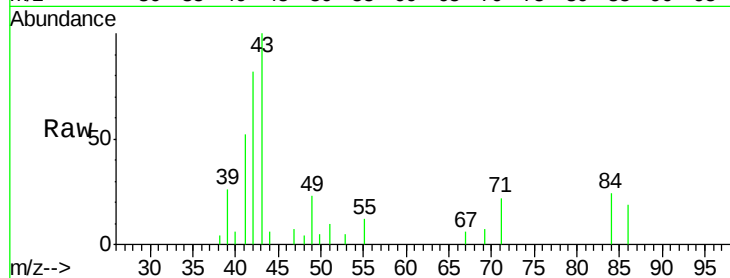
Tot Ion: 84 Resp: 1130

Ion Ratio Lower Upper

84 100

86 82.7 42.8 79.6#

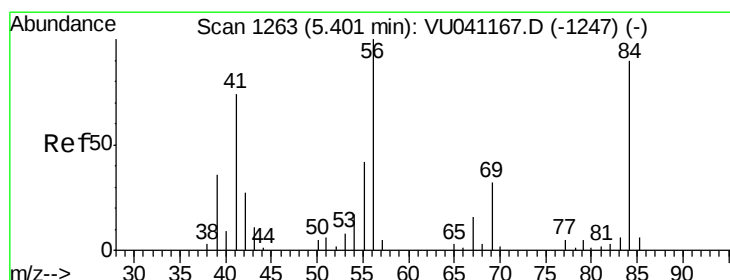
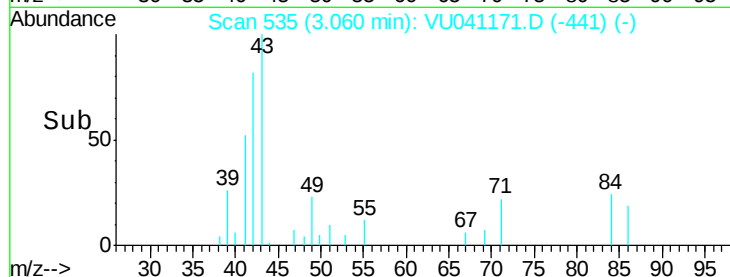
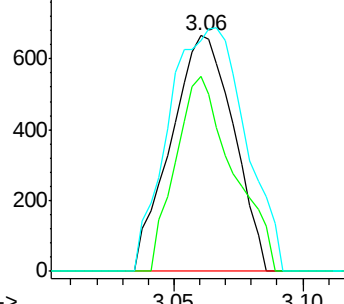
49 97.7 99.5 184.7#



