

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041172.D
 Acq On : 10 Nov 2020 12:50
 Operator : SY/MD
 Sample : L4646-13DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T7DL

Quant Time: Nov 11 01:35:19 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	56979	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	56025	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14702	3.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.40%
7) Chloroethane-d5	1.92	69	14248	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	2.58	63	24163	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.65	46	84793	53.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.58%
24) Chloroform-d	5.08	84	40006	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	26746	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.74	84	69111	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.70	67	24597	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	56721	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.19	79	9478	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	58887	51.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22897	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	25723	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

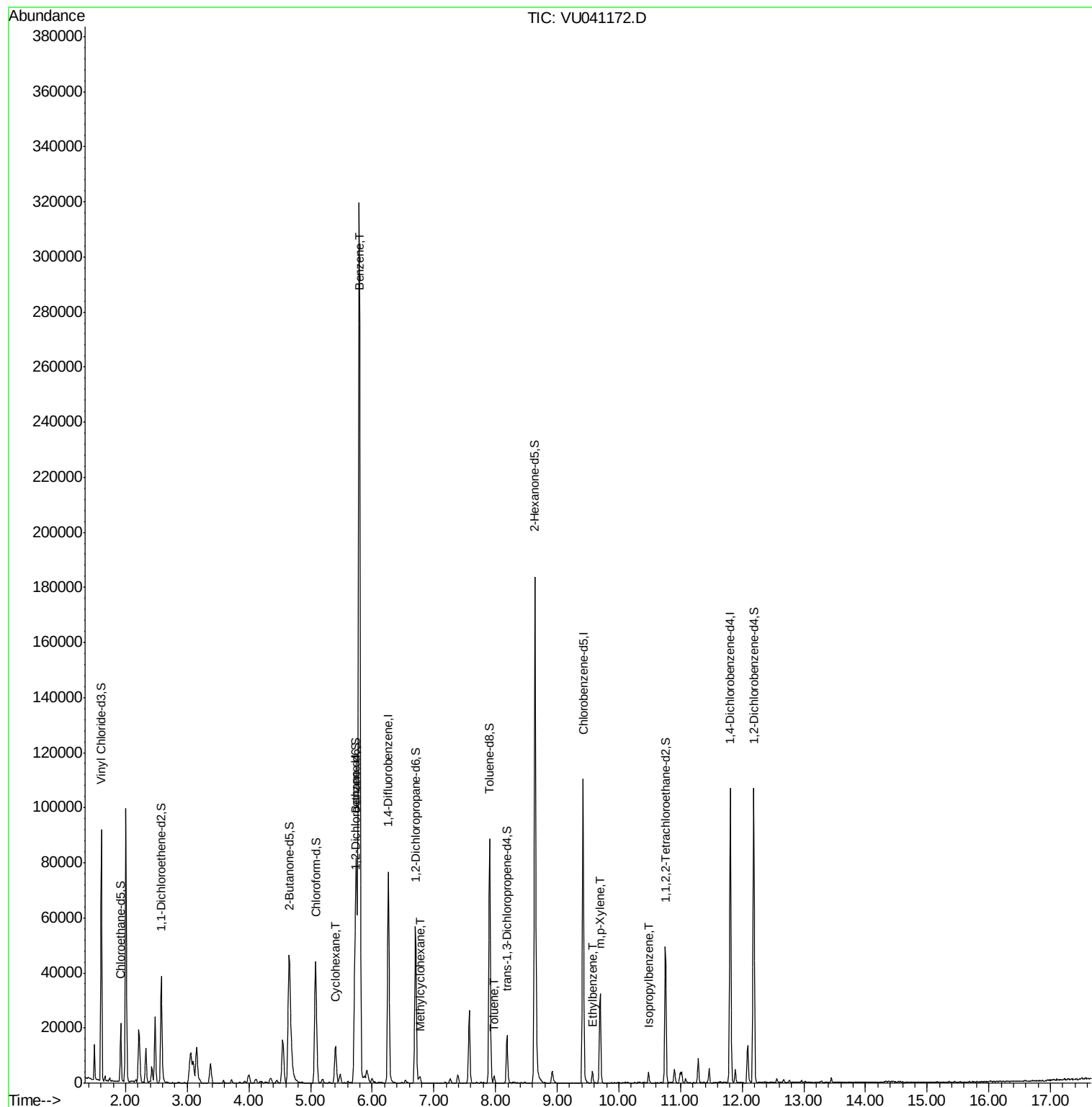
					Ovalue
30) Cyclohexane	5.40	56	5854	0.867 ug/L	97
33) Benzene	5.79	78	283210	16.918 ug/L	100
35) Methylcyclohexane	6.77	83	934	0.147 ug/L #	83
42) Toluene	7.98	91	1869	0.110 ug/L	88
52) Ethylbenzene	9.57	91	3366	0.188 ug/L	94
53) m,p-Xylene	9.70	106	8837	1.356 ug/L	84
56) Isopropylbenzene	10.48	105	2634	0.161 ug/L #	96