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#30

Cyclohexane

Concen: 0.796 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VU041171.D

Acq: 10 Nov 2020 12:27

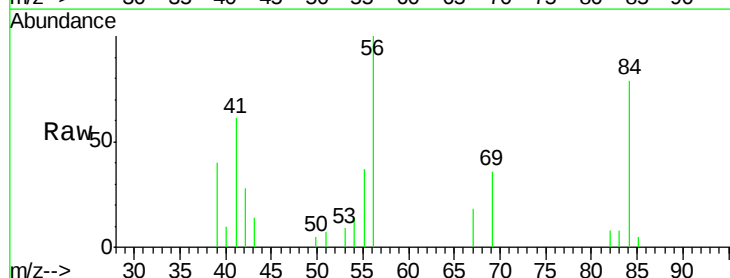
Tgt Ion: 56 Resp: 5317

Ion Ratio Lower Upper

56 100

69 32.9 22.8 34.2

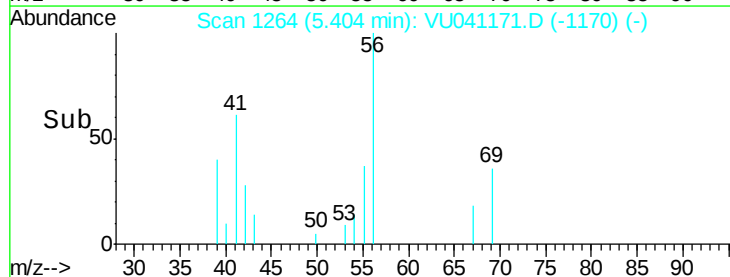
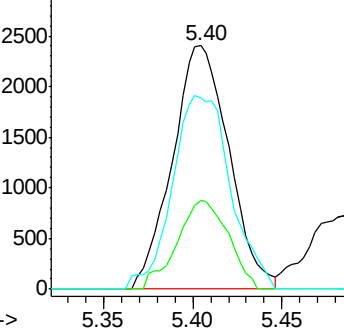
84 81.8 63.6 95.4

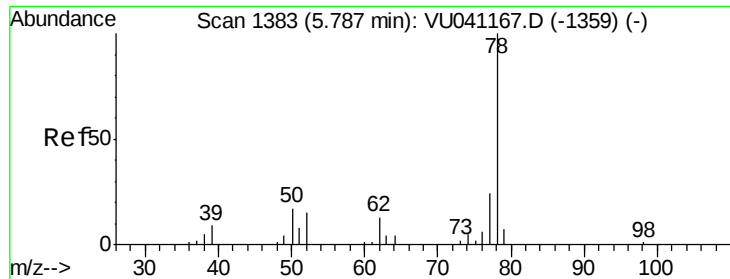


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

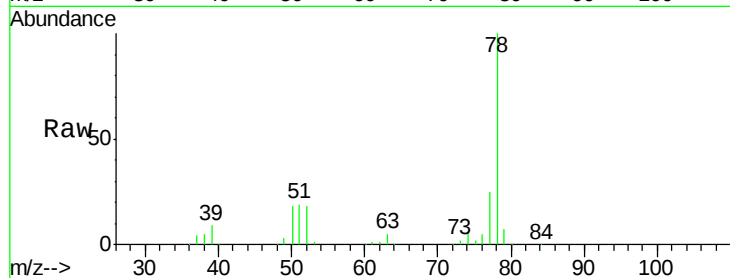




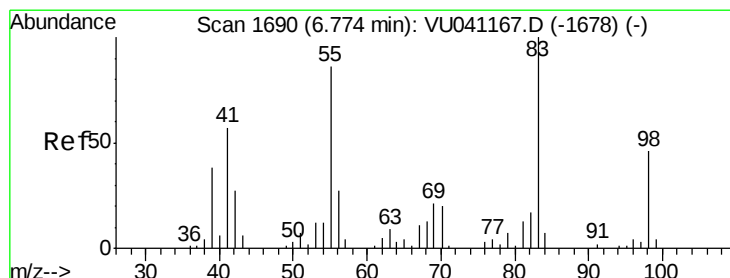
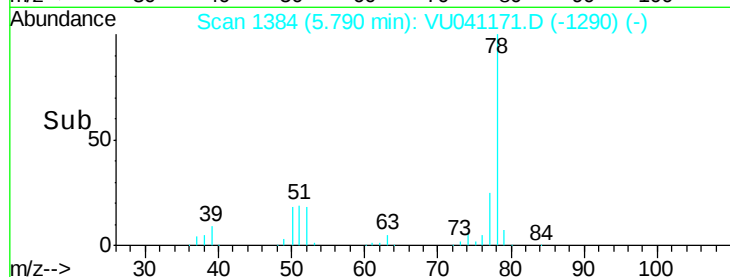
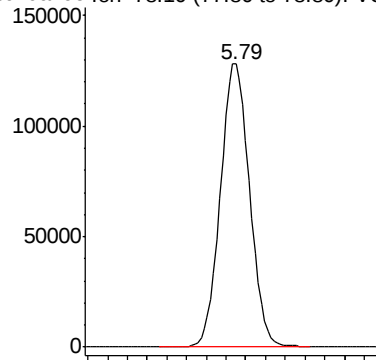
#33
Benzene
Concen: 15.796 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041171.D
Acq: 10 Nov 2020 12:27

Instrument :
MSVOA_U
ClientSampleId :
GB0T6DL

Tgt Ion: 78 Resp: 261567

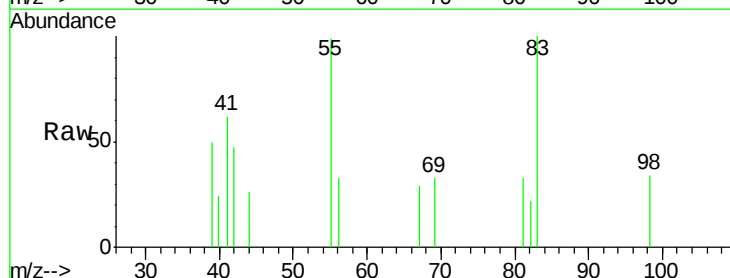


Abundance Ion 78.10 (77.80 to 78.80): VU0



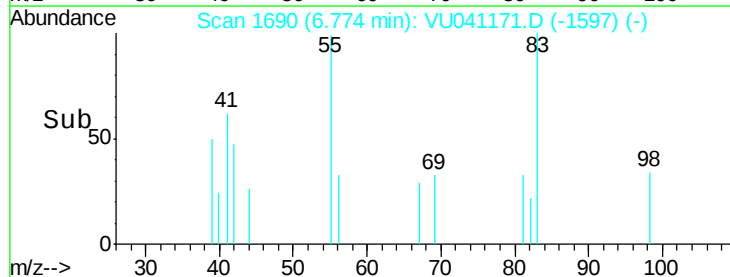
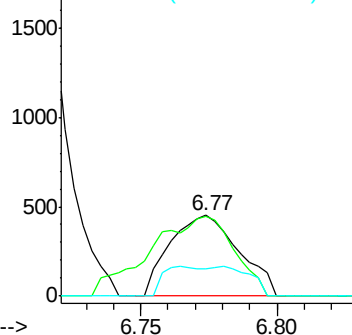
#35
Methylcyclohexane
Concen: 0.127 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU041171.D
Acq: 10 Nov 2020 12:27

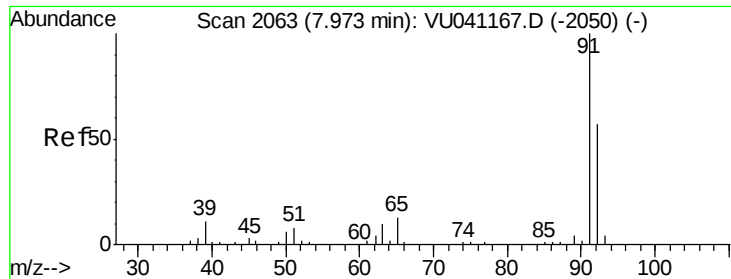
Tgt Ion: 83 Resp: 797
Ion Ratio Lower Upper
83 100
55 120.5 72.0 108.0#
98 22.5 36.6 55.0#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





#42

Toluene

Concen: 0.093 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041171.D

Acq: 10 Nov 2020 12:27

Instrument :

MSVOA_U

ClientSampleId :