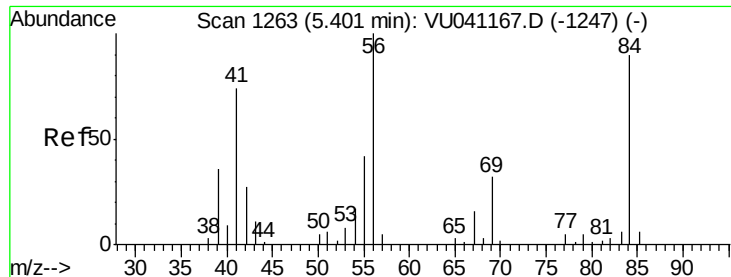
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

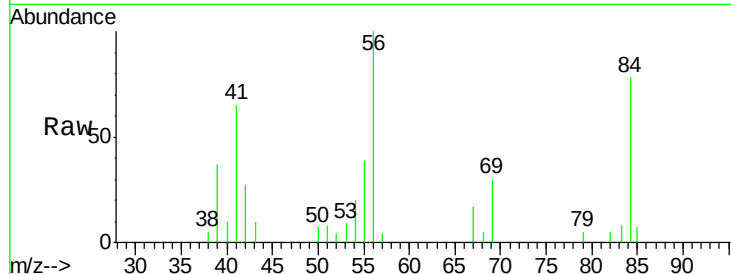




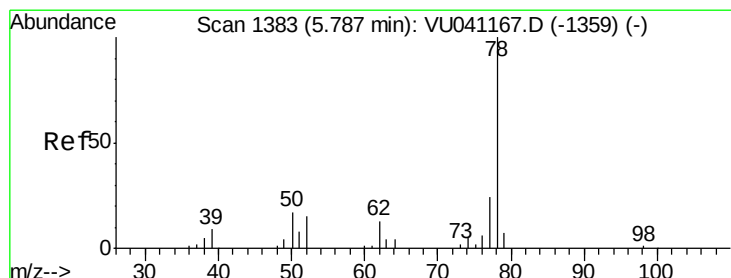
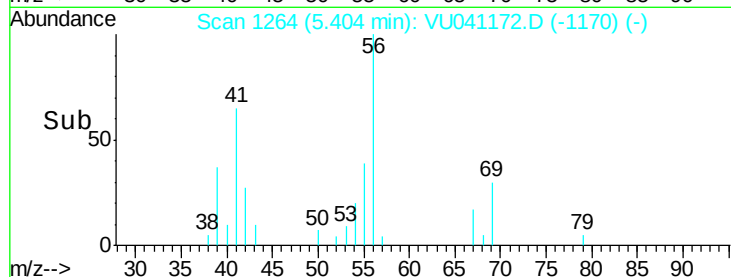
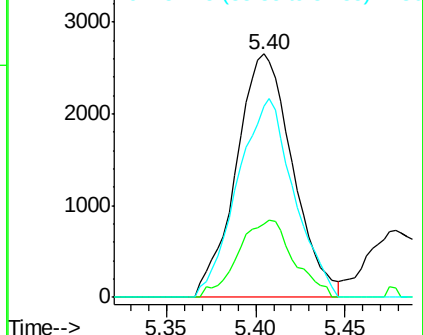
#30
Cyclohexane
Concen: 0.867 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VU041172.D
Acq: 10 Nov 2020 12:50