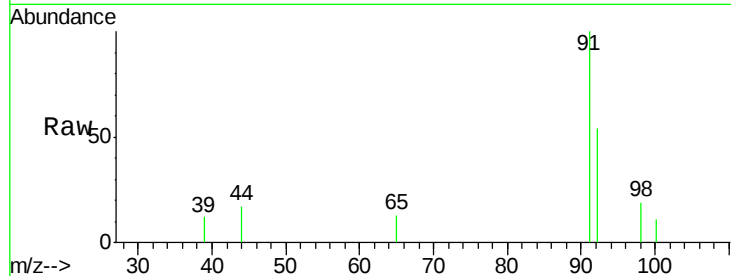
GB0T6DL

Tot Ion: 91 Resp: 1554

Ion Ratio Lower Upper

91 100

92 54.2 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.97

1000

800

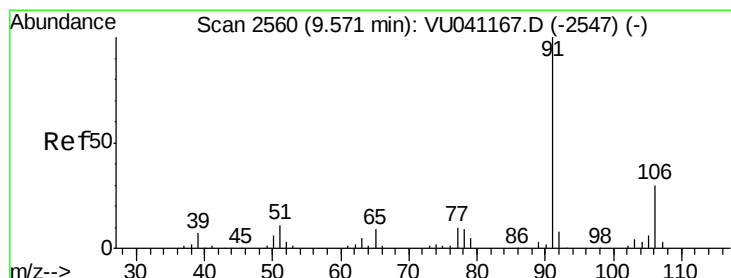
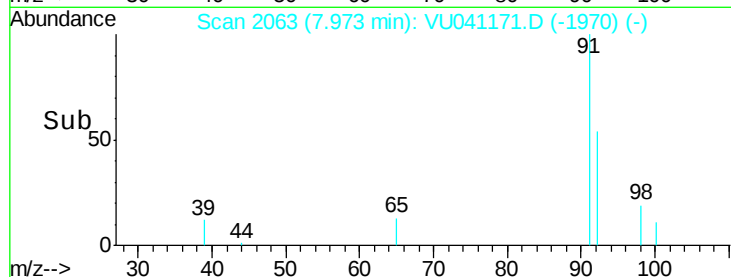
600

400

200

0

Time-->



#52

Ethylbenzene

Concen: 0.185 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU041171.D

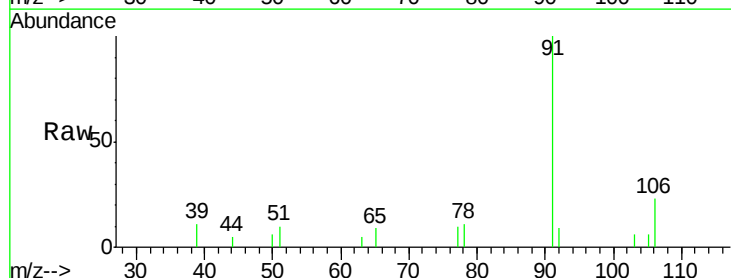
Acq: 10 Nov 2020 12:27

Tgt Ion: 91 Resp: 3274

Ion Ratio Lower Upper

91 100

106 23.4 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

9.57

2500

2000

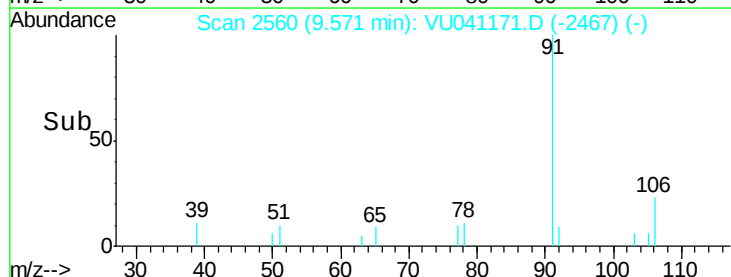
1500

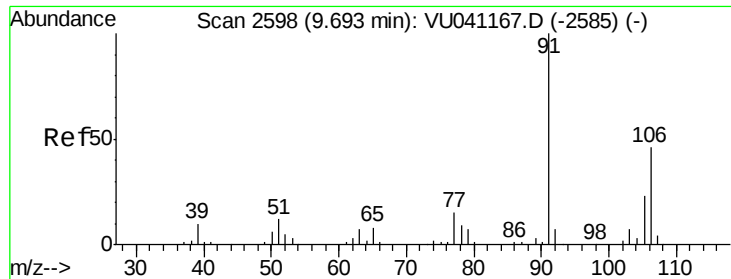
1000

500

0

Time-->





#53

m,p-Xylene

Concen: 1.198 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041171.D

Acq: 10 Nov 2020 12:27

Instrument :