Instrument :
MSVOA_U
ClientSampleId :
GB077DL

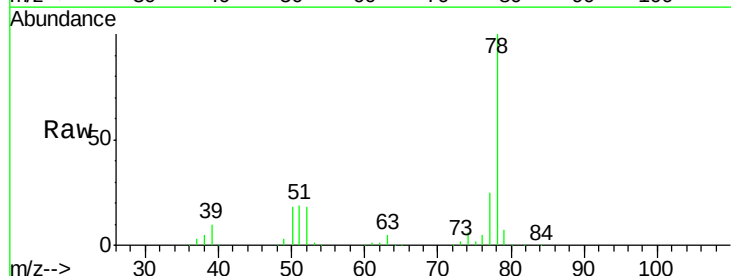
Tot Ion: 56 Resp: 5854
Ion Ratio Lower Upper
56 100
69 31.0 22.8 34.2
84 81.5 63.6 95.4



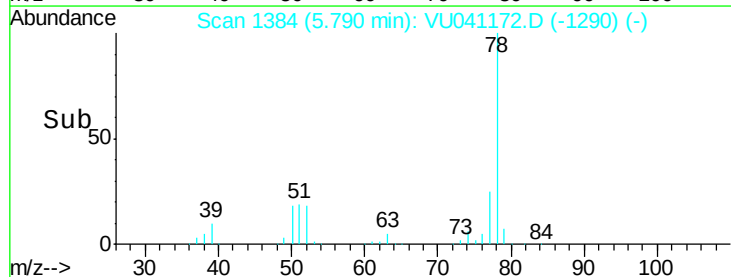
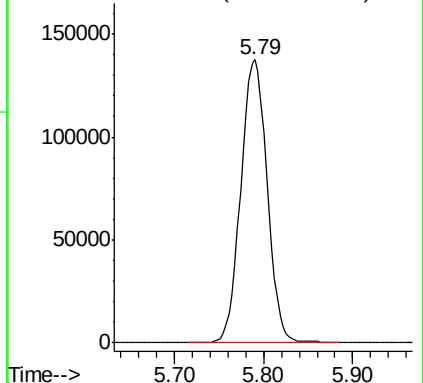
Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

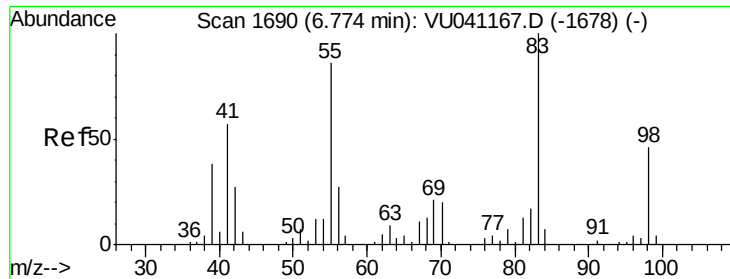


#33
Benzene
Concen: 16.918 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041172.D
Acq: 10 Nov 2020 12:50
Tgt Ion: 78 Resp: 283210



Abundance Ion 78.10 (77.80 to 78.80): VU0

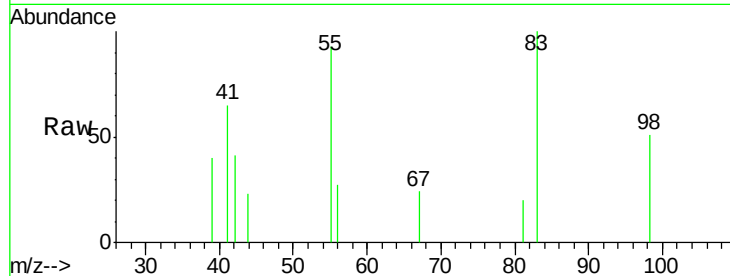




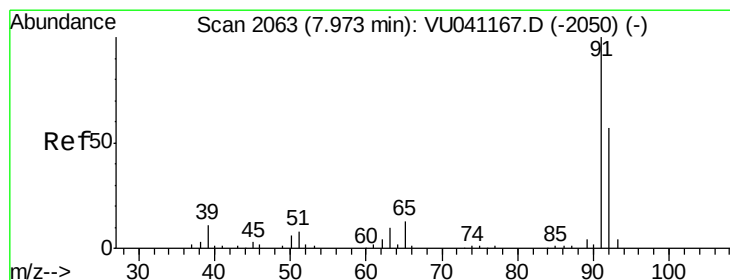
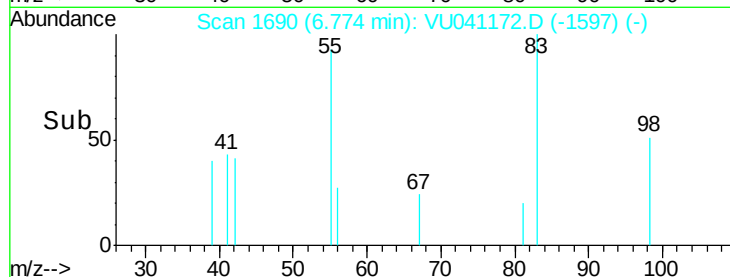
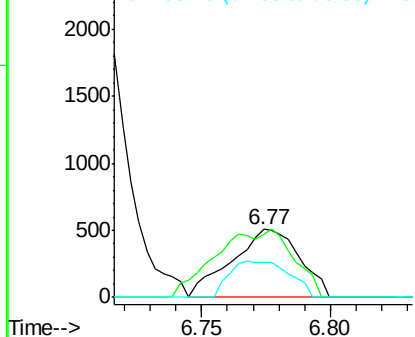
#35
Methylvlcyclohexane
Concen: 0.147 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU041172.D
Acq: 10 Nov 2020 12:50

Instrument :
MSVOA_U
ClientSampleId :
GB077DL

Tot Ion: 83 Resp: 934
Ion Ratio Lower Upper
83 100
55 114.1 72.0 108.0#
98 46.4 36.6 55.0

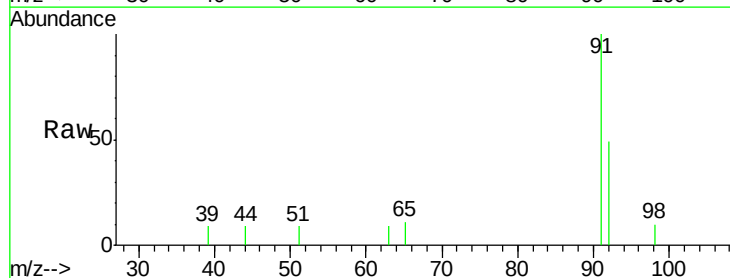


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

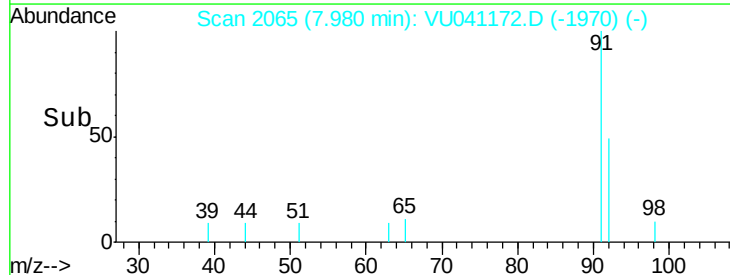
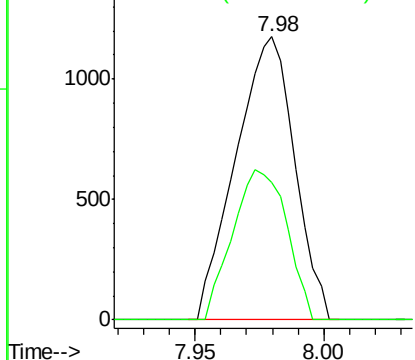