MSVOA_U

ClientSampleId :

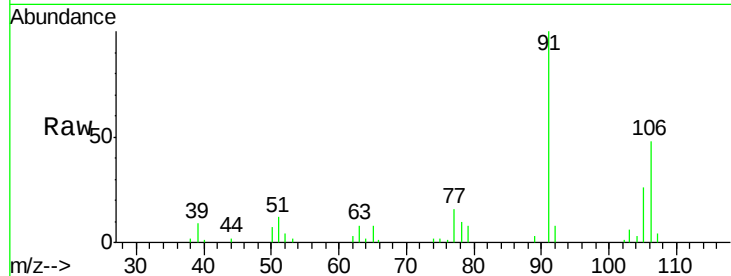
GB0T6DL

Tot Ion:106 Resp: 7721

Ion Ratio Lower Upper

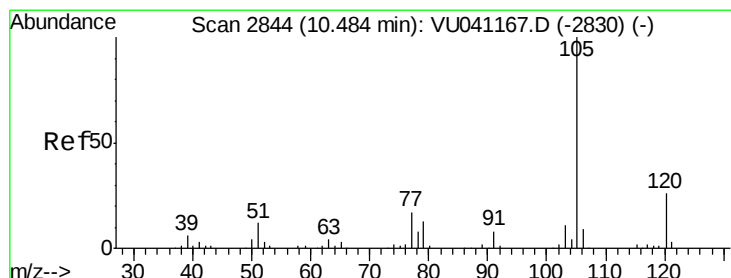
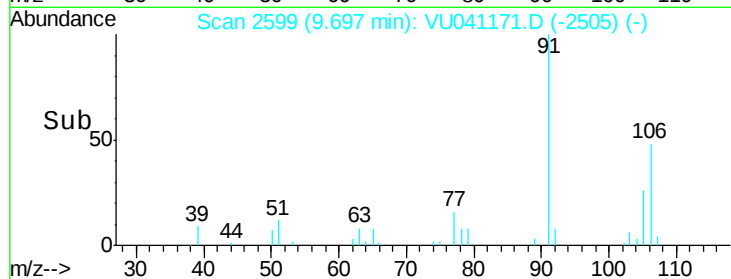
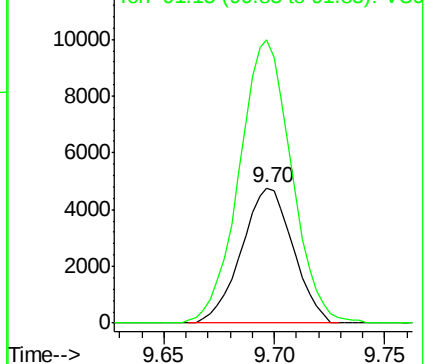
106 100

91 208.9 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#56

Isopropylbenzene

Concen: 0.158 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU041171.D

Acq: 10 Nov 2020 12:27

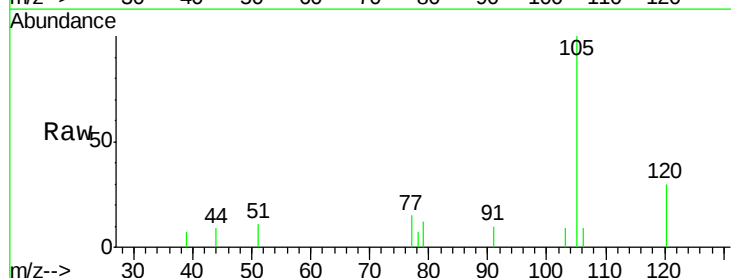
Tgt Ion:105 Resp: 2557

Ion Ratio Lower Upper

105 100

120 30.9 20.7 31.1

77 15.3 13.8 20.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