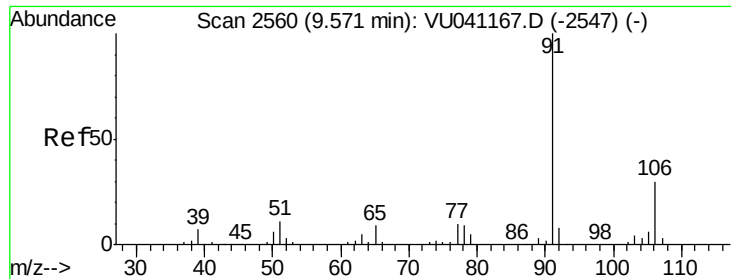
#42
Toluene
Concen: 0.110 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.01 min
Lab File: VU041172.D
Acq: 10 Nov 2020 12:50

Tgt Ion: 91 Resp: 1869
Ion Ratio Lower Upper
91 100
92 48.8 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 0.188 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041172.D

Acq: 10 Nov 2020 12:50

Instrument :

MSVOA_U

ClientSampleId :

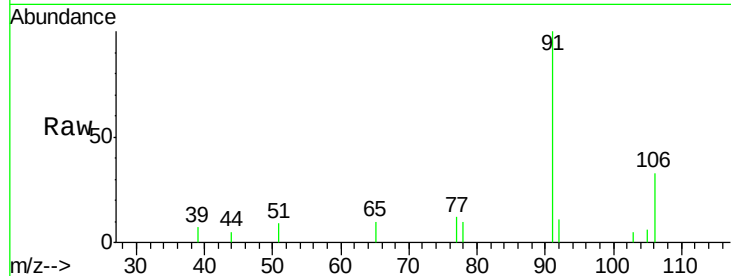
GB0T7DL

Tot Ion: 91 Resp: 3366

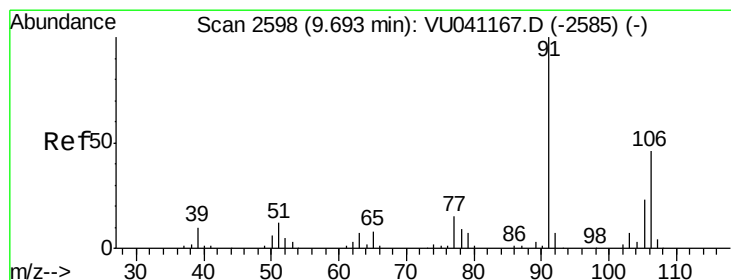
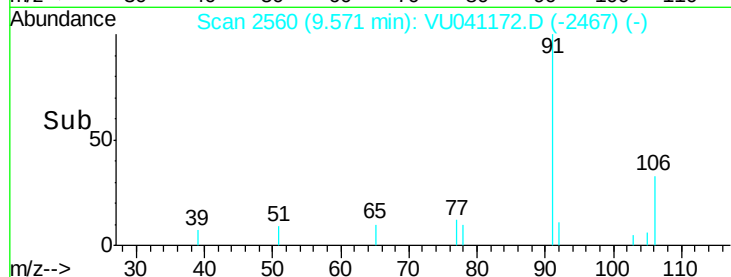
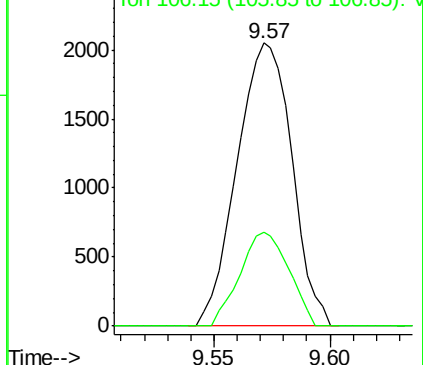
Ion Ratio Lower Upper

91 100

106 33.3 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU041172.D (-2547) (-)



#53

m,p-Xylene

Concen: 1.356 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041172.D

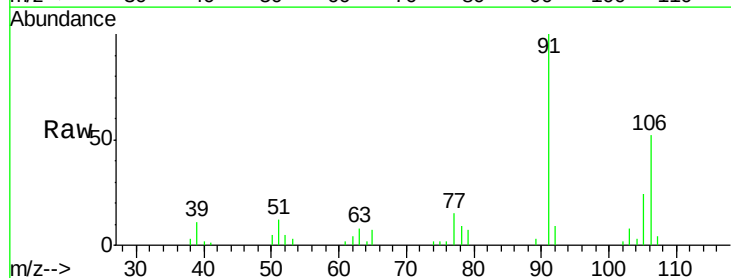
Acq: 10 Nov 2020 12:50

Tgt Ion: 106 Resp: 8837

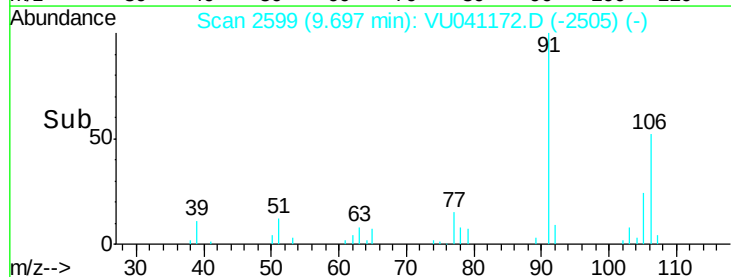
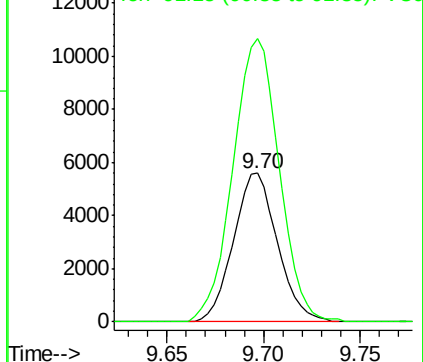
Ion Ratio Lower Upper

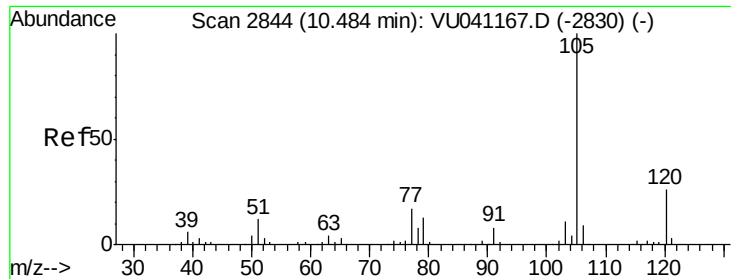
106 100

91 190.7 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): VU041172.D (-2598) (-)





#56

Isopropylbenzene

Concen: 0.161 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU041172.D

Acq: 10 Nov 2020 12:50

Instrument :

MSVOA_U

ClientSampleId :

GB0T7DL

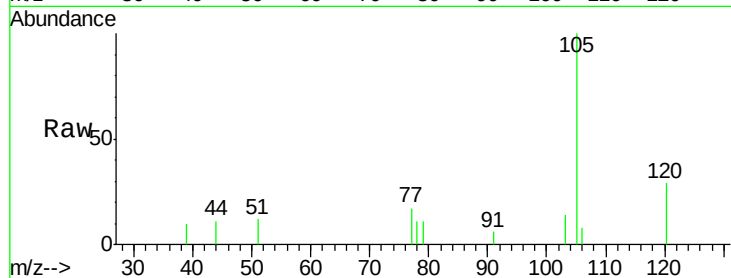
Tot Ion:105 Resp: 2634

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 13.1 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): VU

